230-240 West MacArthur Boulevard Mixed Use Project

Addendum to Kaiser Permanente Oakland Medical Center Kaiser Master Plan Project EIR

Prepared for:
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I. Project Characteristics

1. Project Title:	230-240 West MacArthur Boulevard Mixed Use Project (aka One Piedmont)
2. Lead Agency Name and Address:	City of Oakland Bureau of Planning 250 Frank H. Ogawa Plaza, Suite 2114 Oakland, CA 94612
3. Contact Person and Phone Number:	Jason Madani, Planner II (510) 238-4790 250 Frank H. Ogawa Plaza, Suite 2114 Oakland, CA 94612 jmadani@oaklandnet.com
4. Project Location:	230-240 West MacArthur Blvd, Oakland, CA Assessor's Parcel No. 12-986-25-1 (230 West MacArthur) and APN 12-986-28 (240 West MacArthur)
5. Project Sponsor's Name and Address:	BayRock One Piedmont, LLC Attn: Stuart Gruendl 411 Pendelton Way Suite C Oakland, CA 94621
6. Existing General Plan Designations:	Neighborhood Center Mixed Use
7. Existing Zoning:	CN-2/D-KP-3 Height Limit (35')
8. Requested Permits:	Design Review (Planning Code §17.136.040) Building, Grading, Encroachment and other related onsite and offsite work permits

II. Executive Summary

In 2006, the City of Oakland certified an EIR prepared for the Kaiser Permanente Oakland Medical Center Kaiser Master Plan Project proposed by Kaiser Foundation Hospitals, a California non-profit public benefit corporation, involving the phased redevelopment of the existing Kaiser Permanente Oakland Medical Center (OMC). The 20.6-acre Kaiser Master Plan area (Plan area) was comprised of several noncontiguous properties concentrated at the intersection of Broadway and MacArthur/West MacArthur Boulevard, including the 16.3-acre Kaiser Permanente Medical Center.

As part of the Kaiser Permanente Oakland Medical Center Kaiser Master Plan Project EIR ("Kaiser Master Plan EIR"), the City analyzed an "Expanded Campus Variant", a variation of the Kaiser Master Plan project (Plan) that would incorporate additional properties that abut the Medical Center area. The additional properties included, among others, "the property containing an existing automotive repair use and service station use on MacArthur Boulevard at Howe Street and Piedmont Avenue, respectively."[1] These two parcels comprise the currently proposed Project. By including these parcels in the Kaiser Master Plan EIR, the City intended to enable these sites, if acquired by Kaiser, to be redeveloped with Kaiser-related facilities. The Kaiser Master Plan EIR specifically included these properties in its analysis of potential environmental impacts of development pursuant to the Plan.

The Kaiser Master Plan retained the General Plan land use designation of the parcels at 230-240 West MacArthur Boulevard as Neighborhood Center Mixed Use, and re-zoned these properties to CN-2/D-KP-3. The re-zoning established CN-2 (Neighborhood Center Commercial Zone) as the underlying zoning district, such that CN-2 zoning regulations govern, and D-KP-3 as a zoning overlay, whose development requirements apply only upon approval of Design Review for a Kaiser-sponsored development project.[2] The intent of the CN-2 Zone is to enhance the character of established neighborhood commercial centers that have a compact, vibrant pedestrian environment. The CN-2 zone permits multifamily residential uses above ground floor commercial. The proposed Project is a multifamily residential development above ground floor commercial use. Because the Project proposes to designate more than 10% of its units as affordable to Very Low Income housing, it is eligible for affordable housing incentives. With the application of these incentives (specifically involving a density bonus and the waiver of height and FAR development standards), the proposed Project is consistent with the development density established by the Oakland Planning Code for CN-2 zones. Therefore, the proposed Project is consistent with existing General Plan land use and zoning designations. The proposed Project differs from the Kaiser Master Plan project description only in that the facilities will be developed by a non-Kaiser entity, which was not precluded in the Kaiser Master Plan EIR or in the City's Conditions of Approval.

Pursuant to CEQA Guidelines Section 15164, the lead agency or responsible agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred.

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[1] Kaiser Permanente Oakland Medical Center Kaiser Master Plan Project Draft EIR, March 2006. P. III-6. Available at http://www2.oaklandnet.com/government/o/PBN/OurOrganization/PlanningZoning/DOWD008959. Accessed 9/7/017

[2] Oakland Planning Code, Section 17.101D.010(C).

Pursuant to these CEQA sections, environmental review can be satisfied through preparation of an Addendum to the 2006 Kaiser Master Plan EIR. This document serves as that Addendum to the 2006 Kaiser Master Plan EIR.

Summary

Based on the environmental analysis conducted herein, and the relationship of the Project to the Kaiser Master Plan and to the zoning designation the site received as part of the implementation of the Kaiser Master Plan, the City finds that:

- The proposed Project would not represent a substantial change to the Kaiser Master Plan project and specifically its Expanded Campus Variant, as analyzed in the 2006 Kaiser Master Plan EIR, and the Project is fully within the scope of the project as analyzed in that EIR.
- No substantial changes have occurred with respect to the circumstances that would result in new significant environmental effects or a substantial increase in the severity of previously identified significant effects.
- There is no significant new relevant information which was not known and could not have been known at the time that the Kaiser Master Plan EIR was certified that would result in any new significant effects that were not discussed in the Kaiser Master Plan EIR, or in any significant effects that would be substantially more severe than previously shown in the prior EIR.

Therefore, the City finds the Project does not meet the criteria identified in CEQA Guidelines Section 15162 and CEQA Statute Section 21166 that would require a subsequent or supplemental EIR, and that therefore, this Addendum is the appropriate document to demonstrate compliance with CEQA.

The Project is also eligible for streamlined environmental review based on its consistency with a community plan (CEQA Guidelines §15183) and its qualification as an Infill Project (§15183.3). No additional environmental review will be required because the infill project would not cause any new specific effects or more significant effects than those analyzed in the prior 2006 Kaiser Master Plan EIR, and because uniformly applicable development policies (implemented as Standard Conditions of Approval) would substantially mitigate such effects.

III. Background

Project Relationship to 2006 Kaiser Master Plan

The Kaiser Oakland Medical Center Kaiser Master Plan (Plan) EIR was certified and approved by the Oakland City Council in 2006. The Kaiser Master Plan describes the phased replacement of the Oakland Medical Center with an expanded and improved campus, consisting of approximately 1.78 million sf on approximately 20 acres, to be completed by approximately 2020. The approved Kaiser Master Plan includes the following development phases:

- Phase 1 includes construction of the Broadway Medical Office Building and parking garage.
- Phase 2 includes construction of a new 346-bed hospital, central utility plant and parking garage.

- Phase 3 would establish the Central Administration Medical Services Building (MSB) and parking facilities. To accommodate the Phase 3 development, the existing hospital structure (tower and low-rise building) would be demolished in conjunction with redevelopment of the site.

The Kaiser Master Plan also created a new special district zoning, called the "Kaiser Permanente Oakland Medical Center (OMC) Zoning District." For properties not owned by Kaiser Permanente (including the Project parcels at 230-240 West MacArthur), the new zoning district was applied as an overlay district, allowing the underlying CN-2 zoning designation and regulations to apply, until such time as Kaiser Permanente may propose a Kaiser-related use on these properties. This was intended to avoid creating legal non-conforming uses and to allow for a potential transition into health care-related uses. The Kaiser Master Plan EIR specifically identified the two Project parcels on West MacArthur Blvd as belonging to this group of properties, stating "[these] would include … an automotive repair and gas station uses at the northeast corner of Howe Street and MacArthur Boulevard and any other properties in the project that have not been acquired by Kaiser at this time." Therefore, these Project parcels lie within the CN-2 Zoning District and within the area fully analyzed in the 2006 Kaiser Master Plan EIR.

Project Relationship to Current Zoning District

As noted above, the approved Kaiser Master Plan included a rezoning of the Project site at 230-240 West MacArthur Boulevard to CN-2, with a Kaiser Permanente Oakland Medical Center (OMC) Zoning District overlay. Oakland Municipal Code (Code) Section 17.101D.010 states, "The existing zoning designation shall remain as the applicable zoning district, and the zoning regulations associated with that zoning district shall govern all development and use of the property until Design Review for the parcel/lot is approved by the City in accordance with the provisions of the D-KP District, with the consent of the property owner.

The section of this document titled Consistency with Community Plan demonstrates the consistency of the proposed Project with the intent, policies, and regulations of the underlying CN-2 zoning district.

Project Relationship to 2006 Kaiser Master Plan EIR

The Kaiser Master Plan EIR included the proposed Project sites in an Expanded Campus Variant, which was included in the analysis of environmental impacts.

The Kaiser Master Plan EIR found the following significant and unavoidable impacts that could result from implementation of the Kaiser Master Plan:

- Transportation, Circulation, and Parking--PM peak-hour and cumulative traffic impacts to the signalized intersections of Broadway/51st Street/Pleasant Valley Avenue and Broadway/West MacArthur
- Cultural Resources--The building at 3741-47 Broadway was conservatively assumed to be an historic resource under Section 15065.4 of the CEQA Guidelines, pending Landmarks Preservation Advisory Board review, and demolition was therefore considered to result in a significant impact.

The Kaiser Master Plan EIR found that the following resources would incur less-than-significant impacts after applicable mitigation measures or Standard Conditions of Approval were implemented:

- Transportation, Circulation, and Parking—Project construction would temporarily affect traffic flow and circulation, parking, and pedestrian safety. In addition, other local intersections could be impacted, but those impacts could be mitigated below the level of significance;
- Air Quality—Emissions of criteria pollutants from demolition, site preparation, and construction;
- Noise—Construction noises; ambient noise affecting interior noise levels within hospital buildings;
- Cultural Resources—substantial adverse change to potential archeological resources and/or human remains;
- Geology, Soils, and Seismicity—severe seismic ground shaking from major earthquake;
- Water quality—deposition of loose, erodible soils from construction;
- Health and Safety--Demolition or renovation of existing structures that contain hazardous building materials, such as lead-based paint, asbestos, and PCBs could expose workers, the public, or the environment to these hazardous materials and would generate hazardous waste;
- Biological Resources—potential disturbance to Glen Echo Creek; impacts to protected trees

The Kaiser Master Plan EIR found that the following resources would incur less-than-significant, beneficial, or no impacts, and no mitigation measures or Standard Conditions of Approval were required:

- Land Use—no physical division of existing community or conflict after General Plan Amendment;
- Transportation, Circulation, and Parking—other impacts to circulation, pedestrian and bicycle safety and traffic conditions would be less-than-significant;
- Air Quality—mobile emissions would result in less-than-significant increases in carbon monoxide (CO) concentrations at local intersections; health risks from Toxic Air Contaminants below thresholds;
- Noise—increases in ambient noise from traffic and project operations (HVAC, central utility plant, parking structures, truck loading/unloading);
- Cultural Resources—construction near historic resources would not affect their historic setting;
- Geology, Soils, and Seismicity—no substantial, long-term erosion or siltation that would increase the sediment load to Glen Echo Creek and Lake Merritt;
- Hydrology and Water Quality—excavation would not be deplete groundwater or substantially interfere with recharge; drainage patterns would not be altered; flood hazard would not be increased;
- Public Health and Safety—impacts from transportation, storage, and use of hazardous chemicals during construction and operations, and potential increases in the volume of hazardous waste would not be significant;
- Biological Resources/Wetlands—construction impacts to common plant and animal species less than significant;
- Population, Housing, and Employment—some displacement of businesses, jobs and housing, but not substantial; population growth would not be induced;
- Aesthetics—new buildings would not adversely affect visual character, quality, or scenic vistas; would not result in substantial light/glare impacts; would not cast shadows that impair use of public areas or on historic resources or; no wind impacts;

- Public Services and Recreation Facilities—Project would not require new or altered police, fire, or school facilities, or result in substantial deterioration of recreational facilities;
- Utilities and Service Systems—demand for utility services would not exceed supply or capacity

City of Oakland - Standard Conditions of Approval

The City of Oakland's Uniformly Applied Development Standards adopted as Standard Conditions of Approval (Standard Conditions of Approval, or SCAs) were originally adopted by the City in 2008 (Ordinance No. 12899 C.M.S.) pursuant to Public Resources Code section 21083.3) and have been incrementally updated over time; the most recent update was adopted April 11, 2017. The SCAs incorporate development policies and standards from various adopted plans, policies, and ordinances (such as the Oakland Planning and Municipal Codes, Oakland Creek Protection, Stormwater Water Management and Discharge Control Ordinance, Oakland Tree Protection Ordinance, Oakland Grading Regulations, National Pollutant Discharge Elimination System (NPDES) permit requirements, Housing Element-related mitigation measures, Green Building Ordinance, historic/Landmark status, California Building Code, and Uniform Fire Code, among others), which have been found to substantially mitigate environmental effects.

These SCAs are incorporated into projects as conditions of approval, regardless of the determination of a project's environmental impacts. As applicable, the SCAs are adopted as requirements of an individual project when it is approved by the City, and are designed to, and will, avoid or substantially reduce a project's environmental effects.

In reviewing project applications, the City determines which SCAs apply based upon the project's characteristics and location, zoning district, applicable plans, and type(s) of permit(s)/approvals(s) upon the zoning district, community plan, and the type of permits/approvals required for the project.

Depending on the specific characteristics of the project type and/or project site, the City will determine which SCAs apply to a specific project. Because these SCAs are requirements imposed on a City-wide basis, environmental analyses assume that these SCAs will be imposed and implemented by the project, and therefore they are not imposed as mitigation measures under CEQA.

IV. Purpose and Summary of Document

The purpose of this document is to provide required CEQA compliance for the proposed 230/240 W. MacArthur Blvd. Project. Pursuant to Section 15164(e), the document provides a brief explanation of the decision to prepare an addendum to the 2006 Kaiser Master Plan EIR rather than a subsequent EIR.

CEQA Addendum to the 2006 Kaiser Master Plan EIR

Pursuant to CEQA Guidelines Section 15164, the lead agency or responsible agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred. Section 15162 of the Guidelines and CEQA statute Section 21166 describe the conditions under which preparation an Addendum is <u>not</u> appropriate. It states:

a. When an EIR has been certified or a Negative Declaration adopted, no subsequent EIR shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in light of the whole record, one or more of the following:

I. Substantial changes are proposed in the project which will require major revisions of the Kaiser Master Plan EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in severity of previously identified significant effects;

II. Substantial changes occur with respect to the circumstances under which the project is being undertaken which will require major revisions of the Kaiser Master Plan EIR or Negative Declaration due to involvement of new significant environmental effects or a substantial increase in severity of previously identified significant effects; or

III. New information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified or the Negative Declaration was adopted, shows the following:

A. The project will have one or more significant effects not discussed in the previous EIR or Negative Declaration.

B. Significant effects previously examined will be substantially more severe than previously shown in the previous EIR.

C. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or

D. Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponent decline to adopt the mitigation measure or alternative.

CEQA Guidelines Section 15163 states that a Supplemental EIR may be prepared instead of a Subsequent EIR if the conditions described in 15162 apply, but only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation.

Changes in the Project

The Project Description for the 2006 Kaiser Master Plan does not provide substantial details about the nature of development anticipated for the sites included in the "Expanded Campus" Project Variant (which include the properties at 230-240 West MacArthur Boulevard). The Kaiser Master Plan Project Description states, "All of these sites, if acquired by Kaiser, could be redeveloped with Kaiser-related facilities." Given the Project site's underlying zoning designation (CN-2), development that is consistent with the CN-2 development standards would, by definition, not represent "substantial changes" to the Project. As detailed in the subsection above entitled Relationship of Project to Existing Zoning District

and in Section VI: Consistency with Community Plan, the Project is consistent with the development density and performance standards for the underlying CN-2 zone, with the application of appropriate development incentives available to the Project because it proposes to designate more than 10% of its dwelling units as affordable for very low income residents. The only way in which the proposed Project differs substantially from the Kaiser Master Plan project description is that the facilities will now be developed by a non-Kaiser entity.

Changes in Circumstances

Changes in circumstances have occurred since the certification of the 2006 Kaiser Master Plan EIR. Changes that are relevant to the Project include:

- Phase I and Phase II of the Kaiser OMC Kaiser Master Plan (the Broadway medical office building and the new hospital, respectively) have been completed. Phase III, which the Plan proposed to be implemented from 2013-2020, has not been completed. The fact that Phase I and Phase II projects have been completed and Phase III has not would not cause any new direct or indirect significant environmental effects resulting from the Project or substantially increase the severity of previously identified significant effects in the Kaiser Master Plan EIR.
- Environmental site remediation and monitoring activities for both Project parcels have been ongoing since the Kaiser Master Plan EIR was certified in 2006. The relevant environmental history of each site is detailed in Section VII.7 Hazards and Hazardous Materials. As it relates to the criterion stated above regarding changed circumstances, the remediation activities conducted at both sites since 2005 have reduced the volume and concentration of total petroleum hydrocarbons in the soil and groundwater underlying the parcels, thus reducing the risk to future residents of harmful exposure. Since 2005, the following changes have occurred:
    - 230 West MacArthur Boulevard has been granted Underground Storage Tank (UST) Case Closure by the Alameda County Department of Environmental Health (ACDEH), which has determined that no further action related to the petroleum release at the site is required. However, Site Management Requirements imposed as part of the case state that closure is granted for the current commercial land use as a gas station only; for a change in land use to any residential or other land use (as the Project proposes), ACDEH must be notified, at which time they will re-evaluate the case upon receipt of approved development/construction plans.
    - 240 West MacArthur Boulevard has undergone remediation under the supervision of the Regional Water Quality Control Board (Board), and has requested closure under the State's Low Threat UST Closure Policy. As of this writing, the request for closure has not yet been granted; additional remediation and monitoring is underway, based on an approved Work plan for Conducting Soil Vapor Sampling. In August 2017, cleanup activities at this parcel were brought under the regulatory supervision of ACDEH; the regulatory compliance at the two Project parcels will now be supervised under a single regulator, ACDEH.

As noted in Section VII.7, the Kaiser Master Plan EIR found that based on the environmental site conditions reported in the Environmental Site Assessments conducted for the Kaiser

Master Plan EIR, the presence of residual contaminants posed an environmental risk and potential health risk, both during construction and to future occupants of buildings constructed pursuant to the Kaiser Master Plan. In addition, demolition of existing structures that contain hazardous building materials, such as lead-based paint, asbestos, and PCBs, could expose workers, the public or the environment to these hazardous materials, and would generate hazardous waste. The Kaiser Master Plan EIR concluded that these conditions would result in potentially significant impacts, but with required implementation of the City's SCAs related to Hazardous Materials, as well as required compliance with hazardous materials laws, regulations, standards and oversight currently in place, the potential construction impacts from the routine transport, use, disposal, or disturbance of hazardous materials would be less than significant. Therefore, the progress towards successful cleanup that constitutes changes to circumstances since 2006 would not result in new significant environmental effects or a substantial increase in the severity of previously identified significant effects.

New Information

There is no new information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the 2006 Kaiser Master Plan EIR was certified, and that that now meets the criteria of CEQA Guidelines Section 15162 (a)(3). Environmental investigations that have been conducted on both parcels under regulatory supervision since 2005 have resulted in progress at each site towards regulatory site closure, as discussed above and detailed in Section VII.7. This information does not meet the criteria in Guidelines Section 15162 that would require a subsequent EIR, in that it does not show: (a) that the Project will have any significant effects not discussed in the previous EIR; (b) that significant effects previously examined would be substantially more severe; (c) that mitigation measures previously found not to be feasible would in fact be feasible, but the Project proponent declines to adopt them; or (d) mitigation measures considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effect on the environment, but the Project proponent declines to adopt them.

No New Significant Effects

Based on the conclusions from the Checklist analysis that follows (which were drawn from substantial evidence presented in, or incorporated by reference from, prior EIRs, and additional Project-specific analysis), the City finds that no new or substantially greater significant environmental effects will result from implementation of the proposed Project, beyond those effects previously identified in the 2006 Kaiser Master Plan EIR. Based on the trip generation produced for the Project, the Project would generate 160 fewer net vehicle trips daily than the existing land uses (it would generate 9 more in the AM peak hour, but 33 fewer in the PM peak hour). The site would require re-evaluation and approval by ACDEH for a change to residential land use. The Project proponent would be required to develop a Site Management Plan (SMP) and Health & Safety Plan (H&SP) to be approved by ACDEH prior to new construction. Implementation of the recommendations in these plans would mitigate potentially significant hazardous materials impacts to less than significant.

The CEQA Checklist in Section VII below incorporates by reference relevant information contained in the 2006 Kaiser Master Plan EIR and any applicable mitigation measures identified in other prior EIRs that would apply to the Project (i.e., the LUTE EIR and Housing Element EIR). All applicable policies, regulations, and mitigation measures identified in the applicable prior EIRs will also be applied to the Project or otherwise be made conditions of approval of the Project.

V. Project Description

This section describes the proposed 230-240 West MacArthur Boulevard Project (the Project) evaluated in this CEQA Analysis and includes a description of the Project site, existing site conditions, the proposed development, required Project approvals, and the relationship of the Project to the CN-2 Zoning District.

Project Setting

The Project would combine two parcels--APN 12-986-25-1 (230 West MacArthur) and APN 12-986-28 (240 West MacArthur)--into a single rectangular parcel, covering approximately 0.53 acres (23,540 square feet). Both parcels are flat and covered almost entirely with impervious surfaces (i.e., buildings and paving).

Local access is provided by Interstate 580 (I-580), which is linked regionally by Interstates 880 and 980 (I-880, I-980) and State highway 24 (CA-24). The site is less than ½ mile southeast of the MacArthur BART station and is within 1/3-mile of two bus stops served by Alameda-Contra Costa Transit (AC Transit) bus routes 57 and Transbay bus route C. All the streets that border the Project—Howe St, Piedmont Avenue, and West MacArthur Blvd--are two-way streets in the Project vicinity.

Project Detail

The Project proposes a 57-unit, six-story mixed use residential development over approximately 7,120 sf of ground floor commercial/retail use. The Project includes five (5) stories of Type III-A wood-framed construction over a one-story Type I-A concrete podium. The Project includes 83 parking stalls located on two floors, an at-grade garage, and a subterranean garage (See Figures 5 through 18).

Group usable open space consists of the roof deck (4,100 sf) and a podium-level open space (1,280 sf). Of the 57 dwelling units, 42 would have private balconies, comprising 8,336 sf of usable open space. Private balconies are proposed for 10 units on the Podium level (averaging 384 sf); seven units on Level 3 (162 sf each); nine units on level 4 (116 sf each); nine units on Level 5 (134 sf each); and seven units on Level 6 (157 sf).

The ground floor exterior features a stone veneer with aluminum storefront windows and doors. Back-lit metal signage would be erected on the West MacArthur Blvd frontage and the frontages on Piedmont and Howe; each frontage would include a dedicated commercial door to accommodate three different commercial tenants. The exterior of Level 2 features cedar siding, while the floors above are addressed with cement board shingle siding and exterior plaster trim. Residential windows are vinyl; private balconies are surrounded by steel cable guardrails.

Table 1. Project Development Summary--230-240 West MacArthur Blvd.	
Development Parameter	**Amount**
Total site area	23,540 sf (0.54 acres)
Gross nonresidential floor area	10,520 sf (Nonresidential FAR=0.45)
Gross residential area, including services	61,440 sf
Gross commercial/retail area	7,207 sf
Gross open space	13,716 sf
Residential Units	57
Parking spaces provided	83 (23 standard, 60 multi-parking lifts)
Bicycle spaces	12 retail, 20 residential
Number of building levels	6 plus rooftop
Building height	75' to top of roof

Access

Residents would access the site through a driveway on Howe Street, about 35 feet north of West MacArthur Boulevard. The driveway would provide access to a two-level parking garage and an adjacent loading area. The parking garage entrance, ADA spaces, and ten standard parking spaces, including the two Electric Vehicle charging spaces, would be located on the ground level, with the remaining parking spaces below-ground and accessible via a 25-percent grade ramp. The ramp has an average width of about 25 feet. The Project site plan shows mirrors at the base, middle corner, and top of the ramp to improve motorists' visibility of on-coming vehicles.

The lobby entry for residents and guests would be on West MacArthur Boulevard. Each of the three ground floor commercial spaces will have a dedicated entrance: the largest space (3,670 sf) would be at the corner of West MacArthur and Piedmont Avenue, with an entry door on Piedmont; the smallest space (1,764 sf) would be at the corner of West MacArthur Boulevard and Howe Street, with an entry door on Howe; the third space (2,030 sf) would front entirely on West MacArthur.

Per Oakland Planning Code Sections 17.116.120 and 17.116.140, the Project is required to provide one loading berth for its residential uses and no loading berths for its commercial uses, as the commercial space is less than 25,000 square-feet. The Project would provide a loading area accessible from the Project driveway on Howe Street, meeting Code requirements.

Landscaping

There are two existing trees onsite that meet the threshold for protection in the City's Tree Protection

Ordinance (greater than 9" diameter-at-breast height, per Oakland Municipal Code §12.36). These are located in the large planters that currently separate the two parcels. These, and approximately 15 other non-protected trees on the property, will be removed as part of the Project.

The Project proposes new street trees for the ground floor, including seven *Acer rubrum* on West MacArthur Blvd; two *Platanus X acerifolia* on Howe Street, and three *Carpinus Frans fontain* on Piedmont Avenue (see Figure 18). The north boundary wall of the site will be landscaped with bamboo and covered with vines. On the 2nd level, additional landscaping is proposed with accent shrubs, and trees in pre-cast planters. Rooftop landscaping is also proposed, with accent shrubs and medium-size trees in planters.

Utilities

The Project will create or replace 21,789 sf of impervious surface, which represents 93% of the lot area. The County's Municipal Regional Stormwater NPDES Permit grants treatment credits to certain types of Projects to use non-Low Impact Development (LID) stormwater runoff treatment methods if the Project falls into one of three categories of smart growth, high density, and transit-oriented development. The proposed Project qualifies as a "Category B" Special Project[3]; within that category, its development density of 105 du/acre allows it to apply non-low impact development treatment measures to 100% of stormwater runoff. The Project proposes to use a vault-based high flow rate media filter with four cartridges to accept the drainage from the site's pipe system and drain to the nearest catch basin. The entire Project area constitutes a single drainage management area. The filter will be located at the rear of the property towards Howe Street. The media filter system sizing was calculated using the specifications in the Alameda County Clean Water Program Guidelines.[4] All applicable source control and site design measures will be implemented to minimize stormwater runoff pollution.

One existing power pole on Howe Street is proposed for relocation; a second pole, further north on Howe Street, will remain. The existing fire hydrant at Howe and West MacArthur will remain. Utility services will use existing public services in the right-of-way. The Project will not require new laterals for service connections. The rooftop will house approximately 2,360 sf of photovoltaic solar panels.

Project Construction

The Project includes demolition of the existing gas station and auto repair shop. The proposed building will include five levels of Type III-A wood construction over a one-story Type IA concrete podium (plus the partially subterranean garage). The Project would be constructed over approximately 24 months and is anticipated to start in 2018. Construction activities would consist of demolition of the existing

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[3] C.3 Technical Guidance: A Handbook for Developers, Builders, and Project Applicants, Version 5.1, May 2, 2016. Appendix J. Available at https://www.cleanwaterprogram.org/uploads/C.3_Tech_Guidance_v5.1_FINAL_May_2016_hi_res.pdf. Accessed 9/21/17.

[4] Ibid, Chapter 5.

structures and surface parking areas, excavation and grading, foundation construction, and construction of the building and finishing interiors. Soil management during construction would include precautions taken to limit risks to human health and the environment from potential concentrations of total petroleum hydrocarbons from underground storage tank releases at both parcels. The parcels on the site are currently under the regulatory supervision of the Alameda County Department of Environmental Health (ACDEH) Local Oversight Program. The Applicant will conduct groundwater monitoring and sampling per a work plan approved by ACDEH on November 9, 2017. The work plan also includes a Health and Safety Plan and a Traffic Control Plan, which addresses specific hazards associated with working in Howe Street and West MacArthur traffic lanes.

Demolition and grading are anticipated to occur over the course of one month. Grading would include surface preparation, utility connections and excavations for the foundation, footings and utility services. The site would be excavated to a maximum of approximately 19-20' below grade. Approximately 9,300 cubic yards of soil will be excavated and disposed of at an offsite permitted landfill to facilitate the construction of the foundation and below-grade portions of the building. Base rock will be imported to the site, but no soil will be imported. The Project would have a shallow foundation system and conventional spread footings with slab-on-grade or mat foundation. No pile driving would be required.

Groundwater has been encountered at approximately 18' below ground. Groundwater in the vicinity flows generally to the west with periodic variations to the west northwest and west southwest. If groundwater dewatering is required during construction, approval of groundwater discharge must be obtained from East Bay Municipal Utility District (EBMUD). A permit must be obtained from the Regional Water Quality Control Board prior to any groundwater discharge to the city's sanitary sewer system.

Typical equipment used during construction would include an excavator, skid-steer loader, backhoe, trencher, crane, rough terrain forklift, paver, and paving equipment. Staging would primarily occur within the Project site, except in certain instances, such as deliveries or removal of large quantities of material, when parking lanes on one or more of the street frontages may be temporarily closed.

Depending on the construction phase, the number of on-site construction workers could range from approximately 25 to 120 workers per day. The maximum number of workers would be present during framing, rough-in, and interior finish, as well as the exterior work during the building construction phase. The minimum number of workers would be present during grading, excavation, and site preparation.

Existing Conditions and Surrounding Land Uses

230 West MacArthur Boulevard is currently in use as a Shell service station. The existing structure, consisting of a canopy above the gas pumps and cashier's booth, is approximately 1,900 square feet in size. 240 West MacArthur Boulevard is currently occupied by a commercial repair garage. The existing structure is approximately 5,200 square feet in size.

The existing buildings bordering the site are larger and more massive to the north and west, transitioning to smaller and less massive to the southeast. The Kaiser Permanente Medical Center buildings are located to the north and west of the Project site.

  - To the north, across Howe Street, is the former Kaiser Permanente hospital, an approximately 13-story office building.
  - The new Kaiser Permanente Medical Center hospital, approximately 12 stories in height, is located to the west, across West MacArthur Boulevard.
- The Piedmont Apartments, located to the south, are five stories in height.
- Kaiser medical and office buildings and an associated parking garage, located to the northeast, are three and seven stories in height, respectively.
- The commercial district located across Piedmont Avenue to the southeast is predominantly two to three stories in height.

The Project site is not a historic site, landmark, or designated historic property. It is not located within any Area of Primary or Secondary Importance (API, ASI) identified in the Oakland Cultural Heritage Resources Survey. It is close to two Areas of Secondary Importance: (1) Monte Vista ASI, an urban residential area that lies southeast of Piedmont Ave north of West MacArthur. and contains homes built as early as the 1890s; (2) 38th & Cerrito ASI, an urban residential area that lies north of the Project site between Broadway and Piedmont Avenue, with homes build predominantly in the 1910s. Both of these ASIs reach within a few hundred feet of the Project site.

Both Project parcels are listed in the State Water Resources Control Board database (GeoTracker) (as "230-240 West MacArthur" and "240 West MacArthur"). In August 2017, a Phase I Environmental Site Assessment was conducted for Project.[5] From its review of available records, it found that historic petroleum releases were identified at both the 230 and 240 MacArthur parcels. The release at 230 MacArthur was investigated and remediated under agency oversight and, on January 23, 2013, the site received regulatory closure, with contaminants remaining in place and subject to property use restrictions. Based on the regulatory closure and controls on the property, the historic release at the 230 MacArthur parcel was considered in the Phase I ESA to be a *controlled recognized environmental condition* (CREC)[6]. The existing USTs and associated fuel dispensing operations were considered to be a potential environmental concern.

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[5] Phase I Environmental Site Assessment. Prepared by Cardno, August 16, 2017.

[6] The following definitions apply, based on ASTM E1527-13 standard:

Recognized environmental condition (REC): the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."

Controlled recognized environmental condition (CREC): 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)."

Separately, the 240 MacArthur parcel is listed on the GeoTracker website as a LUST Cleanup Site in Open-Verification Monitoring status under supervision of the San Francisco Bay Regional Water Quality Control Board (RWQCB). Releases of petroleum hydrocarbons on the site have also been investigated and remediated under agency oversight; however, the site has not yet received regulatory closure. As such, the release at the 240 MacArthur parcel was considered a *recognized environmental condition* (REC) and a potential *vapor encroachment condition* (VEC). On August 11, 2017, the Project Applicant entered into a Voluntary Agreement with the County Department of Environmental Health to move the cases for both parcels to County jurisdiction for cleanup activities. These sites were known to have incurred releases of petroleum hydrocarbons at the time of the Kaiser Master Plan EIR. Further discussion of the environmental conditions and investigations of the two parcels is included in the checklist analysis below under Hazardous Materials.

General Plan and Zoning Designations

The Project site's General Plan land use designation is Neighborhood Center Mixed Use (Figure 3). The intent of the Neighborhood Center Mixed Use is to identify, create, maintain and enhance mixed use neighborhood commercial centers. The centers are typically characterized by smaller scale pedestrian-oriented, continuous street frontage with a mix of retail, housing, office, active open space, eating and drinking places, personal and business services, and smaller scale educational, cultural, or entertainment uses.

The Project's Zoning Designation is CN-2 (Figure 4). The intent of the CN-2 Zone is to enhance the character of established neighborhood commercial centers that have a compact, vibrant pedestrian environment. CN zones are typically characterized by smaller scale pedestrian oriented, continuous and active store fronts with opportunities for comparison shopping. The zone allows a maximum residential density of 550 sf of lot area per dwelling unit. The Project intends to provide 14% of its units as Affordable to Lower Income, which entitles it to apply a 26% density bonus above the allowable number of dwelling units. As described in detail in the Section VIII "Consistency with a Community Plan," this application of the density bonus to the maximum allowable dwelling units per the CN-2 zone would permit the Applicant to construct 47 dwelling units, not 57 dwelling units as proposed. However, California Government Code Section 65915 (Density Bonus provisions) provides alternatively for the application of the maximum density provided in the City's General Plan Land Use and Transportation Element for Neighborhood Center Mixed Use zones, which is 348 sf per dwelling unit. Using this allowable density, the Applicant could build up to 58 residential dwelling units.

Project Approvals

The Project requires the following discretionary actions/approvals, including without limitation:

Vapor encroachment condition (VEC): presence or likely presence of "chemical of concern" vapors in the subsurface of the Target Property caused by the release of vapors from contaminated soil or groundwater or both either on or near the Target Property as identified by the Tier 1or Tier 2 procedures.

Actions by the City of Oakland

- Regular Design Review
- Building permit
- Tentative Parcel Map to merge two lots into one lot and create condominiums
- Other City Permits – Grading permit, encroachment permit and other related onsite and offsite work permits.

Actions by Other Agencies

- Regional Water Quality Control Board (RWQCB) - Waste Discharge Requirements or NPDES permit
- East Bay Municipal Utility District (EBMUD) – Approval of new service requests and water meter installation.
- Oversight by San Francisco Bay Regional Water Quality Control Board (RWQCB) and Alameda County Department of Environmental Health regarding remediation or closure

VI. Summary of Findings

Based on this document's analysis of the Project with respect to the circumstances identified in CEQA Statute 21166 and CEQA Guidelines Section 15162 under which a subsequent or supplemental EIR would be required, and based on the environmental analysis conducted herein, the following findings can be made:

1. Addendum to the 2006 Kaiser Master Plan EIR

- The proposed Project would not represent a substantial change to the Kaiser Master Plan project and specifically its Expanded Campus Variant, as analyzed in the 2006 Kaiser Master Plan EIR, and the Project is fully within the scope of the project as analyzed in that EIR.
- No substantial changes have occurred with respect to the circumstances that would result in new significant environmental effects or a substantial increase in the severity of previously identified significant effects.
- There is no significant new relevant information which was not known and could not have been known at the time that the Kaiser Master Plan EIR was certified that would result in any new significant effects that were not discussed in the Kaiser Master Plan EIR, or in any significant effects that would be substantially more severe than previously shown in the prior EIR.

Therefore, the City finds the Project does not meet the criteria identified in CEQA Statute 21166 and Guidelines Section 15162 that would require a subsequent or supplemental EIR and that, therefore, this Addendum is the appropriate document to demonstrate compliance with CEQA.

2. CEQA Streamlining

Community Plan Consistency

CEQA Guidelines Section 15183 allow streamlined environmental review for projects that are "consistent with the development density established by existing zoning, community plan or general plan policies for which an EIR was certified, except as might be necessary to examine whether there are project-specific significant effects which are peculiar to the project or its site." Section 15183(c) specifies that "if an impact is not peculiar to the parcel or to the proposed project, has been addressed as a significant effect in the prior EIR, or can be substantially mitigated by the imposition of uniformly applied development policies or standard, then an EIR need not be prepared for the project solely on the basis of that impact."

The analysis in Section VI below (Consistency with Community Plan) demonstrates that the Project, in addition to its consistency with land uses as analyzed in the 2006 Kaiser Master Plan EIR, is also consistent with the development density established by existing zoning and General Plan policies for which an EIR was certified (i.e., the City of Oakland General Plan Land Use and Transportation Element (LUTE) EIR (1998) and the City of Oakland General Plan Housing Element and EIR (2010) and its 2014 Addendum). As such, the analysis demonstrates that, other than Project-specific effects which may be peculiar to the Project or its site, the Project's potential contribution to overall cumulatively significant

effects has already been addressed in these prior EIRs, or will be substantially mitigated by the imposition of City of Oakland Standard Conditions of Approval (SCAs). The conclusions of the environmental checklist below, prepared pursuant to the requirements of Section 15162 for the use of an Addendum, can also be applied to demonstrate compliance with the standard of review required by Section 15183.

Qualified Infill Streamlining

CEQA Guidelines Section 15183.3 allows streamlining for certain qualified infill projects by limiting the topics subject to review at the project level, if the effects of infill development have been addressed in a planning level decision, or by uniformly applicable development policies. Infill projects are eligible if they are located in an urban area on a site that either has been previously developed or that adjoins existing qualified urban uses on at least 75 percent of the site's perimeter; satisfy the performance standards provided in CEQA Guidelines Appendix M; and are consistent with the general use designation, density, building intensity, and applicable policies specified for the project area in either a sustainable communities strategy or an alternative planning strategy. No additional environmental review is required if the infill project would not cause any new significant effects or increase the severity of previously identified significant effects, or if uniformly applicable development policies or standards would substantially mitigate such effects.

The analysis in Section VII below (Qualified Infill Streamlining) demonstrates that the Project is located in an urban area on a site that has been previously developed; satisfies the performance standards provided in CEQA Guidelines Appendix M; and is consistent with the General Plan land use designation, density, building intensity and applicable policies As such, this environmental review is limited to an assessment of whether the Project may cause any Project-specific effects, and relies on uniformly applicable development policies or standards to substantially mitigate cumulative effects. The environmental checklist below, prepared pursuant to the requirements of Section 15162 for the use of an Addendum, can also be applied to demonstrate compliance with the standard of review required by this Section.

VII. CEQA Checklist

The CEQA Checklist below compares the potential environmental impacts that may result from construction and operation of the Project to those that were evaluated in the Kaiser Master Plan EIR, which identified mitigation measures and SCAs to address potential environmental impacts of implementing the Kaiser Master Plan.

This Checklist hereby incorporates by reference the Kaiser Master Plan EIR discussion and analysis of all potential environmental impact topics; only those environmental topics that could have a potential project-level environmental impact are included. The significance criteria applied in the Kaiser Master Plan EIR have been consolidated and abbreviated in this CEQA Checklist for administrative purposes; a complete list of the significance criteria can be found in the Kaiser Master Plan EIR.

Since certification of the Kaiser Master Plan EIR in 2006, the City has adopted new Standard Conditions of Approval (or updated prior SCAs) which further clarify and expand on the Mitigation Measures (or SCAs) in the previous EIRs, and which the City has found to provide equal or greater protection to the potentially impacted resource**.** Where an SCA that was applied in the Kaiser Master Plan EIR has been updated since that EIR was certified in 2006, the new SCA will be applied to the Project.

Based on the criteria provided in CEQA Guidelines Section 15162, 15163, 15164, and CEQA Statute 21166 for determining whether a subsequent or supplemental EIR must be prepared for a project which is part of a previously certified EIR, this CEQA Checklist analysis evaluates whether the Project would result in:

- One or more significant effects not discussed in the previous EIR;
- Significant effects previously examined that will be substantially more severe than shown in the previous EIR; or
- Mitigation measures or alternatives previously found not to be feasible that would in fact be feasible, or which are considerably different from those analyzed in the previous EIR, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative.

Where the severity of the impacts of the Project would be the same as or less than the severity of the impacts described in the Kaiser Master Plan EIR, the result “Equal or Less Severity Than previously identified in Kaiser Master Plan EIR” is presented. If the result “Substantial Increase in Severity of Previously Identified Significant Impact in Kaiser Master Plan EIR, or New Significant Impact were presented, it would indicate that there are significant impacts that are:

- Peculiar to the Project or Project site (per CEQA Guidelines Sections 15183 or 15183.3);
- Not identified in the previous EIR (Kaiser Master Plan EIR) (per CEQA Guidelines Sections 15183 or
- 15183.3), including offsite and cumulative impacts (per CEQA Guidelines Section 15183);
- Due to substantial changes in the Project (per CEQA Guidelines Section 15162);

- Due to substantial changes in circumstances under which the project will be undertaken (per CEQA Guidelines Section 15162); or
- Due to substantial new information not known at the time the Kaiser Master Plan EIR was certified (per CEQA Guidelines Sections 15162, 15183, or 15183.3).

The Project is required to comply with applicable mitigation measures identified in the Kaiser Master Plan EIR, as applicable and with City of Oakland SCAs. The Project sponsor has agreed to incorporate and/or implement the required mitigation measures and SCAs as part of the Project. This CEQA Checklist includes references to the applicable mitigation measures and SCAs.

The following attachments are included as part of this CEQA document:

- Attachment A: Standard Conditions of Approval
- Attachment B: Health Risk Screening Assessment
- Attachment C: Transportation Impact Study
- Attachment D: Phase I ESA and Site Closure Letter for 230 W. MacArthur Blvd.
- Attachment E: Preliminary Geotechnical Report.

1. Aesthetics, Shadow, and Wind

Would the project:

a. Have a substantial adverse effect on a public scenic vista; substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings, located within a state or locally designated scenic highway; substantially degrade the existing visual character or quality of the site and its surroundings; or create a new source of substantial light or glare which would substantially and adversely affect day or nighttime views in the area;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Introduce landscape that would now or in the future cast substantial shadows on existing solar collectors (in conflict with California Public Resource Code Sections 25980 through 25986); or cast shadow that substantially impairs the function of a building using passive solar heat collection, solar collectors for hot water heating, or photovoltaic solar collectors;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Cast shadow that substantially impairs the beneficial use of any public or quasi-public park, lawn, garden, or open space; or, cast shadow on an historical resource, as defined by CEQA Guidelines Section 15064.5(a), such that the shadow would materially impair the resource's historic significance;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

d. Require an exception (variance) to the policies and regulations in the General Plan, Planning Code, or Uniform Building Code, and the exception causes a fundamental conflict with policies and regulations in the General Plan, Planning Code, and Uniform Building Code addressing the provision of adequate light related to appropriate uses; or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

e. Create winds that exceed 36 mph for more than one hour during daylight hours during the year. The wind analysis only needs to be done if the project's height is 100 feet or greater (measured to the roof) and one of the following conditions exist: (a) the project is located adjacent to a substantial water body (i.e., Oakland Estuary, Lake Merritt or San Francisco Bay); or (b) the project is located in Downtown.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Subsequent to certification of the prior EIR, the CEQA statutes were amended related to assessment of aesthetics (as well as parking impacts). CEQA Section 21099(d) states, "Aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site located within a transit priority area shall not be considered significant impacts on the environment." Accordingly, aesthetics and parking are no longer to be considered in determining if a project has the potential to result in significant environmental effects, for projects that meet all three of the following criteria: (1)

the project is in a transit priority area[7]; (2) the project is on an infill site[8]; (3) the project is residential, mixed-use residential, or an employment center.

The proposed Project meets all three criteria as follows: (1) it is located less than 1/8th -mile from the bus stop at 40th and Broadway, where both the 51A and 57 buses stop in 15-minute intervals during peak commute hours, and within ½-mile of the MacArthur BART station; (2) the Project site is an infill site within the urban area of the city of Oakland and is currently developed with commercial uses; and (3) the Project is a mixed-use residential project. Therefore, this analysis does not consider aesthetics or the adequacy of parking in determining the significance of project impacts under CEQA. Nonetheless, the City of Oakland recognizes that the public and decision makers may be interested in information pertaining to the aesthetic and parking effects of a proposed project. Therefore, the information below related to aesthetics and parking is provided solely for informational purposes and is not used to determine the significance of the environmental impacts, pursuant to CEQA.

Kaiser Master Plan EIR

The Kaiser Master Plan EIR found that:

- The Kaiser Master Plan would result in demolition of existing buildings along major pedestrian and vehicular corridors and construction of new buildings of varying height and bulk compared to existing buildings in the area. This would substantially but not adversely alter the existing visual character and quality of the Kaiser Master Plan area. (Less than Significant)
- Construction activities associated with the Kaiser Master Plan may result in accidental damage to one or more trees within a state-designated scenic highway. (Less than Significant)
- Construction of the Kaiser Master Plan would result in changes to views from public viewpoints but would not adversely affect scenic vistas. (Less than Significant)
- The Kaiser Master Plan would increase the amount of light and glare emitted from the Plan area but would not result in substantial adverse effects to day or nighttime views or adjacent residential uses. (Less than Significant)
- Implementation of the Kaiser Master Plan would create additional shadow on adjacent areas, however, the Plan would not result in shadows being cast on historic resources, would not introduce landscaping conflicting with the California Public Resource Code; would not cast shadow on buildings using passive solar heat, solar collectors for hot water heating, or photovoltaic solar collectors; and would not cast shadow that impairs the use of any public or quasi-public park, lawn, garden, or open space. (Less than Significant)

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[7] "Transit Priority Area" means an area within one-half mile of a major transit stop that is existing or planned. CEQA Statute § 21099(a)(7)

[8] "Infill Site" means a lot located within an urban area that has been previously developed…" CEQA Statute § 21099(a)(4)

The Kaiser Master Plan EIR found that no mitigation measures were necessary to reduce aesthetic impacts below the level of significance.

Project Analysis and Conclusion

Consistent with the findings of the Kaiser Master Plan EIR, the Project's potential impacts to scenic vistas, scenic resources, visual character, and light and glare would be less than significant with implementation of SCAs. The proposed residential building would be taller than the immediately adjacent structures, but several Kaiser facilities within a one-block radius are at least as tall, so the new building is generally compatible with the height and massing of nearby buildings west of Piedmont. The proposed building would not block views of the Oakland hills from neighboring buildings, with the possible exception of hospital occupants from the Kaiser Permanente OMC facility across West MacArthur (however, private scenic vistas are not protected under the City of Oakland General Plan).

The nearest public open space is Mosswood Park, one block west on West MacArthur Boulevard. Because the 12-story Kaiser Hospital on West MacArthur is situated between the proposed Project and Mosswood Park and casts its own shadow onto Mosswood Park, the Project would not add substantially to the shadow on Mosswood Park cast by the Kaiser Hospital at any time during the year[9]. Shadows from the Project would never reach the J. Mora Moss House, a historic resource that sits in the southeast portion of Mosswood Park.

The Project would be required to implement measures related to graffiti control, landscaping, landscape maintenance, street frontages, and lighting plans, contained in **SCA AES-1: Graffiti Control, SCA AES-2: Landscape Plan, and SCA AES-3: Lighting**, as identified in Attachment A.

The City's CEQA Thresholds require a wind analysis only if the Project's height is 100 feet or greater (measured to the roof), and if the Project is located in Downtown or adjacent to a waterbody. Because the Project is lower than 100 feet high and is not located in Downtown or adjacent to a waterbody, no significant wind impacts would occur.

Based on an examination of the analysis, findings, and conclusions in the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of the significant impacts identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to aesthetics, shadows, or wind that were not identified in the Kaiser Master Plan EIR.

[9] FindMyShadow.com. Using approximate building dimensions for Kaiser OMC buildings on West MacArthur between Howe and Broadway. http://www.findmyshadow.com/#drawbox. Accessed October 27, 2017.

2. Air Quality

Would the project:

a. During project construction result in average daily emissions of 54 pounds per day of ROG, NOx, or $PM_{2.5}$ [criteria pollutants] or 82 pounds per day of PM_{10}; during project operation result in average daily emissions of 54 pounds per day of ROG, NOx, or $PM_{2.5}$, or 82 pounds per day of PM_{10}; result in maximum annual emissions of 10 tons per year of ROG, NOx, or $PM_{2.5}$, or 15 tons per year of PM_{10}; or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. For new sources of Toxic Air Contaminants (TACs), during either project construction or project operation, expose sensitive receptors to substantial levels of TACs under project conditions, resulting in (a) an increase in cancer risk level greater than 10 in one million, (b) a non-cancer risk (chronic or acute) hazard index greater than 1.0, or (c) an increase of annual average $PM_{2.5}$ of greater than 0.3 micrograms per cubic meter; or, under cumulative conditions, resulting in (a) a cancer risk level greater than 100 in a million, (b) a non-cancer risk (chronic or acute) hazard index greater than 10.0, or (c) annual average $PM_{2.5}$ of greater than 0.8 micrograms per cubic meter; or expose new sensitive receptors to substantial ambient levels of Toxic Air Contaminants (TACs) resulting in (a) a cancer risk level greater than 100 in a million, (b) a noncancer risk (chronic or acute) hazard index greater than 10.0, or (c) annual average $PM_{2.5}$ of greater than 0.8 microgram per cubic meter.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan EIR concluded that:

- **Construction emissions of criteria pollutants –** Activities associated with demolition, site preparation and construction would generate short-term emissions of criteria pollutants, including suspended and inhalable particulate matter and equipment exhaust emissions. Development projects in the Kaiser Master Plan area would not result in significant impacts to air quality from fugitive dust generated by demolition, grading, hauling, and construction activities, after implementation of basic and enhanced control measures included in the Kaiser Master Plan EIR as Standard Conditions C1a and C1b (current SCAs AIR-1 and AIR-3). (Less than Significant with SCA)
- **Operational emissions of criteria pollutants –** Development pursuant to the Kaiser Master Plan would result in increased long-term emissions of criteria pollutants from vehicular traffic to and from the project site and from operation of the Central Utility Plant. The increase in PM_{10} emissions would exceed Bay Area Air Quality Management District significance criteria for daily emissions of this criteria pollutant. The Kaiser Master Plan EIR required expansion of the existing Transportation Demand Management (TDM) Program, the effects of which could not be sufficiently guaranteed to conclude they would be sufficient to fully mitigate the impact. (Significant and Unavoidable for PM_{10})
- **Emissions of toxic air contaminants (TACs) –** Development pursuant to the Kaiser Master Plan would not result in exposure of persons to substantial levels of Toxic Air Contaminants such

that the probability of contracting cancer for the Maximally Exposed Individual exceeded 10 in one million. (Less than Significant)

- **Cumulative Impacts –** Development pursuant to the Kaiser Master Plan, together with anticipated future development in the area, could result in long-term traffic increases and could cumulatively increase regional air pollutant emissions and conflict with, or obstruct implementation of, the Bay Area Clean Air Plan. Because the operational emissions of PM_{10} from Plan development would exceed the threshold of significance, the cumulative air quality impact would also be considered to be significant. Expansion of the existing Transportation Demand Management (TDM) Program would not be sufficient to fully mitigate the impact. (Significant and Unavoidable).

Project Analysis and Conclusion

The Project would result in emissions of criteria air pollutants and ozone precursors from mobile on-road sources and onsite area sources during both the operational and construction periods. An Air Quality Analysis was prepared by Illingworth & Rodkin, Inc. for the Project (see Attachment B), based on the City of Oakland's significance thresholds.

The City of Oakland utilizes screening criteria to provide a conservative indication of whether a Project could result in potentially significant air quality impacts related to construction-period and operational emissions. If the Project's size is below the screening criteria for various land use types (i.e., number of apartment units, square footage of retail space), quantification of the Project's air pollutant emissions is not necessary to make a determination that the impact would be less than significant. The Project's 57 dwelling units are well below the operational criteria pollutant screening size of 494 dwelling units for a mid-rise apartment building (13%) and below the construction criteria pollutant screening size of 240 units (24%). The Project's approximately 7,200 square feet of commercial space is below the operational criteria pollutant screening size of 33,000 square feet for a high turnover restaurant[10] (22%) and below the construction criteria pollutant screening size of 277,000 square feet (12%). Therefore, the Project is well below screening standards for operational and construction-period air pollutant emissions and would not have significant Project-specific impacts related to operational and construction-period emissions of criteria pollutants. Because the Project does not reach the size determined by the City's standards to produce potentially significant impacts to air quality, CalEEMod modeling was not conducted on the construction and operation of the Project.

Construction Period Emissions

Construction activities which disturb soils, including trucks carrying uncovered loads of soils during site preparation and grading, would temporarily generate fugitive dust in the form of PM_{10} and $PM_{2.5}$. Unless properly controlled, vehicles leaving the site would deposit mud on local streets, which could be

[10] The Project intends the largest commercial unit to be this type of land use.

an additional source of airborne dust after it dries. The City considers these impacts to be less than significant if best management practices (BMPs) are implemented to reduce these emissions. Implementation of the Basic controls under SCA-AIR-1 would reduce emissions of both criteria air pollutants and TACs during construction, including the excavation of soils for stacked parking lifts. SCA-AIR-1 minimizes construction health risks by requiring exposed surfaces to be watered; trucks hauling sand, soil, and other loose materials to be covered; visible dirt track-out to be removed daily; new roads, driveways, sidewalks to be paved within one month of grading or as soon as possible; stockpiles to be enclosed, covered, and watered twice daily; vehicle speeds on unpaved roads to be limited; and idling time to be limited. Further, SCA AIR-1 minimizes diesel emissions by minimizing idling; ensuring that construction equipment is running in proper condition; and by specifying that portable equipment would be powered by electricity if available. Implementation of the City of Oakland's SCA related to construction-period impacts, SCA AIR-1, would ensure these impacts are less than significant.[11]

Because the Project includes demolition of the existing structures, SCA AIR-1 as applied to this Project includes the Enhanced Controls (k – y). Item (w) within SCA AIR-1 calls for construction equipment to be equipped with Best Available Control Technology (BACT) for emission reductions of NO_x and PM. BACT is interpreted by the City of Oakland to mean that construction equipment must meet U.S. EPA particulate matter emissions standards for Tier 4 engines. Compliance with SCA AIR-1 item (w) is expected to reduce on-site diesel exhaust emissions by over 80 percent.[12]

Operational Period Emissions

Operational air emissions from the Project would be generated primarily from autos driven by future residents and employees. Evaporative emissions from architectural coatings and maintenance products (classified as consumer products) are typical emissions from these types of uses. There is no source of stationary air pollutants identified with build-out of the Project, because the Project would not include a diesel-fueled generator. As mentioned above, because the Project is below the size at which air quality impacts could be potentially significant, emissions of ROG, NO_x, PM_{10}, or $PM_{2.5}$ associated with operation are assumed to be below significance thresholds.

Violate Air Quality Standards

As discussed above, the Project would result in emissions that are below the significance thresholds for evaluating impacts related to ozone and particulate matter. Therefore, the Project would not contribute substantially to existing or projected violations of those standards. Carbon monoxide emissions from traffic generated by the Project would be the pollutant of greatest concern at the local level. Air pollutant monitoring data indicate that carbon monoxide levels have been at healthy levels (i.e., below State and federal standards) in the Bay Area since the early 1990s. As a result, the region has been

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[11] SCA AIR-1 is the same as SCA 19 as referenced in the Illingworth & Rodkin technical report, included herein as Attachment B.

[12] Air Quality Community Risk Assessment, prepared by Illingworth & Rodkin, October 29, 2017. P. 16.

designated as attainment for the carbon monoxide standard. The highest measured level over any 8-hour averaging period in the Bay Area during the last 3 years is less than 3.0 ppm, compared to the ambient air quality standard of 9.0 ppm. The Project would generate a relatively small amount of new traffic. Based on the Traffic Impact Review conducted for the Project, the Project would add approximately 1,693 daily trips and would not affect high-volume intersections that have the potential to result in exceedances of the air quality standard for carbon monoxide. The number of potential vehicle trips is reduced by the Project's proximity to local and regional transit, and by the Project's provision of 32 bicycle parking spaces, per the requirements of Oakland Municipal Code Section 17.117.090 and 117.117.110. Because cumulative traffic volumes at all intersections affected by the Project would be less than 44,000 vehicles per hour, the Project will have a less-than significant effect with respect to carbon monoxide.

Toxic Air Contaminants (TACs)

Project impacts related to increased community risk can occur either by introducing a new sensitive receptor, such as a residential use, in proximity to an existing source of TACs or by introducing a new source of TACs with the potential to adversely affect existing sensitive receptors in the project vicinity. BAAQMD recommends using a 1,000-foot screening radius around a project site for purposes of identifying community health risk from siting a new sensitive receptor or a new source of TACs.

A review of the area near the Project site has identified several sources including roadways and stationary sources that are within 1,000 feet of the site and could present individual or combined risks (see Figure 18). Therefore, a screening health risk assessment was conducted. Contributing sources within the 1,000-ft radius include:

1. Local Roadways: These include West MacArthur Boulevard and Piedmont Avenue that are adjacent to the site along with Broadway and Interstate 580.

2. Stationary Sources: A total of three (3) identified stationary sources listed and permitted by the Bay Area Air Quality Management District (BAAQMD), including the Kaiser Permanente Medical Center at 280 West MacArthur Boulevard; Broadway Express Gas located at 3810 Broadway; and Soma Environmental Engineering, located at 3820 Manila Avenue (a fourth existing stationary source is the Shell Station that is being replaced as part of the Project).

The City of Oakland uses significance thresholds to determine an unacceptable or significant cancer risk or hazard. For cancer risk, which is a concern for diesel particulate matter (DPM) and other mobile-source TACs, an increased risk of contracting cancer that is 10.0 in one million chances or greater from a single source is significant. Single-source TAC exposure is significant if annual fine particulate matter (PM2.5) concentrations exceed 0.3 micrograms per cubic meter (µg/m3), or if the computed hazard index (HI) is greater than 1.0 for non-cancer risk hazards.

Cumulative exposure is assessed by combining the risks and annual PM2.5 concentrations for all sources within 1,000 feet of a project. The thresholds for cumulative exposure are an excess cancer risk of 100 in one million, annual PM2.5 concentrations of 0.8 µg/m3, and a Hazard Index greater than 10.0. These

thresholds were used to address impacts from TAC sources that could affect future project residents. The methodology used to assess cancer risk in the Health Risk Assessment conducted for the Project is consistent with recently finalized guidance issued by the State Office of Environmental Health Hazards Assessment (OEHHA) designed to provide greater protections for infants and children.

To estimate TAC emissions from local roadway sources, the Illingworth & Rodkin air quality study (Attachment B) began with the Alameda County Roadway Risk Calculator. Using this method, the screening calculations for West MacArthur Boulevard and Piedmont Avenue exceeded the significance thresholds for single sources; therefore, refined modeling of these roadways was conducted (see Figure 19). This involved the development of DPM, organic TAC, and $PM_{2.5}$ emissions estimates for traffic on each of the roadways using traffic data and the CARB EMFAC2014 emission factor model. Emissions were input to the U.S. Environmental Protection Agency's (EPA) AERMOD dispersion model to predict annual concentrations of TACs from roadway traffic. Inputs to the model also included roadway geometry coordinates, on-site residential receptor coordinates and meteorological data. DPM and TAC concentrations were combined with risk factors to predict lifetime cancer risks and non-cancer health impacts at the project site. $PM_{2.5}$ concentrations are also used to evaluate non-cancer health impacts. Table 2 below displays the results: none of the roadway sources individually or collectively exceeded the significance thresholds.

With regard to stationary sources of TACs, BAAQMD's Stationary Source Screening Analysis Tool was used to identify stationary sources that may affect future residents at the site. A total of three sources were identified. For one source (the Soma Environmental Engineering office at 3820 Manila Avenue), the cancer risk, HI, and $PM_{2.5}$ concentration were all close to zero. Another source, the Kaiser Permanente Medical Center, had a screening risk that initially exceeded the significance thresholds. More precise source-specific emission information was then obtained from BAAQMD to conduct refined modeling. The emissions data was entered into the BAAQMD's *beta calculator*, which is considered a second-tier screening evaluation. The risks computed by the beta calculator were found to be less than the single-source thresholds. Each source was below the significance threshold.

Table 2. Summary of TAC Impacts from Sources within 1,000 feet of Project

Source*	Distance (feet)	Cancer Risk** (per million)	Annual $PM_{2.5}$ ($\mu g/m^3$)	Acute or Chronic Hazard Index	Analysis Method
Interstate 580	800	4.51	0.03	0.01	Google Earth Highway Screening Tool, Link
Mac Arthur Blvd.	35 ft.	4.02	0.26	<0.01	Refined modeling with EMFAC2014 and Cal3qhcr
Piedmont Ave	35 ft.	1.80	0.09	<0.01	
Broadway	460 ft.	3.37	0.10	0.00	Refined screening using updated traffic data
Plant 1529 - Kaiser Permanente Medical Center 280 W. Mac Arthur Blvd	580 ft.	3.90	0.15	<0.16	BAAQMD SSIF and beta Calculator
Plant G539 - Broadway	700 ft.	0.50	0.00	0.00	

Express Gas at 3810 Broadway					
Plant 19199 – Soma Environmental Engineering 3820 Manila Ave	980 ft.	0.01	0.00	0.00	
Single Source Threshold		*10.0*	*0.3*	*1.0*	
Exceedance of Single Source Threshold?		***No***	***No***	***No***	
Combined Sources		17.31	0.63	<0.19	
Combined Source Threshold		*100*	*0.8*	*10.0*	
Exceedance of cumulative threshold?		***No***	***No***	***No***	

* Plant G7596 would be removed by the project. Plants 10881 and 12420 do not pose any health risk impacts.

**Cancer risk predictions include the application of 2015 OEHHA guidance and assume infant exposure by multiplying the BAAQMD reported risk by 1.3744.

The combination of impacts from all sources at the receptor most impacted, considered the Maximally Exposed Individual (MEI), is reported in Table 2 above. For the Project, this receptor is located at the southwestern corner of the Project site (see Figure 20). The combined cancer risk is below the threshold of 100 chances per million, the annual $PM_{2.5}$ concentration does not exceed 0.8 µg/m^3 and the Hazard Index is well below 10.0. Therefore, cumulative impacts from TACs on onsite receptors would be less than significant.

Impacts to Offsite Receptors from Project Construction Activity

Construction activities which disturb soils, including trucks carrying uncovered loads of soils during site preparation and grading, would temporarily generate fugitive dust in the form of PM_{10} and $PM_{2.5}$. Unless properly controlled, vehicles leaving the site would deposit mud on local streets, which could be an additional source of airborne dust after it dries. The BAAQMD CEQA Air Quality Guidelines consider these impacts to be less than significant if best management practices are employed to reduce these emissions. SCA AIR-1 would serve as best management practices (BMPs) for this project. Since the Project includes demolition, Enhanced Measures are required under SCA AIR-1, which, as noted above, require construction equipment to be equipped with Best Available Control Technology for emissions reductions of NO_x and particulate matter. This is interpreted as requiring equipment that meets U.S. EPA Tier 4 standards. As a result, implementation of SCA AIR-1 would reduce on-site diesel exhaust emissions by over 80 percent. As a result, construction period health risks and annual $PM_{2.5}$ impacts would be minimized and result in less-than-significant impacts.

As also described in Attachment B, implementation of the City of Oakland's SCAs would lessen the Project's impacts related to construction-phase criteria pollutant emissions and cumulative health risks from TAC emissions posed by the Project. With the implementation of the required SCAs listed in Attachment A (**SCA AIR-1: Construction-Related Air Pollution** [Dust and Equipment Emissions]; **SCA AIR-2: Exposure to Air Pollution** [Toxic Air Contaminants]) and **SCA AIR-3: Asbestos in Structures**, the Project would not result in significant effects related to air quality. It should be noted that the Screening Health Risk Assessment prepared pursuant to SCA-AIR-2 has demonstrated that health risks from the

Project would be below the applicable threshold, and thus no further measures are required under this SCA-AIR-2**.**

Based on an examination of the analysis, findings, and conclusions in the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of the significant air quality impacts identified in that EIR, nor would it result in new significant impacts related to air quality that were not identified in the Kaiser Master Plan EIR. While the Kaiser Master Plan EIR found that emissions of PM_{10} could result in a significant and unavoidable impact, the proposed Project itself is below the size threshold at which cumulatively significant impacts could result. The Kaiser Master Plan EIR did not identify any mitigation measures related to air quality beyond implementation of SCAs AIR-1, SCA-AIR-2, and AIR-3.

3. 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 Wildlife or U.S. Fish and Wildlife Service;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Have a substantial adverse effect on federally protected wetlands (as defined by Section 404 of the Clean Water Act) or state protected wetlands, through direct removal, filling, hydrological interruption, or other means;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

d. Substantially interfere 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;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

e. Fundamentally conflict with the City of Oakland Tree Protection Ordinance (Oakland Municipal Code [OMC] Chapter 12.36) by removal of protected trees under certain circumstances; or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

f. Fundamentally conflict with the City of Oakland Creek Protection Ordinance (OMC Chapter 13.16) intended to protect biological resources.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan EIR found that:

- **Jurisdictional waters**—Demolition of existing structures and construction in the vicinity of Glen Echo Creek could result in impacts to jurisdictional wetlands (Potentially Significant for the Kaiser Master Plan, but not affecting the proposed Project at 230-240 West MacArthur)

- **Special Status Species**
  - Western pond turtles have the potential to occur within the Glen Echo Creek waterway adjacent to one of the Kaiser Master Plan sites. Installation of the temporary bypass culvert within Glen Echo Creek waterway during Phase 1 would result in temporary disturbance to pond turtle habitat. (Less Than Significant after SCA requiring pond turtle surveys)
  - Construction activities adjacent to Glen Echo Creek during Phase 1 would result in disturbance to nesting habitat for breeding raptors and passerine birds including nesting Cooper's hawk. (Less Than Significant after SCA requiring bird surveys)
- **Conflicts with Local Policies** -- Tree removal and tree replacement would require approval by the Oakland Public Works Agency, and would be done pursuant to the City's Tree Preservation and Removal Ordinance. (Less Than Significant with SCAs for tree protection plus specific pre- and during-construction tree protection measures).

Project Analysis and Conclusion

The Project site is located in an urban setting on a site that has been used as a gas station and auto repair facility for many years. As such, the Project site provides no natural habitat for special status species, wildlife corridors, or riparian or sensitive habitat. The site is entirely covered with pavement.

The Kaiser Master Plan EIR included the following in its analysis of impacts to Biological Resources: "The Expanded Campus Variant would incorporate the existing automotive repair use and service station use on MacArthur Boulevard at Howe Street and Piedmont Avenue, respectively. As a result, approximately 3-4 additional protected trees located between these two uses would likely be removed and replaced given their central location on the property." While more recent visits concluded that only two trees qualify for protection, the Project Applicant must still comply with **SCA BIO-2: Tree Permit** regarding compliance with the Tree Protection Ordinance (Oakland Municipal Code §12.36). In addition, all projects that involve removal of a tree (either protected or unprotected) are required to comply with **SCA BIO-1: Tree Removal During Bird Breeding Season.**

The only open stretch of Glen Echo Creek between I-580 and 38th Street flows no closer than approximately 600 feet from the southeastern corner of the Project site is. Because the Project does not fall within Category 3 or 4 of the City's Creek Protection Ordinance, a Creek Protection permit is not required, and the impacts would be less than significant.[13] There are no wetlands or sensitive natural communities associated with the site, and the Project would not conflict with any other local plans or ordinances.

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[13] Oakland Municipal Code Chapter 13.16: Category 3: Exterior work that is located between 20 feet from the top of the Creek bank and 100 feet from the centerline of the Creek; or Exterior work that includes earthwork involving more than three (3) cubic yards of material, beyond 20 feet from the top of the Creek bank.

Category 4: Exterior work conducted from the centerline of the Creek to within 20 feet from the top of the Creek bank.

Based on an examination of the analysis, findings, and conclusions in the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of the significant biological impacts identified in that EIR, nor would it result in new significant impacts related to biological resources that were not identified in the Kaiser Master Plan EIR. The Kaiser Master Plan EIR did not identify any mitigation measures related to biological resources beyond implementation of SCAs BIO-1 and SCA-BIO-2.

4. Cultural Resources

Would the project:

a. Cause a substantial adverse change in the significance of an historical resource as defined in CEQA Guidelines Section 15064.5. Specifically, a substantial adverse change includes physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the historical resource would be "materially impaired;"

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature; or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

d. Disturb any human remains, including those interred outside of formal cemeteries.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The entire Kaiser Master Plan area was included in the City's Reconnaissance Survey of 1985-1986, a "windshield" survey which covered areas not yet intensively surveyed by the Oakland Cultural Heritage Survey (OCHS), and which was intended to be followed up by the OCHS survey over time. The only nearby Kaiser facility assigned a relatively high rating by the OCHS is the Broadway Mental Health Facility at 3900 Broadway, which is owned by Kaiser Permanente but is outside of the Kaiser Master Plan Area. This building, constructed in 1912, is the former King's Daughters Home, which OCHS rated "A3" (Highest Importance, not located in an historic district), and is a City of Oakland Historical Landmark. This building is considered a historic resource for CEQA purposes. The Kaiser Master Plan EIR identified no other buildings in the Kaiser Master Plan area as historic resources under CEQA Guidelines Section 15064.5, based on their local survey status.

However, in 1994, pursuant to Oakland's Seismic Safety Ordinance, OCHS prepared a State Department of Parks and Recreation (DPR) Form 523 A and B for one building that was on the City's Unreinforced Masonry (URM) list and is owned by Kaiser. This building, the previous Honda Dealership building at 3741-47 Broadway, was designed by local architect Clay Burrell in 1919 as the Early Auto Co. - Superior Tile Co., and was determined to be a good example of a Classical Revival-Beaux Arts style automobile showroom. The building was substantially remodeled with a new glass storefront in 1987 as part of the Val Strough Hyundai auto dealership. OCHS assigned this building a local rating of "Ec3" (of no particular historical interest, potentially of secondary historical importance or superior example if restored, not in

an API/ASI), and noted that it did not appear eligible for the NRHP since its architectural integrity had been seriously compromised and may not be reversible (OCHS, 1994). As such, this building would not typically be considered a historic resource for CEQA purposes.[14]

A records search of all pertinent survey and site data within the Kaiser Master Plan area was conducted at the Northwest Information Center at Sonoma State University on May 12, 2005 (File No. 04-962). No previously recorded archaeological sites were identified within the study area; two previous reports have been conducted within the study area, but neither identified significant cultural resources. The Native American Heritage Commission (NAHC) was contacted on April 21, 2005, to request a database search for sacred lands or other cultural properties of significance to local Native Americans. The sacred lands survey failed to indicate the presence of cultural resources in the Kaiser Master Plan area. Each tribal representative or organization provided by the NAHC was contacted by letter requesting information about locations of importance to Native Americans. No responses were received.

The Kaiser Master Plan EIR concluded that:

- **Archaeological and Paleontological, Tribal Resources**--Unidentified, buried archaeological remains could be present in the Plan area. Buried archaeological remains such as prehistoric midden deposits, flaked and ground stone artifacts, bone, shell, building foundations and walls, and other buried cultural materials could be damaged during grading, trenching, and other construction related activities. Compliance with **SCAs CUL-1** and **CUL-2** was found to ensure that resources are recovered and appropriate procedures are followed in the event of accidental discovery, and would therefore reduce potential risk of impact to archaeological resources to a less-than-significant level. (Less than Significant)
- **Historic Resources**—The demolition and replacement of the former 1919 Early Auto Co./Superior Tile Co. building at 3741 Broadway as part of Phase 1 of the proposed Kaiser Master Plan was conservatively found to be a significant and unavoidable impact to a historic resource. Although the structures noted above are in the vicinity of the Kaiser Master Plan area, implementation of the Plan would not result in significant impacts to any other historic resources. No mitigation was included. (Significant and Unavoidable)

Project Analysis and Conclusion

Historical Resources

The Project site is not an individually significant historic resource. The closest site on the City's Local Register of Historical Resources is the Albert Brown Mortuary at 3467 Piedmont Avenue, rated B+ in the OCHS. The 1864 J. Mora Moss House in Mosswood Park (rated A+ and a City of Oakland Historical Landmark) is approximately 1,000 ft. west of the Project. The remaining buildings in the Project vicinity were assigned preliminary ratings of "C" (Secondary Importance) and "D" (Minor Importance) in the

[14] This property is discussed more fully in the Kaiser OMC Master Plan EIR. P. IV.E-10.

OCHS. These include the single family homes built along 38th Street between Broadway and Cerrito Avenue, which are part of the 38th & Cerrito Area of Secondary Importance (ASI), an urban residential area built predominantly in the 1910s; and homes in the Monte Vista ASI, an urban residential area that lies southeast of Piedmont Ave north of West MacArthur, and contains homes built as early as the 1890s. Both of these ASIs reach within a few hundred feet of but do not include the Project site.

Many other buildings in the Project vicinity have been surveyed by OCHS and rated "X", which indicates they are presumed to be of little or no local historical value. These remaining buildings in the Project vicinity would not be considered historic resources under CEQA Guidelines Section 15064.5 based on their local survey status. No Oakland Preservation Districts, APIs, or buildings on Oakland's Preservation Study List are identified in the immediate vicinity of the Project.

Therefore, the Project would not cause a substantial adverse change in the significance of an historical resource as defined in CEQA Guidelines Section 15064.5. Its impact on historical resources would be less than significant.

Archaeological and Paleontological Resources and Human Remains

As noted in the Kaiser Master Plan EIR, there were no recorded Native American or historic-period archaeological resources identified within the study area (a ¼-mile radius of the Kaiser Master Plan area footprint. However, unidentified, buried archaeological remains could be present within the Kaiser Master Plan area; therefore, unanticipated discoveries of archaeological and paleontological resources or human remains are still possible. **SCA CUL-1: Archaeological and Paleontological Resources** would apply to the Project. Similarly, there was no indication that the Plan area has been used for burial purposes in the recent or distant past. However, in the unlikely event of the discovery of any human remains during construction activities, including those interred outside of formal cemeteries, work would be halted and **SCA CUL-2: Human Remains** would be implemented. The SCAs applied in the Kaiser Master Plan EIR have been replaced since that EIR was certified, as noted generally in the introduction to the Checklist..

An examination of the analysis, findings, and conclusions of the Kaiser Master Plan EIR finds that implementation of the Project would not substantially increase the severity of significant cultural resource impacts that were identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to cultural resources that were not identified in the Kaiser Master Plan EIR. The Project would be required to implement SCAs related to the discovery of archaeological or paleontological resources and human remains during construction, as identified in Attachment A (**SCA CUL-1: Archaeological and Paleontological Resources – Discovery During Construction and SCA CUL-2: Human Remains – Discovery During Construction**).

5. Geology, Soils, and Geohazards

Would the project:

a. Expose people or structures to substantial risk of loss, injury, or death involving:

- Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map or Seismic Hazards Map issued by the State Geologist for the area or based on other substantial evidence of a known fault;
- Strong seismic ground shaking;
- Seismic-related ground failure, including liquefaction, lateral spreading, subsidence, collapse; or
- Landslides;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Be located on expansive soil, as defined in Section 1802.3.2 of the California Building Code (2007, as it may be revised), creating substantial risks to life or property; result in substantial soil erosion or loss of topsoil, creating substantial risks to life, property, or creeks/waterways.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan area is approximately 3 miles west of the active Hayward Fault Zone and 15 miles east of the San Andreas Fault Zone. The Hayward Fault Zone is designated by the Alquist-Priolo Earthquake Fault Zoning Act as an active fault.

The Kaiser Master Plan EIR found that:

- **Seismic Risks**—While the Kaiser Master Plan Area is not within an active fault zone that defines the risk of surface fault rupture, seismologists believe that strong earthquakes are likely in the Bay Area within the next 30 years, including along the Hayward Fault. In the event of a major earthquake in the region, seismic ground shaking could potentially injure people and cause collapse or structural damage to existing and proposed hospital structures. However, with required implementation of Standard Condition F.1 (equivalent to current **SCA GEO-2: Geotechnical Report)**, impacts related to strong seismic ground shaking and seismic-related ground failure would be reduced to less than significant levels. (Less than Significant with SCA)

- **Erosion**--Implementation of the Kaiser Master Plan, specifically in proximity to day-lighted segments of Glen Echo Creek, must comply with all City and RWQCB requirements related to erosion control and water quality during construction, including compliance with the Alameda County Clean Water Program NPDES permit; the City of Oakland Creek Protection, Stormwater Management, and Discharge Control Ordinance and Grading Ordinance; and compliance with requirements for preparation of a construction SWPPP. The Kaiser Master Plan therefore was found not to result in substantial, long-term erosion or siltation that would increase the sediment load to Glen Echo Creek and Lake Merritt. (Less than significant)

- **Unstable Soil Conditions**—A geotechnical investigation conducted on a portion of the Kaiser Master Plan area by URS (2005) found that soils at depths that would be affected by the Kaiser Master Plan's proposed building foundation systems were determined to have low to moderate potential for expansion. Therefore, the potential impact of expansive soils was found to be less than significant**.** Also, the URS geotechnical investigation determined that implementation of the Kaiser Master Plan would be structurally feasible given the range of differential settlement and the low amount of liquefaction settlement that was expected to occur (URS, 2005). Therefore, potential impacts of differential settlement and liquefaction on the Plan area were considered less than significant. Compliance with City **SCA GEO-2: Soils Report,** which requires implementation of the recommendations in a project-specific Soils Report, would ensure that impacts related to unstable soil conditions would be less than significant. (Less than Significant with SCA)

The Kaiser Master Plan EIR concluded that compliance with the California Building Code and the City's SCAs would result in less-than-significant exposures of people and structures to the hazards of liquefaction, erosion, or expansive soils resulting from implementation of the Kaiser Master Plan.

Project Analysis and Conclusion

According to information presented in the Geotechnical Report prepared for the Project site by Rockridge Geotechnical[15] (Attachment E), the site is underlain by Holocent-aged alluvial fan and fluvial deposits. A majority of the site appears to be covered with a layer of fill that is approximately two feet thick. The fill is significantly thicker, perhaps up to about 10 feet thick, in locations where underground tanks were formerly installed.

The fill and USTs are underlain by alluvium. In general, the alluvium encountered in the borings consists of interbedded layers of clay and sand to a depth of about 15 feet, below which the alluvium primarily consists of clay with occasional sand interbeds to the maximum depth explored of 31-1/2 feet. The clay has variable amounts of sand and gravel and is very stiff to hard. The sand has variable amounts of clay and silt and is medium dense to very dense. Based on its own borings and a review of previous groundwater monitoring results, the Geotechnical Report recommends a groundwater level of 10 feet below ground surface (bgs) be assumed for design of the below-grade improvements

The Geotechnical Report evaluated the potential for earthquake-induced geologic hazards including ground shaking, ground surface rupture, liquefaction, lateral spreading, and cyclic densification.

Ground Shaking

As noted in the Kaiser Master Plan EIR, the Kaiser Master Plan area is approximately 3 miles west of the active Hayward Fault Zone and 15 miles east of the San Andreas Fault Zone. The Hayward Fault Zone is designated by the Alquist-Priolo Earthquake Fault Zoning Act as an active fault. The Geotechnical Report concluded that strong to very strong ground shaking could occur at the site during a large earthquake on

[15] Preliminary Geotechnical Investigation, Proposed Mixed-Use Development, 230 & 240 W. MacArthur, prepared by Rockridge Geotechnical. October 30, 2017.

one of these nearby faults. With implementation of the recommendations for seismic design given in the report, pursuant to the California Building Code and further investigation of subsurface conditions prior to final design, impacts would be less than significant.

Liquefaction

Liquefaction maps of the City indicate that the Project site is in a zone of 3% potential liquefaction, meaning that approximately 3% of the area is predicted to liquefy in a magnitude 7.1 earthquake.[16,17] This is considered moderate susceptibility to liquefaction. Further, the Project is within a Seismic Hazard Zone per the Seismic Hazards Mapping Act. These zones are defined as "[a]reas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required."[18] The Project would therefore be subject to **SCA GEO-2 Seismic Hazards Zone (Landslide/Liquefaction)**, as required by the Kaiser Master Plan EIR, which requires the Applicant to implement the recommendations contained in an approved Geotechnical Report during project design and construction. Implementation of these recommendations will ensure impacts are less than significant.

The preliminary liquefaction analyses conducted for the Geotechnical Report indicate there is a thin layer of potentially liquefiable soil between depths of 13 and 15 feet bgs at the locations of two borings. A second potentially liquefiable layer was encountered in one of those borings, between depths of about 21 and 23 feet. The Report estimated total free-field ground settlement associated with liquefaction (referred to as post-liquefaction reconsolidation) at the site after the maximum considered earthquake event will be about 1/2 inch or less, and differential settlement will be less than 1/4 inch over a horizontal distance of 30 feet; however considering the foundations for the proposed building will likely bottom just above the uppermost potentially liquefiable layer, building settlement could be significantly larger than the free-field settlement. The potential adverse impact of the upper most potentially liquefiable layer could be reduced, if necessary, by excavating and re-compacting the potentially liquefiable soil. The Report recommended that the liquefaction potential of this layer should be further evaluated during the final geotechnical investigation and addressed during foundation design. With adherence to recommended measures in the California Building Code, the potential impact of liquefaction would be less than significant.

Other Seismic Conditions

The Report concluded that the potential for lateral spreading and cyclic densification at the site were low. The impacts would be less than significant.

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[16] Liquefaction Hazard Map of Alameda, Berkeley, Emeryville, Oakland, and Piedmont, California: A Digital Database by Thomas L. Holzer, Michael J. Bennett, Thomas E. Noce, Amy C. Padovani and John C. Tinsley, III. Accessed October 13, 2017 at https://pubs.usgs.gov/of/2002/of02-296/of02-296_2liq-sg.pdf.

[17] By contrast, areas surrounding the Estuary more closely are in a 73% liquefaction area.

[18] Earthquake Zones of Required Investigation Oakland West Quadrangle, California Geological Survey. Available at http://gmw.conservation.ca.gov/SHP/EZRIM/Maps/OAKLAND_WEST_EZRIM.pdf. Accessed March 9, 2018.

Soil that is unsuitable for re-use on site will be removed and disposed of at an offsite permitted landfill. Base rock will be imported to the site; decomposed granite, gravel and landscape soil will be imported as required. The terrain at the site and the surrounding area is flat. The area is not mapped as a landslide zone by the California Geological Survey. Therefore the risk of landslide is minimal at the site.[19]

The Tsunami Foundation Map for Alameda County indicates that the Project site is not within the Potential Tsunami Inundation Area. Therefore, there would be no impacts related to tsunami risk.

The Geotechnical Report concluded that the primary geotechnical concern at the site is a design groundwater level near the bottom of the proposed basement, the presence of a layer of potentially liquefiable soil at a depth of about 13 feet bgs, and providing adequate foundation support. It provided a series of recommendations regarding foundation support (Geotechnical Report, p. 10)

The Project applicant shall implement the recommendations contained in the approved Geotechnical Report for appropriate grading practices and Project design. The Project shall also implement **SCA GEO-1: Construction-Related Permits**, which requires compliance with all standards, requirements and conditions contained in construction-related codes, including but not limited to the Oakland Building Code and the Oakland Grading Regulations, to ensure structural integrity and safe construction. In addition, because the volume of excavated fill anticipated during Project construction exceeds 500 cubic yards (9,300 cy is proposed), the Project would be required to apply for a grading permit, which requires compliance with **SCA HYDRO-1: Erosion and Sedimentation Control Plan** (preparation of a grading plan, erosion and sedimentation control plan, and drainage plan, pursuant to Section 15.04.3.2240 of the Oakland Municipal Code).

Based on an examination of the analysis, findings, and conclusions of the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of significant geologic impacts identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to geology, soils, and geohazards that were not identified in the Kaiser Master Plan EIR. The Kaiser Master Plan EIR did not identify any mitigation measures related to geology, soils, and geohazards, and none would be needed for the Project. SCAs related to required construction-related permits and submission of a soils report would apply, as identified in Attachment A **(SCA GEO-1: Construction-Related Permit(s), SCA GEO-2: Geotechnical Report, and SCA HYDRO-1: Erosion and Sedimentation Control Plan**).

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[19] Association of Bay Area Government (ABAG) Resilience Program maps can be found at http://gis.abag.ca.gov/website/Hazards/?hlyr=cgsLiqZones.

6. Greenhouse Gases and Climate Change

Would the project:

a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment, specifically:

- For a project involving a land use development, produce total emissions of more than 1,100 metric tons of COe annually AND more than 4.6 metric tons of CO2-eq per service population annually. The service population includes both the residents and the employees of the project. The project's impact would be considered significant if the emissions exceed BOTH the 1,100 metric tons threshold and the 4.6 metric tons threshold.
- Accordingly, the impact would be considered less than significant if the project's emissions are below EITHER of these thresholds.

b. Fundamentally conflict with an applicable plan, policy, or regulation adopted for the purposes of reducing greenhouse gas emissions.

Kaiser Master Plan EIR

The certified Kaiser Master Plan EIR did not address the impacts on greenhouse gas emissions. The topic of greenhouse gas impacts was analyzed in the City's Housing Element 2007-2014 EIR, which was certified in 2010

Energy and Climate Action Plan

The Oakland City Council approved an Energy and Climate Action Plan (ECAP) in December of 2012. The purpose of the ECAP is to identify and prioritize actions the City can take to reduce energy consumption and GHG emissions associated with Oakland. The ECAP establishes GHG reduction actions, as well as frameworks for coordinating implementation and monitoring and reporting on progress.

Housing Element EIR

The City's 2007-2014 Housing Element EIR concluded that construction and operation of residential development proposed under the 2007-2014 Housing Element would generate GHG emissions, but those emissions would not exceed the applicable significance threshold of 4.6 MT CO2-e/Service Person/yr; therefore, impacts were found to less than significant. Specifically, its analysis found that residential development projects of fewer than 172 units would generally not result in a significant climate change impact[20] and that no project-specific GHG analysis is required for projects that do not exceed that screening size.

[20] City of Oakland 2007-2014 Housing Element Draft EIR, p. 3.5-34.

Project Analysis and Conclusion

The Project would be required to comply with applicable SCAs that would reduce GHG emissions. These include but are not limited to **SCA UTIL-1**: **Construction and Demolition Waste Reduction and Recycling Plan** and **SCA UTIL-4**: **Compliance with Green Building Requirements**.

City of Oakland SCA-38 requires a GHG Reduction Plan for projects that produce total GHG emissions exceeding one or both of the City's established thresholds of significance, and that could potentially result in a significant impact.

As noted above, the City's 2007-2014 Housing Element EIR found that residential development projects of fewer than 173 units would generally not result in a significant climate change impact and that no project-specific GHG analysis is required for projects that do not exceed that screening size.

The Project's 57 residential units are 33% of the GHG emissions screening size of 173 units in the 2007-2014 Housing EIR. In addition, the 7,207 square feet of retail represents 38% of the City's screening size of 19,000 square feet for GHG emissions from retail land use. Further, the Project is estimated to generate fewer vehicle trips than the existing land uses, and thus, fewer GHG emissions. Therefore, based on the what is the size threshold????? size threshold established by the City in the Housing Element EIR, the Project would not be expected to result in more than 1,100 MT CO2-eq annually and more than 4.6 MT CO2-eq per service population. Therefore, it would not have significant project-specific impacts related to GHG emissions and, pursuant to the City's SCA-38, neither a project-specific GHG analysis nor a Greenhouse Gas Reduction Plan is required.

The impacts on greenhouse gas emissions of implementation of the Kaiser Master Plan were not discussed in the Kaiser Master Plan EIR. However, based on the applicable thresholds for project size developed and adopted in the City's Housing Element EIR, implementation of the Project would not substantially increase the severity of significant GHG impacts identified in that prior EIR, nor would it result in new significant impacts related to GHG and climate change that were not identified in that prior EIR. No mitigation measures were identified relative to this impact in the Housing Element EIR.

7. 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;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

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;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Create a significant hazard to the public through the storage or use of acutely hazardous materials near sensitive receptors;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 (i.e., the "Cortese List") and, as a result, would create a significant hazard to the public or the environment;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

e. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

f. Result in less than two emergency access routes for streets exceeding 600 feet in length unless otherwise determined to be acceptable by the Fire Chief, or his/her designee, in specific instances due to climatic, geographic, topographic, or other conditions; or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

g. Fundamentally impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan EIR found:

- **Construction-related impacts**

  Based on the environmental site conditions reported in the Phase I and Phase II documents prepared for the Plan area, the presence of residual contaminants poses an environmental risk and potential health risk during construction and to future occupants of buildings constructed

pursuant to the Kaiser Master Plan. In addition, demolition of existing structures that contain hazardous building materials, such as lead-based paint, asbestos, and PCBs, could expose workers, the public or the environment to these hazardous materials and would generate hazardous waste. These conditions would result in potentially significant impacts. The prior EIR cites the following City Standard Conditions of Approval that would apply to all development projects proposed pursuant to the Master Plan EIR (these Standard Conditions have been updated since 2006, and **SCA HAZ-2: Hazardous Building Materials and Site Contamination (#40)** now provides equivalent or greater mitigation of impacts):

- **Standard Condition H.2a:** The project applicant shall ensure that environmental assessment and remediation would either be performed under the oversight of the ACDEH or other agencies, (e.g. RWQCB and DTSC) or be conducted by qualified professionals with experience in soil and groundwater contamination remediation. In cases where regulatory involvement is not necessary, soil and groundwater removal and disposal would still occur to mitigate the potential hazards that could result from removal of soil and/or groundwater during construction.
- **Standard Condition H.2b:** To reduce environmental risks associated with encountering contaminated soil that is discovered during grading and construction, the project applicant shall ensure that impacted soil is handled in accordance with Kaiser's Soil Management Plan, which shall be prepared to outline required procedures for handling and disposing impacted soil. All disposal and transportation of contaminated soil shall be done in accordance with state and federal agencies and under federal (RCRA) and state laws. All contaminated soil determined to be hazardous or non-hazardous waste must be adequately profiled for acceptable disposal before it can be removed from the site.
- **Standard Condition H.2c:** Groundwater pumped from the subsurface would be contained onsite prior to treatment and disposal to ensure environmental and health issues are resolved pursuant to oversight agencies (Refer to Impact G.2). Engineering controls shall be utilized, which include impermeable barriers to prohibit groundwater and vapor intrusion into the building.

With required implementation of the City's SCAs related to Hazardous Materials, as well as required compliance with hazardous materials laws, regulations, standards and oversight currently in place, the potential impacts of the Kaiser Master Plan related to construction impacts from the routine transport, use, disposal, or disturbance of hazardous materials would be less than significant. (Less than Significant)

- **Hazardous Materials Use, Storage and Disposal:** Activities at Kaiser are expected to continue to involve a wide range of chemical compounds and products. Among these would be a substantial number of hazardous materials and some extremely hazardous materials. Various types of biological waste materials would be used at Kaiser projects within the Plan area. Potentially infectious sharps, including razor blades, syringe, and needles would also be collected in plastic biohazard containers. These materials would be collected and autoclaved daily. Required compliance with applicable regulatory requirements would minimize hazards to workers, visitors, the public, and the environment from waste products to less than significant levels. (Less than Significant)

The Kaiser Master Plan EIR included detailed discussion of hazardous materials and wastes related to the provision of medical services. Since the Project has never been a medical services or related facility and is not being developed as a Kaiser-related property, the discussion of hazardous medical wastes in the Kaiser Master Plan EIR does not apply directly to the Project.

Project Analysis and Conclusion

As described above, the Kaiser Master Plan EIR found that the presence of residual contaminants poses an environmental risk and potential health risk during construction, and to future occupants of buildings constructed pursuant to the Kaiser Master Plan. In addition, demolition of existing structures that contain hazardous building materials, such as lead-based paint, asbestos, and PCBs, could expose workers, the public or the environment to these hazardous materials, and would generate hazardous waste. The Kaiser Master Plan EIR concluded that with required implementation of the City's SCAs related to Hazardous Materials, as well as required compliance with hazardous materials laws, regulations, standards and oversight currently in place, the potential construction impacts from the routine transport, use, disposal, or disturbance of hazardous materials would be less than significant.

A Phase I Environmental Site Assessment (ESA) was conducted for the two Project parcels by Cardno-Entrix.[21] The parcels were originally developed as residences in the early 20th century. In 1939, one of the parcels became a gasoline service station, and in 1958, the second parcel was developed as a gas station. In 1982, the parcel at 240 West MacArthur became an auto repair facility, while 230 West MacArthur remains a gas station.

Based on the review of available regulatory records conducted for the Phase I ESA, historic petroleum releases were identified at both the 230 and 240 West MacArthur parcels. Both sites are on the State Water Resources Board's GeoTracker list of sites that impact, or have the potential to impact, water quality in California. The relevant details of each release are summarized here.

230 West MacArthur

This site is operating as a Shell gasoline station. It has been operating as a gas station since 1939.

- In April 1986, four exploratory soil borings were advanced within the area of the underground storage tank (UST) complex at the gas station, and high levels of total petroleum hydrocarbons (TPH) were found.[22] Later that year a soil vapor survey was conducted, which reported "very high concentrations" at the storage tank fills and pump island closest to West MacArthur Blvd, and moderately high concentrations beneath much of the remaining area.

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[21] Phase I Environmental Site Assessment, Proposed Mixed Use Building, August 16, 2017. Prepared by Cardno-Entrix.

[22] Details of the environmental case at 230 West MacArthur are taken from *Case Closure for Fuel Leak Case No. RO0000303 and GeoTracker Global ID T0600101240, Shell #13-5676, 230 West MacArthur Blvd*, *Oakland*. Prepared by Alameda County Environmental Health Services. January 23, 2013.

- In 1986, two 8,000-gallon gasoline USTs and one 10,000-gallon gasoline UST were removed. New USTs were installed in the same excavation.
- Groundwater monitoring was conducted at the site from 1998 through 2012, when the five monitoring wells onsite were decommissioned and removed. Monitoring and sampling has been conducted in coordination with the adjacent parcel at 240 West MacArthur since 2003. Constituent concentrations of TPH, benzene (a component of gasoline), toluene, ethylbenzene, xylenes, methyl tert-butyl ether (MTBE), and di-isopropyl either (DIPE) have generally been highest in the monitoring well immediately downgradient of the former UST and dispenser islands. Overall decreases in constituent concentrations were generally observed in groundwater monitoring results from the site, indicating that natural attenuation of dissolved petroleum hydrocarbons is apparently taking place.
- In October 2002, a sensitive receptor survey and conduit study identified a storm drain located just west of the site, along West MacArthur Blvd, as a potential preferential pathway for contaminant migration. In October 2003, an additional sensitive receptor survey was completed to identify basements within 200 feet, surface water, and sensitive habitats within 500 feet. No basements were observed within 200 feet and no surface water or sensitive habitats were observed within 500 feet.
- The site received regulatory closure on January 23, 2013, based on the completion of a site investigation and remedial actions taken for the USTs formerly located at the site. The Site Closure Summary stated the following conditions that existed at the time of closure:
    - Total Petroleum Hydrocarbons as gasoline remain in soil at concentrations up to 2,700ppm.
    - Total Petroleum Hydrocarbons as gasoline remain in groundwater at concentrations up to 7,600 ppm.
    - Soil sample results indicate that vadose zone soils with elevated concentrations are generally limited to the dispenser area south of the kiosk.
    - Based on the generally low concentrations of benzene remaining in groundwater and the depth of groundwater, the potential for vapor migration from the groundwater surface or capillary fringe to indoor air appears unlikely.

The closure was granted with contaminants remaining in place and subject to property use restrictions. The Closure Summary states, "[ACEH] staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use as a gasoline service station based upon the information available in our files to date."[23] The Site Management Requirements included in the Closure Summary limit future land use to the current commercial land use a gasoline service station only (no deed restrictions were filed). The requirements state that "if a change in land use to any residential or other conservative land use scenario occurs at this site, [ACEH] must be notified as required by Government Code Section 65850.2.2.

[23] Ibid. p. 6 of 7.

ACEH will re-evaluate the case upon receipt of approved development/construction plans."[24]

240 West MacArthur

This parcel was formerly a Gulf service station and tire sales company. It is now operated as Oakland Auto Works, an auto repair facility. The source of the fuel contamination is attributed to the former Gulf service station. Until August 15, 2017 the site was under the regulatory supervision of the San Francisco Bay Regional Water Quality Control Board (RWQCB). On that date, pursuant to a Voluntary Remedial Action Agreement, ACEH assumed regulatory supervision over a combined site consisting of both 230 and 240 West MacArthur.[25]

- Several phases of soil and groundwater investigation have been conducted since 1997 to determine the magnitude and extent of contamination at 240 West MacArthur. The fuel contamination in site soil and groundwater occurred from leaks associated with three former underground fuel (gasoline and diesel) tanks which were removed prior to 1991, a waste oil sump removed in 1991, and a waste oil underground storage tank removed in 1996.
- The primary site contamination consists of gasoline, diesel, and benzene, typical of former gas stations. A mass of residual soil contamination has been determined to occur at depths between approximately 13 and 20 feet below grade in the immediate vicinity of the former underground fuel tanks and adjacent to and under the current building. This source area contamination is responsible for the continued relatively-elevated concentrations of fuel detected in groundwater in the site wells and soil vapor.
- Quarterly groundwater monitoring conducted since August 1997 adequately demonstrated the groundwater and contaminant trends and therefore, the monitoring frequency was reduced in 2009. Soil vapor extraction was conducted in 2001 and 2007 to extract petroleum vapor and impacted groundwater.
- The contaminant plume in groundwater showing concentrations above threshold drinking water concentrations is approximately 160 feet long by 120 feet wide and primarily located within the property boundary. However, the local shallow groundwater is not used for drinking water.
- Remediation of the site was conducted from September to December 2015 pursuant to an approved Revised Corrective Action Plan (CAP) dated October 27, 2014. The CAP proposed a Dual Phase Extraction (DPE) system intended to remove secondary sources of contaminants, lowering the potential risk to workers at the site and to the basement of the adjacent medical building. With regulatory approval, a two-phase extraction (TPE) was selected instead as the

[24] Ibid, p. 5 of 7.

[25] Alameda County Department of Environmental Health, Voluntary Remedial Action Agreement, Case RO0003259, 230-240 West MacArthur Blvd. Signed by ACEH, August 15, 2017.

appropriate technical solution instead of the DPE system.[26] 4,255 pounds of total petroleum hydrocarbons and approximately 391,000 gallons of contaminated groundwater were removed from existing wells located near the former underground storage tanks and closest to the adjacent medical building.

- In May 2016, the RWQCB compared the site with the criteria outlined in its Low-Threat Underground Storage Tanks Case Closure Policy (LTCP), and noted that the last recorded concentration of benzene in extracted vapor from the five remediation wells exceeds the LTCP criteria. Additionally, oxygen and naphthalene in soil vapor have not been measured at the site as required by the LTCP. Based on the presence of a former waste oil tank at the site, chlorinated volatile organic compounds were also required by RWQCB to be analyzed in soil vapor. RWQCB required an additional work plan to complete necessary remediation.
- An additional work plan was prepared and approved, but analytical and technical problems with soil vapor probes have slowed the progress towards meeting the remaining LTCP criteria. As of this writing, the case is now classified as Verification Monitoring.

Pursuant to the recent consolidation of both parcel cases under the County's Local Oversight Program (August 2017), ACEH has detailed the process by which both parcels can eventually be approved for residential development. ACEH recently approved a work plan submitted by the Applicant to conduct groundwater monitoring and sampling November 9, 2017[27]. The work plan also includes a Health and Safety Plan and a Traffic Control Plan, which addresses specific hazards associated with working in Howe Street and West MacArthur traffic lanes.

The process of remediation, monitoring, and evaluation that is intended to lead to site closure for residential land use includes preparation and submittal of the following documents by the Applicant's environmental team (Cardno-Entrix), each of which must be approved by ACDEH:

- Remediation Implementation Plan
- Soil and Groundwater Construction Management Plan
- Dewatering Plan
- Remedial Action Completion Report
- Soil Import Plan

Pending the results of investigation and remedial activities during construction, the following plans may be required, if ACDEH determines they are needed:

- Land Use Covenants, which could require the installation of a sub slab liner to prevent vapor intrusion

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[26] TPE method was chosen because TPE is ideal for soil and groundwater remediation when the extraction well is not capable of producing more than two gallons per minute of water, which applied to the site *Multi-Phase Extraction Report, 240 West MacArthur Blvd*, January 12, 2016. Prepared by SOMA Environmental Engineering.

[27] Conditional Approval of Work Plan for Groundwater Monitoring for Site Cleanup Program Case No. RO0003259 and GeoTracker Global ID T10000010741, 230-240 W. MacArthur Boulevard. Alameda County Department of Environmental Health, Local Oversight Program, November 9, 2017.

- Post Closure Monitoring Plan
- Annual and 5-Year Review Plan

ACDEH is responsible for ensuring that the Project would not present an unacceptable risk to human health or the environment, and their review of the detailed project design, construction methods, and review and final approval of the Soil and Groundwater Management Plan would include actions to address known and potentially undiscovered contamination at the site, including:

- Soil management protocols for excavating and handling soil at the site;
- Soil testing and analytical protocol;
- Handling procedures for contaminated soil;
- Minimizing soil and groundwater contact by construction workers;
- Groundwater and dewatering activity management;
- Site control;
- Vapor Monitoring;
- Dust Control Measures;
- Decontamination; and
- Stormwater pollution controls

Consistent with the requirements of CEQA, this document provides a determination of whether the Project would have a significant impact. Where applicable, Standard Conditions of Approval and/or mitigation measures in the Kaiser Master Plan EIR have been identified that serve to mitigate potential impacts. In some instances, exactly how the measures/conditions identified will be achieved awaits completion of future studies, an approach that is legally permissible where measures/conditions are known to be feasible for the impact identified, where subsequent compliance with identified federal, state or local regulations or requirements apply, where specific performance criteria is specified and required, and where the Project commits to developing measures that comply with the requirements and criteria identified. In this case, certain studies required pursuant to SCAs and regulatory requirements for hazardous materials have been completed (i.e., Phase I and Phase II ESAs, 2016 Remedial Action Completion Workplan for Groundwater Monitoring), and 230 W. MacArthur has been granted closure for commercial use only. Implementation of the recommendations and requirements of an approved Health & Safety Plan, and the requirements for future monitoring and sampling under the regulatory supervision of the ACDEH, will ensure that impacts related to hazardous materials will be less than significant.

Hazardous Materials within a Quarter Mile of a School

The Housing Element EIR found that if construction of a site within one-quarter mile of an existing school would involve removal or remediation of contaminated soils, groundwater or building materials, an impact could occur. Individual development projects would be required to comply with SCA-HAZ-1 through HAZ-3, as described above. Compliance with SCAs identified in the Housing Element EIR, along with General Plan Policy HM-1 and HM-3, and Actions HM-1.2 through HM-1.6, and HM-3.1 through HM-3.4, would mitigate impacts to existing schools to a less-than-significant level. Since the occupation

of residential housing does not involve handling of acutely hazardous substances or wastes, once construction is complete, the proximity of residential development(s) would have a less-than-significant impact to existing or proposed schools.

Emergency Access Routes

Figure 7.4 of the Safety Element of the City's General Plan shows that the City's designated emergency evacuation routes in the vicinity of the Project site include West MacArthur Boulevard, Broadway, and Piedmont Avenue. The Project would remove four existing driveways along the evacuation routes--three on West MacArthur Boulevard and one on Piedmont Avenue—which reduces the number of potential conflict points on the existing emergency evacuation routes.

The Project is adjacent to the Kaiser Permanente Oakland Medical Center. Kaiser Permanente emergency services entrances are located on Piedmont Avenue south of West MacArthur Boulevard. Considering the location of the Project driveway, type of use, and the net reduction in automobile trip generation, the Project would not alter access for emergency vehicles.

The Project would not block or remove any existing emergency access routes to the area, and would therefore not result in fewer than two emergency access routes.

As mentioned above, the Site Management Restrictions for 230 West MacArthur require that ACEH re-evaluate the land use restriction to commercial use upon receipt of approved development/construction plans. The Project will be required to follow all applicable laws and regulations related to transportation, use, and storage of all hazardous materials, as well as to safeguard workers and the general public. The Project would also be required to comply with **SCA HAZ-1: Hazardous Materials Related to Construction,** and **SCA HAZ-2: Site Contamination**, which require the implementation of best management practices and health and safety plans for hazardous materials. In addition, to the extent that demolition of the structure at the Project site involves asbestos and/or lead paint, the Project must comply with **SCA AIR-3: Asbestos in Structures**, which requires the applicant to comply with all applicable laws and regulations regarding demolition and renovation of asbestos-containing materials. The Project will also be subject to **SCA HAZ-3: Regulatory Permits and Authorizations from Other Agencies**, which requires the Applicant to obtain all necessary regulatory permits and authorizations from applicable resource/regulatory agencies—for this project, specifically, Alameda County Department of Public Health and the State Regional Water Resources Control Board and which will require, but is not limited to, the further approval and implementation of:

- Remediation Implementation Plan
- Soil and Groundwater Construction Management Plan
- Dewatering Plan
- Remedial Action Completion Report
- Soil Import Plan

Based on an examination of the analysis, findings, and conclusions of the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of significant impacts identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to hazards and hazardous materials that were not identified in the Kaiser Master Plan EIR. The Kaiser Master Plan

EIR did not identify any mitigation measures related to hazards and hazardous materials, and none would be needed for the Project. SCAs related to asbestos removal; lead-based paint/coatings; PCBs; ESA reports and remediation; health and safety plans; and groundwater and soil contamination would apply to the Project, as identified in Attachment A at the end of the CEQA Checklist (**SCA HAZ-1: Hazardous Materials Related to Construction, SCA AIR-3: Asbestos in Structures, and SCA HAZ-2: Site Contamination**). The impacts of the Project related to hazards and hazardous materials would be less than significant.

8. Hydrology and Water Quality

Would the project:

a. Violate any water quality standards or waste discharge requirements;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Result in substantial erosion or siltation on or off site that would affect the quality of receiving waters;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Create or contribute substantial runoff which would be an additional source of polluted runoff;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

d. Otherwise substantially degrade water quality;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

e. Fundamentally conflict with the City of Oakland Creek Protection Ordinance (OMC Chapter 13.16) intended to protect hydrologic resources.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

f. 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 proposed uses for which permits have been granted);

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

g. Create or contribute substantial runoff which would exceed the capacity of existing or planned stormwater drainage systems;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

h. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course, or increasing the rate or amount of flow, of a creek, river, or stream in a manner that would result in substantial erosion, siltation, or flooding, both on or off site.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

i. Result in substantial flooding on or off site; Place housing within a 100-year flood hazard area, as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map, that would impede or redirect flood flows; or expose people or structures to a substantial risk of loss, injury, or death involving flooding.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan Area lies in the Glen Echo Creek watershed at an elevation ranging between 80 and 100 feet above mean sea level (amsl), and all portions of the Plan Area drain into the creek. Glen Echo Creek has alternating daylighted and culverted sections along its length from its origin above the Mountain View Cemetery at the northern terminus of Piedmont Avenue, to 1.25 miles southwest to its outlet in Lake Merritt. Portions of the Glen Echo Creek culvert in the Plan Area lie beneath existing buildings located adjacent to the Site 7 of the Kaiser Master Plan (Phase 1).

The Kaiser Master Plan EIR concluded that:

- **Construction Impacts on Water Quality Standards**—Construction of Plan facilities would involve activities (excavation, soil stockpiling, pier drilling, grading, dredging, etc.) that would generate loose, erodable soils that, if not properly managed, could violate water quality standards or waste discharge requirements; result in substantial erosion or siltation; create or constitute substantial polluted runoff; or otherwise substantially degrade water quality. The Plan is required to comply with City SCAs, including:
    - Standard Condition G.1a: **Erosion and Sedimentation Control Plan for Construction.** The City has updated this SCA since 2006 and determined that **SCA-50: NPDES C.3 Stormwater Requirements for Regulated Projects** (identified for the proposed Project as **SCA-HYDRO-2**) now provides equivalent or greater mitigation from potential water quality impacts
    - C.3 Stormwater Requirements for Regulated Projects.
    - In addition, for demolition and construction activities adjacent to Glen Echo Creek during the wet season (November to March), the Plan sponsor was required to design and implement a City-approved temporary bypass culvert for Glen Echo Creek. The Kaiser Master Plan EIR concluded that these measures would reduce potential construction impacts to water quality standards to a less than significant level.
- **Construction Impacts on Groundwater Resources**—Kaiser Master Plan excavation activities would not deplete groundwater supplies nor substantially interfere with groundwater recharge or cause contaminated groundwater discharge to contaminate surface water. (Less than Significant)
- **Substantial Runoff--**Grading and excavations associated with future development could expose underlying soils to erosion or siltation, leading to downstream sedimentation in stormwater runoff. However, with required implementation of City SCA #50: C.3 Stormwater Requirements for Regulated Projects, impacts related to erosion or siltation would be reduced to less than significant levels.
- **Drainage Pattern**—Although some construction activities could involve rerouting the existing Glen Echo Creek culvert and would thus alter the existing directional flow along a segment of the creek, they would not result in a "substantial alteration" constituting a significant adverse environmental effect. (Less than significant)
- **Flooding Conditions**—Implementation of the Plan would not result in a net increase in impervious surfaces and would not cause an increase in the volume of project-related

stormwater runoff. Implementation would not violate any waste discharge requirements that would create substantial runoff and result in substantial flooding onsite or offsite. Nor would Plan projects exceed the capacity of the stormwater drainage system. With compliance with the C.3 provisions of the Regional NPDES permit, impacts would be less than significant.

Project Analysis and Conclusion

At its closest distance, a culverted section of Glen Echo Creek lies approximately 375' west of the Project site, as the creek passes under West MacArthur Boulevard. The closest open section of the creek is further downstream, almost 700' away from the Project site, just before the creek re-enters a culvert above Interstate 580.

Groundwater monitoring conducted at 240 West MacArthur in 2016 showed the depth to groundwater in the wells ranging from 17.07 to 18.96 feet below top of casing, and the groundwater flow direction was to the southwest with a horizontal gradient of 0.013 feet/feet (SOMA, 2016). If groundwater dewatering is required during construction, approval of groundwater discharge will need to be granted by East Bay Municipal Utility District (EBMUD). A permit must be obtained from the Regional Water Quality Control Board prior to any groundwater discharge to the city's sanitary sewer system.

The Project will create or replace 21,789 sf of impervious surface, which represents 93% of the lot area. The County's Municipal Regional Stormwater NPDES Permit allows certain types of Projects to use non-Low Impact Development (LID) stormwater runoff treatment methods if the Project falls into one of three categories of smart growth, high density, transit-oriented development. The proposed Project qualifies as a "Category B" Special Project[28]; within that category, its development density of 105 dwelling units/acre allows it to apply non-low impact development treatment measures to 100% of its stormwater runoff.

The Project proposes to use a vault-based high flow rate media filter with four cartridges to accept the drainage from the site's pipe system and drain with sufficient slope to the nearest catch basin. The entire Project would be constructed as a single drainage management area. The filter will be located at the rear of the property, towards Howe Street. The media filter system was sized based on the flow hydraulic design basis, using the specifications of the Alameda County Clean Water Program Guidelines.[29] This system meets the Technical Guidance requirements of:

- Replaceable cartridge filters
- Maximum design filter surface loading rate of 2 gallons per minute (gpm)/ft^2
- Storage volume detains runoff and allows settling of coarse solids prior to filtration

[28] C.3 Technical Guidance, A handbook for developers, builders, and project applicants, Version 5.1, May 2, 2016. Appendix J. Available at https://www.cleanwaterprogram.org/uploads/C.3_Tech_Guidance_v5.1_FINAL_May_2016_hi_res.pdf. Accessed 9/21/17.

[29] Ibid, Chapter 5.

- Flow through the cartridge filters is controlled by an orifice or other device so that the design surface loading rate is not exceeded

In addition, applicable site design and source control measures will be implemented to minimize stormwater runoff pollution. Proposed site design measures for the Project include minimizing impervious surfaces and minimizing stormwater runoff by directing roof runoff into cisterns or rain barrels for reuse, and into vegetated areas.

Source control measures proposed for the Project include:

- Covering trash storage areas and designing these areas to prevent stormwater run-on into the trash area;
- Discharging covered trash, food waste, and compactor enclosures to the sanitary sewer;
- Discharging fire sprinkler test water to onsite vegetated areas;
- Using efficient irrigation system to minimize irrigation and runoff;
- Promoting surface infiltration;
- Minimizing the use of pesticides and fertilizers; and
- Installing stenciling at storm drain inlets, such as "No Dumping—Drains to Bay."

Since the Project site is relatively flat and largely covered with impervious surfaces, and would remain so under the Project, the Project would not substantially alter drainage patterns or increase the flow of runoff from the site.

The Project site is located outside of the 100-year flood hazard zone, labeled by the Federal Emergency Management Agency (FEMA) as an Area of Minimal Flood Hazard (Zone X)[30], and therefore flooding hazards are not expected to affect the Project.

The Project will be required to comply with **SCAs HYDRO-1 and HYDRO-2,** which include submittal of a Stormwater Management Plan that includes site design, source control, and stormwater treatment measures. The Project sponsor must submit the Post-Construction Stormwater Management Plan to the City for review and approval with the project drawings submitted for site improvements, and shall implement the approved Plan during construction. The requirements of the Stormwater Management Plan are further detailed in Attachment A.

Based on an examination of the analysis, findings, and conclusions of the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of significant impacts to water quality and hydrology identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to hydrology and water quality that were not identified in the Kaiser Master Plan EIR. The Kaiser Master Plan EIR identified no mitigation measures related to hydrology and water quality, and none would be required for the Project. Furthermore, the Project would not need to

[30] Federal Emergency Management Agency, 2009. Flood Insurance Rate Map, Alameda County, California and Incorporated Areas, Map Number **06001C0059G**, accessed 10-23-2017.

construct a temporary bypass for Glen Echo Creek. The Project would be required to implement SCAs related to stormwater, drainages and drainage patterns, and water quality, as identified in Attachment A **(SCA HYDRO-1: Erosion and Sedimentation Control Plan for Construction,** and **SCA HYDRO-2: NPDES C.3 Stormwater Requirements for Regulated Projects).**

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9. Land Use, Plans, and Policies

Would the project:

a. Physically divide an established community or result in a fundamental conflict between adjacent or nearby land uses;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Fundamentally 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 and actually result in a physical change in the environment; or.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Conflict with any applicable habitat conservation plan or natural community conservation plan

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan EIR found that:

- **Divided Community**--The Kaiser Master Plan would develop new and different uses and buildings adjacent to existing neighborhoods east and west of the project, but would not result in the physical division of an existing community or conflict with adjacent land uses. (Less than significant)
- **Consistency with Plans, Policies, and Regulations**
  - The Kaiser Master Plan generally would be consistent with the General Plan land use classifications and zoning district regulations that apply to the Plan area, but may require variances authorized by the Oakland Planning Code. These variances were not found to result in significant physical environmental impacts. (Less than Significant)
  - There is no Habitat Conservation Plan, Natural Community Conservation Plan, or other adopted habitat conservation plan applicable to the Plan area. Therefore, the Kaiser Master Plan would not conflict with such plans. (No impact)

Project Analysis and Conclusion

The Project's General Plan land use classification is Neighborhood Center Mixed Use (CN). As provided in the General Plan, the intent for the CN is to "to identify, create, maintain, and enhance mixed use neighborhood commercial centers…typically characterized by smaller scale pedestrian-oriented, continuous street frontage with a mix of retail, housing, office, active open space, eating and drinking

places, personal and business services, and smaller scale educational, cultural, or entertainment uses." The desired character should be commercial or mixed uses that are pedestrian-oriented and serve nearby neighborhoods…." The maximum allowable floor-to-area ratio (FAR) is 4.0.

The Project site is located in the Neighborhood Center Commercial-2 (CN-2) Zone. The site also contains a zoning overlay designation of K-DP-3. Code Section 17.101D.010(C), states, "The existing [CN-2] zoning designation shall remain as the applicable zoning district, and the zoning regulations associated with that zoning district shall govern all development and use of the property […unless] Design Review for the parcel/lot is approved by the City in accordance with the provisions of the D-KP District, with the consent of the property owner". The two parcels that comprise the Project site have not been acquired by Kaiser, and the Project is not being proposed pursuant to the D-KP District zoning regulations. The D-KP zoning overlay is not applicable to the Project.

Section VIII of this document, Consistency with Community Plan, details the ways in which the proposed Project is consistent with the intent, policies, and regulations of the CN-2 zoning district, including the use of incentives that allow the Project to waive certain development standards because it proposes to assign more than 10% of its dwelling units as affordable for "very low income" residents.

Because the residential and commercial land uses proposed by the Project were included in the re-zoning proposed by the Kaiser Master Plan and the prior EIR concluded there were no significant land uses impacts, there is no conflict or inconsistency between the Project and the nearby or adjacent land uses.

Based on an examination of the analysis, findings, and conclusions in the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of the significant impacts identified in that EIR, nor would it result in new significant impacts related to land uses, plans, or policies that were not identified in the Kaiser Master Plan EIR.

10. Noise

Would the project:

a. Generate noise in violation of the City of Oakland Noise Ordinance (Oakland Planning Code Section 17.120.050) regarding construction noise, except if an acoustical analysis is performed that identifies recommended measures to reduce potential impacts. During the hours of 7:00 p.m. to 7:00 a.m. on weekdays and 8:00 p.m. to 9:00 a.m. on weekends and federal holidays, noise levels received by any land use from construction or demolition shall not exceed the applicable nighttime operational noise level standard;

Generate noise in violation of the City of Oakland nuisance standards (Oakland Municipal Code Section 8.18.020) regarding persistent construction-related noise;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Generate noise in violation of the City of Oakland Noise Ordinance (Oakland Planning Code Section 17.120.050) regarding operational noise;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Generate noise resulting in a 5 dBA permanent increase in ambient noise levels in the project vicinity above levels existing without the project; or, if under a cumulative scenario where the cumulative increase results in a 5 dBA permanent increase in ambient noise levels in the project vicinity without the project (i.e., the cumulative condition including the project compared to the existing conditions) and a 3-dBA permanent increase is attributable to the project (i.e., the cumulative condition including the project compared to the cumulative baseline condition without the project);

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

d. Expose persons to interior L_{dn} or CNEL greater than 45 dBA for multi-family dwellings, hotels, motels, dormitories and long-term care facilities (and may be extended by local legislative action to include single-family dwellings) per California Noise Insulation Standards (CCR Part 2, Title 24);

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

e. Expose the project to community noise in conflict with the land use compatibility guidelines of the Oakland General Plan after incorporation of all applicable Standard Conditions of Approval;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

f. Expose persons to or generate noise levels in excess of applicable standards established by a regulatory agency (e.g., occupational noise standards of the Occupational Safety and Health Administration [OSHA]); or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

g. During either project construction or project operation expose persons to or generate ground-borne vibration that exceeds the criteria established by the Federal Transit Administration (FTA).

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan EIR concluded that:

- **Construction Noise**--Construction activities would intermittently and temporarily generate noise levels above existing ambient levels in the Plan area vicinity. With implementation of applicable City SCAs for Construction Days/Hours, Noise Control, and Extreme Construction Noise, construction noise levels would not violate the City's Noise Ordinance or its nuisance standards regarding persistent construction-related noise, and construction noise impacts would be less than significant.
- **Operational Noise**
    - Noise modeling using Federal Highway Administration's Noise Prediction Model was conducted for roadway segments on West MacArthur Boulevard, Piedmont Avenue, Manila Avenue and Broadway using data from the Traffic Report prepared by Fehr & Peers. As a rule of thumb, a doubling in traffic would lead to a perceptible ($\geq$3dBA) increase in traffic noise. Noise from traffic generated by implementation of the Kaiser Master Plan would not significantly increase roadside ambient noise levels. (Less than Significant)
    - Operational noise generated by HVAC equipment, generators, truck loading/unloading, and other sources would not substantially impact nearby noise-sensitive receptors. (Less than Significant)
- **Interior Noise Levels--**Given the measured exterior noise levels in the vicinity of the Plan Area (ranging from 65.3 to 71.5 dBA), the interior noise levels in rooms used for overnight use could exceed the interior noise standard [for residences] of DNL 45 dBA, according to the City of Oakland General Plan Noise Element. To comply with the interior noise requirements of the City of Oakland's General Plan Noise Element, project applicants must submit a Noise Reduction Plan that contains noise reduction measures in the form of sound-rated assemblies (i.e., windows, exterior doors, and walls) that shall be incorporated into project building design. (Less than Significant)

Project Analysis and Conclusion

Noise Exposure

The Kaiser Master Plan EIR analyzed five (5) short-term (15-minute) measurements conducted for the Plan on a weekday at different locations during the afternoon peak hour. The closest measurement to the Project was at the intersection of West MacArthur Boulevard and Piedmont Avenue at the Piedmont Apartments, approximately ~250 ft. from the Project. The existing noise level (L_{eq}) was 71.5 dB. Noise levels between 60-70 DB are considered Conditionally Acceptable for residential land uses. Noise levels above 70 dB are considered Normally Unacceptable, meaning that development should generally be discouraged, that development may be undertaken only if a detailed analysis of the noise-reduction

requirements is conducted, and if highly effective noise insulation, mitigation, or abatement features are included in the design. City **SCA NOI-3: Exposure to Community Noise**, requiring a Noise Reduction Plan that achieves an acceptable noise level (≤45 dBA for residences), applies to projects proposed in areas with noise levels that are Normally Unacceptable.

The Project would be constructed over approximately 24 months. Construction activities would consist of demolition of the existing buildings and surface parking lot, excavation and grading, foundation construction, and construction of the building and finishing interiors. There is nothing unique or peculiar about the Project's construction activities that would substantially increase the level of significance of construction noise impacts over those identified in the Kaiser Master Plan EIR, or result in new significant construction noise impacts not previously identified. The Project does not propose to use pile-driving and is not a vibration-sensitive use or adjacent to a vibration-sensitive site.. The Project would be required to implement **SCA NOI-1: Construction Days/Hours** to limit the days and hours of construction; **SCA NOI-2: Construction Noise,** requiring use of best available noise reduction techniques; **SCA NOI-3: Extreme Construction Noise,** requiring submission of a Construction Noise Management Plan; and **SCA NOI-4: Construction Noise Complaints,** requiring procedures for gathering and resolving noise complaints.

The Project would violate the City's operational noise standards if it produced more than a 5 dBA permanent increase in ambient noise levels above levels existing without the Project. By the principles of audio transmission, a doubling of the sound source produces a 3 dBA increase in noise levels, which is the minimum increase perceptible to the human ear.

During operation of the Project, noise from increased residential and commercial traffic, including truck deliveries, would be generated. However, there is nothing unique or peculiar about the Project's traffic that would substantially increase the severity of significant traffic noise impacts identified in the WOSP EIR or result in new significant traffic impacts. As discussed in the Transportation section, the proposed Project actually will generate fewer vehicle trips than the existing land use; therefore, the Project would not result in a doubling of the principal ambient sound source, and thus would not produce a 5 dBA increase in ambient noise.

The Project would be required to implement **SCA NOI-5: Exposure to Community Noise**, requiring submission of a Noise Reduction Plan that contains noise reduction measures (e.g., sound-rated window, wall, and door assemblies) to achieve an acceptable interior noise level in accordance with the land use compatibility guidelines of the Noise Element of the Oakland General Plan; and **SCA NOI-6: Operational Noise** to ensure the application of measures to reduce operational noise impacts to comply with City Planning and Municipal code standards.

With implementation of **SCA NOI-5** and **SCA NOI-6**, the Project would not violate the City of Oakland operational noise standards and noise generated by mechanical equipment and delivery trucks at the site would be less than significant, consistent with the finding in the Kaiser Master Plan EIR.

Based on an examination of the analysis, findings, and conclusions of the Kaiser Master Plan EIR, the Project would not substantially increase the severity of significant noise impacts identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to noise that were not identified

in the Kaiser Master Plan EIR. The Project would be required to implement SCAs to reduce construction noise, achieve interior noise standards, and require mechanical equipment to meet applicable noise performance standards.

11. Population and Housing

Would the Project:

a. Induce substantial population growth in a manner not contemplated in the General Plan, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extensions of roads or other infrastructure), such that additional infrastructure is required but the impacts of such were not previously considered or analyzed;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere in excess of that contained in the City's Housing Element; or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere in excess of that contained in the City's Housing Element.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan EIR estimated that, after accounting for both the growth of employment in Kaiser medical center uses and the change in employment in non-Kaiser commercial uses in the Plan area, total employment at buildout would be approximately 5,880. This represented a net increase of 1,610 jobs (an increase of approximately 38 percent) over the employment estimated for the Plan area in 2004/05.

The Kaiser Master Plan EIR concluded that:

- **Population**--Implementation of the Plan would not induce substantial population growth in a manner not anticipated by the General Plan, either directly by proposing new housing or businesses, or indirectly through infrastructure improvements. (Less than Significant)
- **Housing**--Implementation of the Plan would displace existing housing and residents, but not in substantial numbers necessitating the construction of replacement housing elsewhere, in excess of that anticipated in the City's Housing Element. (Less than Significant)
- **Employment**--Implementation of the Plan would displace existing businesses and jobs, but not in substantial numbers necessitating construction of replacement facilities elsewhere, in excess of that anticipated in the City's General Plan. (Less than Significant)

Project Analysis and Conclusion

The Project would replace two commercial gas station/auto service sites with a single structure, providing 57 rental dwelling units, five of which will be designated as affordable to very low income households, and three units of commercial space (totaling approximately 7,200 sf). The addition of 57 net housing units is expected to add 107 residents in the area[31]. Construction of the Project would employ 5 to 20 construction workers per day on a temporary basis. Approximately 15 workers would be permanently employed within the approximately 7,200 square feet of ground-floor commercial space.

The Project is not located within any of the City's Redevelopment areas for which specific housing quantity goals have been adopted by the City (it is just outside the boundary of Subarea 1 of the Broadway/MacArthur/San Pablo Redevelopment Plan). However, the Project is within the MacArthur Transit Village Planned Priority Development Area (PPDA). According to Plan Bay Area 2040 (2013), the Bay Area's Sustainable Communities Strategy, "planned improvements [to this PPDA] include attractive streetscapes, abundant housing choices, ground floor neighborhood serving retail, a new public place adjacent to retail, community space, a new BART plaza, and improved shuttle service."[32]

According to Plan Bay Area 2040, the MacArthur Transit Village PPDA had a population of 16,934 in 2010. Plan Bay Area population projections estimate a population growth to 29,382 by 2040, representing an average annual population growth of 2.4%. This compares to a projected regional annual growth rate of 1.4% for the City of Oakland overall.[33] Oakland's Housing Element 2015-2023 established a goal of 3,040 new housing units constructed from January 2015-June 2023, of which 940 would be affordable to Very Low income levels. The Project represents 1.9% of the total new construction goal, and 0.5% of the target for Very Low income housing units.[34] The Project thus represents a relatively small contribution to this target. The Project will not displace existing residents.

The Project proposes over 7,200 sf of commercial space, with the following approximate split of uses: sit-down restaurant (~1,700 sf), fast-casual restaurant (~3,500sf), and ~2,000 of service commercial, in addition to 1,000 of space for the leasing office. Based on estimates of employees per square foot of space by building type, this yields an estimate of approximately 60 full-time equivalent jobs produced by the Project, compared to an estimate of approximately 40 employees current working at the two business onsite.[35] The Project would likely result in a small net gain in employment opportunities in the

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[31] The City's Housing Element of the General Plan assumes approximately 1.87 residents per dwelling unit. Jobs are calculated using a standard generation rate of 500 square feet per employee.

[32] Visions for Priority Development Areas: Jobs-Housing Connection Strategy, May 2012. Available at https://abag.ca.gov/abag/events/agendas/e051712a-Item%204.A.2.c,%20PDA%20Narratives%20with%20county%20narratives.pdf. Accessed October 24, 2017.

[33] City of Oakland Housing Element 2015-2023, Table 3-58.

[34] Ibid. Table 8-1.

[35] Estimates of employees per sf were used to project the number of full-time equivalent jobs. These estimates were developed by the Institute of Transportation Engineers and provided by the U.S. Green Building Council: Sit-down quality restaurant—134 sf/employee (1800 sf/13 jobs); Sit-down high turnover restaurant 100 sf/employee (3500sf/35 jobs); bank

area. Based on an examination of the analysis, findings, and conclusions in the Kaiser Master Plan EIR, the Project would not substantially increase the severity of any significant impacts related to population and housing, nor would it result in new significant impacts related to population and housing that were not identified in the Kaiser Master Plan EIR. The Kaiser Master Plan EIR did not identify any mitigation measures or SCAs related to population and housing, and none would be required for the Project.

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317 sf/employee (2100sf/7 jobs); small office 228 sf/employee (1000sf/5 jobs); auto repair (only) 400 sf/employee (11,500 sf/29 jobs). Gas stations were estimated to generate 10 jobs. Available at https://www.usgbc.org/Docs/Archive/General/Docs4111.pdf. Accessed March 14, 2018.

12. Public Services, Parks, and Recreation Facilities

Kaiser Master Plan EIR

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 following public services:

- Fire protection;
- Police protection;
- Schools; or
- Other public facilities

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Increase the use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated; or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Include recreational facilities or require the construction or expansion of recreational facilities which might have a substantial adverse physical effect on the environment.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

The Kaiser Master Plan EIR concluded that:

- **Fire Protection**—Implementation of the Kaiser Master Plan would result in an increase in the number of calls for fire protection services and emergency medical assistance, but would not require new or physically altered fire facilities in order to maintain acceptable performance objectives. (Less than Significant)
- **Police Protection**—Implementation of the Kaiser Master Plan would result in an increase in calls for police protection services, but would not require new or physically altered police facilities in order to maintain acceptable performance objectives. The Plan would result in increased development intensity in the Plan area as well as increase the onsite population (employees and visitors). However, the Police Department did not anticipate the need for new physical facilities as a result of implementation of the Plan (Less than Significant)
- **Schools**—Implementation of the Kaiser Master Plan could result in new students for local schools (due to indirect increases from relocation of new employees to the area), but would not require new or physically altered school facilities to maintain acceptable performance objectives. Oakland Unified School District (OUSD) collects school impact fees from residential and non-residential development. Under California Government Code Sections 65995, 65996(a) and 65996(b), payment of these fees is deemed to be full and complete mitigation for additional students resulting from new development. (Less than Significant, Payment of fees as mitigation required)

- **Parks, Recreation, and Libraries**—Implementation of the Kaiser Master Plan would increase the demand for parks and recreational facilities, and library facilities, but would not result in substantial physical deterioration of such facilities or require new or physically altered facilities in order to maintain acceptable performance objectives. The effect of Kaiser Master Plan development on parks, recreation and library facilities would be indirect, resulting from the provision of additional employment opportunities, which, in turn, could increase the resident population in Oakland and surrounding communities. (Less than Significant)

Project Analysis and Conclusion

The Project would construct 57 residential units, housing approximately 107 people, and add approximately 7,200 square feet of retail space. The Project's minor increases in demand for public services are accounted for and consistent with the analysis in the Kaiser Master Plan EIR. Impacts would be less than significant.

The Project would likely result in only a minimal increase in student enrollment at local schools. Based on the rates of student generation projected by OUSD,[36] the Project would generate a total of 16 students, half of which would be K-5, as shown in Table 3.

Table 3. Students Generated by the 230-240 West MacArthur Project

Grade Group	Students per Residential Unit	Project students (57 dwelling units)*
K-5	0.141	8
6-8	.060	4
9-12	.073	5
Total	0.274	16

*individual grade numbers rounded up to next whole number, resulting in a sum greater than the total
Source: Oakland Unified School District, 2016 School Facility Fee Justification Report. Table 1-1

Pursuant to Senate Bill 50, the Project developer would be required to pay school impact fees, which are established to offset potential impacts from new development on school facilities. Payment of these impact fees is deemed full and complete mitigation. Impacts would be less than significant.

The Project would also cause a minor increase in demand for police and fire protection services; however, as described in the Kaiser Master Plan EIR, the resulting demand would not require new physical facilities to accommodate the increased demand for services; therefore, the impacts would be less than significant.

[36] Oakland Unified School District, 2016 School Facility Fee Justification Report, June 2016. Available at https://www.ousd.org/cms/lib/CA01001176/Centricity/Domain/95/Oakland%20USD%20-%20Level%20I%202016%20FINAL%2006-06-2016.pdf. Accessed October 24, 2017.

Based on an examination of the analysis, findings, and conclusions in the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of the significant impacts related to the provision of public services or park and recreational facilities identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to the provision of public services or park and recreational facilities that were not identified in the Kaiser Master Plan EIR. The Kaiser Master Plan EIR did not identify any mitigation measures or SCAs related to public services or park and recreational facilities, and none would be required for the Project.

13. Transportation and Circulation

Would the project:

a. Conflict with a plan, ordinance, or policy addressing the safety or performance of the circulation system, including transit, roadways, bicycle and pedestrian facilities (except for automobile level of service or other measures of vehicle delay);

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Cause substantial additional vehicle miles traveled (per capita, per service population, or other appropriate efficiency measure); or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Substantially induce additional automobile travel by increasing physical roadway capacity in congested areas or by adding new roadways to the network.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

The Kaiser Master Plan EIR concluded that:

- **Intersection Operations--**Significant unavoidable impacts related to vehicle delay from the addition of Kaiser Master Plan traffic to Long-Term 2025 Conditions would occur at the following intersections in the Plan area:
  - Broadway/51st Street/Pleasant Valley Avenue; both AM and PM peak hours
  - Piedmont Avenue/Pleasant Valley Avenue; PM peak hour
  - Unsignalized eastbound approach of Broadway/39th Street (north); AM peak hour
  - Unsignalized westbound approach of Broadway/39th Street (south); PM peak hour
  - Market Street/West MacArthur Boulevard; PM peak hour
  - Broadway/West MacArthur Boulevard; both AM and PM peak hours
  - Piedmont Avenue/West MacArthur Boulevard; AM peak hour

  Of these intersections, the one that would most directly affect (or be affected by) the Project is Broadway/West MacArthur Boulevard, which was projected to operate at LOS E in the PM peak hour under 2025 Conditions without the Plan, but would incur significantly more delay with the Plan[37]. A mitigation measure was proposed to reduce the impacts to less than significant:
  - Change signal cycle length to 120 seconds and optimize traffic signal timing at this intersection during both the AM and PM peak hours (to be paid by Kaiser Master Plan applicant).
  - Expand the then-existing (2005) Transportation Demand Management (TDM) program

[37] Kaiser Permanente Oakland Medical Center Kaiser Master Plan EIR March 2006. Table IV.B-12.

to include more aggressive TDM measures that would encourage more Kaiser employees to switch from driving alone to other modes.

Although the Kaiser Master Plan EIR found that this mitigation measure could reduce the impact to less than significant in the 2010 Conditions Plus Project, the impact could not be mitigated below significance in the 2025 Conditions Plus Project.[38] This intersection was also found to be significantly impacted by the Plan under Cumulative 2025 Conditions, because the Plan would contribute more than five percent of the cumulative traffic increases. (Significant and Unavoidable after Mitigation)

- **Transit—**Implementation of the Plan would generate demand for alternative transportation service for the area. (Less than Significant)
- **Bicycle—**Implementation of the Plan would create demand for bicycle parking. (Less than Significant)
- **Pedestrian Safety—**Implementation of the Plan would increase the potential for pedestrian safety conflicts. Signalization proposed as mitigation would require pedestrian signal heads with adequate time for pedestrians to cross the streets. (Less than Significant)
- **Site Access and Circulation—**Implementation of the Plan would increase the potential for conflicts among different traffic streams. The Plan would increase both pedestrian activity and vehicular traffic in and around the Plan area, thus exposing more pedestrians to vehicular conflicts. Three pedestrian sky bridges were proposed to improve these conflicts. In addition, a pedestrian scramble phase was proposed at the Howe Street/West MacArthur Boulevard intersection.[39] Additional mitigation measures were proposed that would reduce impacts to less than significant. (Less than Significant with Mitigation)
- **Construction Period Impacts—**Construction pursuant to Plan implementation would temporarily affect traffic flow and circulation, parking and pedestrian safety. With compliance with applicable City SCAs, including SCA #68: Construction Activity in the Public Right-of-Way, impacts would be less than significant.

Project Analysis and Conclusion

On October 21, 2016, the City of Oakland's Planning Commission directed staff to update the City of Oakland's California Environmental Quality Act (CEQA) Thresholds of Significance Guidelines related to transportation impacts in order to implement the directive from Senate Bill 743 (Steinberg 2013) to modify local environmental review processes by removing automobile delay, as described solely by level of service (LOS) or similar measures of vehicular capacity or traffic congestion, as a significant impact on the environment pursuant to CEQA. The Planning Commission direction aligns with draft proposed guidance from the Governor's Office of Planning and Research and the City's approach to transportation

[38] Traffic impacts projected in the analysis to occur under the 2010 Condition are not discussed here, because the development conditions they represent are now "past conditions", not future ones.

[39] A pedestrian scramble is an intersection signal phase that allows pedestrians to cross in all directions, including diagonally, at the same time, while vehicle movements in all directions are stopped.

impact analysis with adopted plans and polices related to transportation, which promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses.

Consistent with the Planning Commission direction and according to the City of Oakland's Transportation Impact Review Guidelines (April 2017) ("TIRG"), a project would have a significant impact on the environment if it would:

a. Conflict with a plan, ordinance, or policy addressing the safety or performance of the circulation system, including transit, roadways, bicycle lanes, and pedestrian paths (except for automobile level of service or other measures of vehicle delay); or

b. Cause substantial additional VMT per capita, per service population, or other appropriate efficiency measure; or

c. Substantially induce additional automobile travel by increasing physical roadway capacity in congested areas (i.e., by adding new mixed-flow lanes) or by adding new roadways to the network.

The City's TIRG state, "subject to staff discretion, transportation studies are not required of projects with fewer than 50 vehicle trips during peak periods" (Guidelines, p. 2). As shown in Table 5, the Project would generate nine (9) more trips in the AM peak hour than the previous land uses, and thirty-three (33) fewer trips in the PM peak hour than previous land uses. Therefore, a transportation study is not required.

Consistency with Plan, Ordinances, or Policies addressing the Safety or Performance of the Circulation System

The LUTE of the City's General Plan, as well as the City's Public Transit and Alternative Mode and Complete Streets policies, states a strong preference for encouraging the use of non-automobile transportation modes, such as transit, bicycling, and walking. The Project would encourage the use of non-automobile transportation modes by providing residential and commercial uses in a dense, walkable urban environment that is well-served by local and regional transit.

The Project proposes to widen the sidewalk widths to about 8.5 feet along Piedmont Avenue and 13 feet along West MacArthur Boulevard, and at a minimum, maintain the sidewalk width along Howe Street. The Project is consistent with both the City's Pedestrian Plan and Bicycle Plan as it would not make result in adverse impacts to existing pedestrian or bicycle facilities in the surrounding areas and would not adversely affect installation of future facilities. Further, because the Project would not generate more than 50 net new peak hour trips, preparation and implementation of a TDM Plan is not required.

Overall, the Project would not conflict with adopted plans, ordinances, or policies addressing the safety and performance of the circulation system. The proposed Project is consistent with applicable plans, ordinances, and policies, and would not cause a significant impact by conflicting with adopted plans, ordinances, or policies addressing the safety and performance of the circulation system, including

transit, roadways, bicycle lanes, and pedestrian paths. This is a less-than-significant impact; no mitigation measures are required.

Vehicle Miles Travelled (VMT)

Many factors affect travel behavior, including density of development, diversity of land uses, design of the transportation network, access to regional destinations, distance to high-quality transit, development scale, demographics, and transportation demand management. Typically, low-density development that is located at a great distance from other land uses, in areas with poor access to non-single occupancy vehicle travel modes generate more automobile travel compared to development located in urban areas, where a higher density of development, a mix of land uses, and travel options other than private vehicles are available. Given these travel behavior factors, most of Oakland has a lower VMT/per capita and VMT/employee ratios than the nine-county San Francisco Bay Area region. In addition, some neighborhoods of the city have lower VMT ratios than other areas of the city.

VMT Estimate

Neighborhoods within Oakland are expressed geographically as transportation analysis zones, or TAZs. The Metropolitan Transportation Commission (MTC) Travel Model includes 116 TAZs within Oakland that vary in size from a few city blocks in the downtown core, to multiple blocks in outer neighborhoods, to even larger geographic areas in lower density areas in the hills. TAZs are used in transportation planning models for transportation analysis and other planning purposes. The MTC Travel Model is a model that assigns all predicted trips within, across, or to or from the nine-county San Francisco Bay Area region onto the roadway network and the transit system, by mode (single-driver and carpool vehicle, biking, walking, or transit) and transit carrier (bus, rail) for a particular scenario.

The travel behavior from MTC Travel Model is modeled based on the following inputs:

- Socioeconomic data developed by the Association of Bay Area Governments (ABAG) Population data created using 2000 US Census and modified using the open source PopSyn software
- Zonal accessibility measurements for destinations of interest
- Travel characteristics and automobile ownership rates derived from the 2000 Bay Area Travel Survey
- Observed vehicle counts and transit boardings

The daily VMT output from the MTC Travel Model for residential and office uses comes from a tour-based analysis. The tour-based analysis examines the entire chain of trips over the course of a day, not just trips to and from the Project site. In this way, all of the VMT for an individual resident or employee is included; not just trips into and out of the person's home or workplace. Based on the MTC Travel Model, the regional average daily VMT per capita is 15.0 under 2020 conditions and 13.8 under 2040 conditions, and the regional average daily VMT per worker is 21.8 under 2020 conditions and 20.3 under 2040 conditions.

Thresholds of Significance for VMT

The following are thresholds of significance related to substantial additional VMT:

- For residential projects, a project would cause substantial additional VMT if it exceeds existing regional household VMT per capita minus 15 percent.
- For office projects, a project would cause substantial additional VMT if it exceeds the existing regional VMT per employee minus 15 percent.
- For retail projects, a project would cause substantial additional VMT if it results a net increase in total VMT.

Screening Criteria

VMT impacts would be less than significant for a project if any of the identified screening criteria are met:

1. Small Projects: The project generates fewer than 100 vehicle trips per day
2. Low-VMT Areas: The project meets map-based screening criteria by being located in an area that exhibits below threshold VMT, or 15% or more below the regional average
3. Near Transit Stations: The project is located in a Transit Priority Area or within a one-half mile of a Major Transit Corridor or Stop[40]. However, if project-specific or location-specific information indicates that the project will still generate significant levels of VMT. the presumption might not be appropriate if the project. For example, the presumption might not be appropriate if the project:
    a. Has a Floor Area Ratio (FAR) of less than 0.75.
    b. Includes more parking for use by residents, customers, or employees of the project than required by the City (if parking minimums pertain to the site) or allowed without a conditional use permit (if minimums and/or maximums pertain to the site).
    c. Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency, with input from the MTC).

Screening Analysis

As demonstrated below, the Project satisfies the criteria for Small Projects (#1) and Low-VMT Area (#2).

Criterion #1: Small Projects

As shown in Table 5 below, the Project would generate 160 <u>fewer</u> net new vehicle trips compared to the current land use. This is fewer than the screening criteria of +100 net new vehicle trips per day, and therefore meets criterion #1.

[40] Major transit stop is defined in CEQA Section 21064.3 as a rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods

Criterion #2: Low-VMT Area

Table 4 shows the estimated 2020 and 2040 VMT per capita for TAZ 973, the TAZ in which the Project is located, as well as the applicable VMT thresholds of 15-percent below the regional average. As shown in Table 4, the 2020 and 2040 estimated average daily VMTs per capita in the project TAZ (7.7 and 7.9, respectively) are less than the regional averages minus 15-percent[41].

Table 4: Daily Vehicle Miles Traveled Per Capita						
	2020		2040		TAZ 973	
Lane Use	Regional Average	Regional Average Minus 15%	Regional Average	Regional Average Minus 15%	2020	2040
Residential (VMT Per Capita)[1]	15.0	12.8	13.8	11.7	7.7	7.90

1. MTC Model results at analytics.mtc.ca.gov/foswiki/Main/PlanBayAreaVmtPerCapita and accessed in October 2017.

Criterion #3: Near Transit Stations

The Project site is located within 1/3-mile of the bus stop at 40th Street & Broadway, where both the 51A line and the 57 line run at service intervals of 15 minutes or less during the morning and afternoon peak commute periods. However, the Project does not meet all three of the conditions necessary to satisfy Criterion #3:

- The Project nonresidential FAR is 0.45, which is less than 0.75. (does not meet)
- The Project would include 71 residential parking spaces for Project residents, which corresponds to 1.25 parking spaces per unit, and 13 commercial parking spaces. The Project would not designate any spaces for Project visitors or retail employees. The City of Oakland Planning Code (Section 17.116.060) has a parking minimum requirement of one (1) space per residential unit (there is no maximum) in the CN-2 zone. Therefore, the Project provides more parking for use by residents, customers, or employees than required by City Code. (does not meet)
- The Project is located within the MacArthur Village Potential Priority Development Area (PPDA) as defined by Plan Bay Area, and is therefore consistent with the region's Sustainable Communities Strategy. (does meet)

The Project does not meet all the elements of criterion #3.

41 According to the TIRG (p. 22), commercial space of fewer than 80,000 square-feet is considered local serving and is not expected to contribute to an increase in VMT. Therefore, the per-worker VMT is not considered in the VMT screening analysis for this Project.

VMT Screening Conclusion

The Project would satisfy the Project Size (#1) and the Low-VMT area (#2) criteria and is therefore presumed to have a less–than-significant impact on VMT.

Estimated Trip Generation

Trip Generation for the residential land use was estimated using the Institute of Traffic Engineers (ITE) Trip Generation Manual (9th Edition). The existing site's trip generation is applied as a reduction to the trip generation estimates of the Project to produce an estimate of net new vehicle trips. In addition, because the ITE data is based on data collected at mostly single-use suburban sites where the automobile is often the only travel mode, the City of Oakland's TIRG recommends a 46.9-percent reduction from the ITE-based trip generation for projects within 0.5 miles of a rapid transit station, to account for non-automobile trips. This reduction is based on Census commute data for Alameda County from the 2014 5-Year Estimates of the American Community Survey (ACS), which shows that the non-automobile mode share for areas less than 0.5-miles from a BART Station is about 46.9-percent (see Attachment C for details on the methodology of estimation).

Table 5 summarizes the trip generation for the proposed Project. Net new vehicle trips are less than 50 in both AM and peak hours. For this reason, pursuant to the City's TIRG an additional Transportation Impact Study is not required for the Project.

Table 5: Automobile Trip Generation Summary--230-240 West MacArthur Blvd

Land Use	Units[1]	Daily	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Proposed Project Trip Generation								
Apartments[2]	57 DU	470	6	26	32	32	17	49
High-Turnover (Sit-Down) Restaurant[3]	7.2 KSF	910	43	35	78	43	28	71
Proposed Project Raw Trip Generation		***1,380***	***49***	***61***	***110***	***75***	***45***	***120***
Pass-By Trips - Restaurant (21% Daily, 0% AM, 43% PM)[4]		*-190*	*0*	*0*	*0*	*-18*	*-13*	*-31*
Subtotal		***1,190***	***49***	***61***	***110***	***57***	***32***	***89***
Non-Auto Adjustment[5]		*-440*	*-18*	*-22*	*-40*	*-21*	*-12*	*-33*
Proposed Project Vehicle Trip Generation		***750***	***31***	***39***	***70***	***36***	***20***	***56***

Existing Trip Generation								
Gasoline/Service Station[6]	6 Vehicle Service Stations	1,010	37	36	73	42	41	83
Automobile Care Center[7]	13.1 KSF[8]	410	20	10	30	20	21	41
Existing Raw Trip Generation		***1,420***	***57***	***46***	***103***	***62***	***62***	***124***
Pass-By Trips - Gas Station (50% daily, 58% AM, 42% PM)[9]		*-510*	*-21*	*-21*	*-42*	*-18*	*-17*	*-35*
Existing Vehicle Trip Generation		***910***	***36***	***25***	***61***	***44***	***45***	***89***
Net-New Vehicle Trip Generation		***-160***	***-5***	***14***	***9***	***-8***	***-25***	***-33***

1. DU = Dwelling Units, KSF = 1,000 square feet.
2. ITE Trip Generation (9th Edition) land use category 220 (Apartment- Adj. Streets, 7-9 AM, 4-6 PM):
   Daily: T = 6.06*(X)+123.56
   AM Peak Hour: T = 0.49*(X)+3.73 (20% in, 80% out)
   PM Peak Hour: T = 0.55*(X)+17.65 (65% in, 35% out)
3. ITE Trip Generation (9th Edition) land use category 932 (High-Turnover (Sit-Down) Restaurant):
   Daily: T = 127.15*(X)
   AM Peak Hour: T = 10.81*(X) (55% in, 45% out)
   PM Peak Hour: T = 9.85*(X) (60% in, 40% out)
4. PM peak hour pass-by rates based on ITE Trip Generation Handbook (3rd Edition). The weekday PM peak hour average pass-by rate for land use category 932 is 43%. Half (21%) is applied to the daily trips and 0% is applied to the AM peak hour.
5. The 36.7% reduction is based on the City of Oakland's *Transportation Impact Review Guidelines* for development in an urban environment between 0.5 and 1 mile of a BART Station.
6. ITE Trip Generation (9th Edition) land use category 944 (Gasoline/Service Station):
   Daily: T = 168.6*(X)
   AM Peak Hour: T = 12.16*(X) (51% in, 49% out)
   PM Peak Hour: T = 13.87*(X) (50% in, 50% out)
7. ITE Trip Generation (9th Edition) land use category 942 (Automobile Care Center):
   Daily: ITE does not provide a daily rate. The daily trip generation rate is approximated as 10 times the PM peak hour rate.
   AM Peak Hour: T = 2.25*(X) (66% in, 34% out)
   PM Peak Hour: T = 3.11*(X) (48% in, 52% out)
8. Existing land uses' square footage is approximated based on site visits and Google Maps aerial imagery.
9. AM and PM peak hour pass-by rates based on ITE Trip Generation Handbook (3rd Edition) data for Gasoline/Service Stations. The weekday AM and PM peak hour average pass-by rates for land use category 942 are 58% and 42%, respectively. The average of the AM and PM peak hour rates (50%) is applied to the daily trips.

Source: Fehr & Peers, 2017.

Induce automobile travel by increasing physical roadway capacity or by adding new roadways (Criterion c)

The Project does not propose increases in roadway capacity or addition of new roadways. This criterion does not apply to the Project. There is no impact.

Planning-Related Non-CEQA Issues Discussion

This section discusses transportation-related topics that are not considerations under CEQA but are evaluated to inform decision makers about these issues, the resolution of which will be addressed within the City's design review process.

Vehicle Access and On-Site Circulation

Residents would access the site through a driveway on Howe Street, about 35 feet north of West MacArthur Boulevard. The driveway would provide access to a two-level parking garage and an adjacent loading area. The two-level parking garage would provide 84 parking spaces, consisting of 60 two-tiered mechanical lift parking spaces, 21 standard parking stalls (including two EV charging spaces), and three ADA spaces. The parking garage entrance, ADA spaces, and ten standard parking spaces, including the two EV charging spaces, would be located on the ground level, with the remaining parking spaces belowground and accessible via a 25-percent grade ramp. The ramp has an average width of about 25 feet. The width and configuration of the ramp would not accommodate two large vehicles passing simultaneously. The Project site plan shows mirrors at the base, middle corner, and top of the ramp to improve motorists' visibility of on-coming vehicles.

On-site Queuing

Egress

Based on the estimated trip generation shown in Table 5, the Project is estimated to generate about 39 AM peak hour and 33 PM peak hour trips out of the site[42], which corresponds to approximately one vehicle exiting every 1.5 minutes, and would result in minimal on-site queues under typical operation conditions. Under a worst-conditions scenario, assuming all 39 peak hour trips would exit during a half-hour period, corresponding to approximately one vehicle exiting every 45 seconds, a two- or three-car maximum queue within the garage could result. A two- or three-car queue would block some of the parking spaces on the ground level of the garage and may prevent vehicles from entering or exiting these spaces. However, the maximum queue is expected to be infrequent and the queue is expected to dissipate within one or two minutes at the most. Overall, queuing within the garage is expected to be minimal under typical operating conditions and not interfere with access and circulation within the garage.

Ingress

The Project is expected to generate approximately 31 AM peak hour and 54 PM peak hour trips into the site, which corresponds to about one car entering the garage every 1.1 minute. This would result in minimal queues on Howe Street under typical operating conditions. Under a worst-conditions scenario, assuming all 54 PM peak hour trips come from the same direction on Howe Street, a queue of up to one or two cars may form on Howe Street. The queueing could have the potential to block northbound through traffic on Howe Street (if, in the worst case scenario, all the traffic on Howe Street was travelling northbound) or access to the southbound left turn pocket at the Howe Street/W MacArthur Boulevard intersection (if all traffic on Howe Street were traveling southbound). However, the maximum queue is expected to be infrequent and dissipate within one or two minutes at the most. Further, the

[42] The 33 PM peak hour trips out of the garage are inclusive of the 20 PM peak hour trips generated by the Project and the 13 pass-by restaurant trips. The pass-by trips are not new trips to the roadway network attributable to the project, but do contribute to potential queuing activity as vehicles attempt to exit the garage.

20-foot northbound lane width on Howe Street could allow queueing to take place immediately adjacent to the curb, allowing most through traffic to bypass the queue.

Recommendations: Implement the following:

1. Limit access to the belowground level parking to residents only, to ensure only motorists that are familiar with the design of the parking garage use the ramp.
2. Keep the garage gate open during normal business hours to minimize the stall time when entering the garage
3. Install dynamic parking signage at the garage entrance notifying customers if the commercial parking is full

Project Driveway Sight Distance

The Project driveway on Howe Street would provide adequate sight distance between an exiting motorist ten feet back from the sidewalk and a pedestrian ten feet away on the adjacent sidewalk on either side of the driveway.

Currently, on-street parking is prohibited along the east side of Howe Street adjacent to the Project. Thus, the Project driveway would provide adequate sight distance between vehicles exiting the driveway and vehicles travelling in both directions of Howe Street.

Bicycle Access and Bicycle Parking

Table 6 shows bicycle parking requirements for the Project. The Project would consist of 57 dwelling units and about 7,200 square-feet of commercial space, requiring 16 long-term and 7 short-term spaces. The Project would provide 16 long-term and 12 short-term bicycle spaces, meeting the bicycle parking requirements for the development.

The long-term bicycle parking would be located in two secure bicycle rooms on the ground level of the parking garage, accessible through the building lobby, the parking garage entrance on Howe Street, and the secondary pedestrian entrance on West MacArthur Boulevard. The short-term bicycle parking would be located along the building frontages on Howe Street, West MacArthur Boulevard, and Piedmont Avenue.

Pedestrian Access and On-Site Circulation

Pedestrian access for the residential component of the Project would be provided through a staircase and two elevators in the building lobby. A secondary staircase on the east side of the Project would provide emergency access and egress for the parking garage and residential component of the Project. The building lobby would be accessed through the main entrance on West MacArthur Boulevard and through the Project parking garage. The commercial components of the Project would be accessed through separate entrances within the parking garage and along West MacArthur Boulevard and Piedmont Avenue.

Table 6: Bicycle Parking Requirements					
Lane Use	**Size[1]**	**Long-Term**		**Short-Term**	
		Spaces per Unit[2]	**Spaces**	**Spaces per Unit[2]**	**Spaces**
Residential	57 DU	1:4 DU	14	1:20 DU	3
Commercial (General Food Sales)	7.2 KSF	Min. 2	2	1:2 KSF	4
Total Required Bicycle Spaces		-	16	-	7
Total Bicycle Parking Provided		-	20	-	12
Bicycle Parking Surplus/(Deficit)		**-**	**Meets Requirements**	**-**	**Meets Requirements**

1. DU = Dwelling Unit; KSF = 1,000 square feet.
2. Based on Oakland Municipal Code Section 17.117.090 and 117.117.110.

Source: Fehr & Peers, 2017.

Existing pedestrian facilities adjacent to the Project site include a six-foot sidewalk along Piedmont Avenue, a 10-foot sidewalk along West MacArthur Boulevard, and a 15-foot sidewalk along Howe Street. Along the proposed Project frontage on Piedmont Avenue, the existing utilities (consisting of street lighting and signal equipment) currently restrict the pedestrian right-of-way to about three feet.

Recommendation 4: Ensure existing utilities would not impede pedestrian right-of-way and that adequate sidewalk width is provided along the proposed building frontage on Piedmont Avenue.

The Howe Street/West MacArthur Boulevard intersection provides audible-enabled pedestrian countdown signal heads and directional curb ramps at the northeast and southwest corners, a diagonal curb ramp at the northwest corner, and crosswalks across the north and west approaches. Pedestrian crossings are prohibited on the east approach of the intersection. The Piedmont Avenue/West MacArthur Boulevard intersection provides audible pedestrian countdown signal heads, diagonal curb ramps, and crosswalks at all intersection approaches. Existing infrastructure prohibits the installation of directional curb ramps at all corners of the intersection. At the west approach of this intersection, the median nose protrudes into the crosswalk. However, the median nose cannot be cut back due to existing infrastructure.

The Project proposes to widen the sidewalk widths to about 8.5 feet along Piedmont Avenue and 13 feet along West MacArthur Boulevard and, at a minimum, maintain the sidewalk width along Howe Street. The Project does not propose any additional changes to pedestrian facilities.

Transit Access

Transit service providers in the Project vicinity include Bay Area Rapid Transit (BART) and AC Transit. BART provides regional rail service throughout the East Bay and across the Bay. The nearest BART station to the Project site is the MacArthur BART Station, about 0.8 miles northwest of the Project.

AC Transit, the primary bus service provider in the City of Oakland, operates several routes along West MacArthur Boulevard and Broadway in the vicinity of the Project. The nearest westbound and eastbound bus stops to the Project are located on West MacArthur Boulevard, east of Piedmont Avenue, approximately 100 feet east of the Project. Route 57 serves these stops, along with three AC Transit school routes (653, 657, and 658). A shelter, bench, trash receptacle, system map, and bus sign are provided at the westbound stop, and a bench and bus sign are provided at the eastbound stop.

> **Recommendation 5**: Move the bus stop and shelter to the far side, in front of the Project site (subject to AC Transit agreement).

No changes to the bus routes operating in the vicinity of the Project are planned and the proposed Project would not modify access between the Project site and transit facilities.

Automobile Parking Requirements

The City of Oakland Planning Code Sections 17.116.060 and 17.116.080 require a minimum of one parking space per dwelling unit and one parking space per 600 square-feet of ground floor commercial space in the CN-2 zone. For the Project, this equals a minimum of 57 off-street residential parking spaces and 12 off-street commercial parking spaces. The Code provides no parking maximums for both the residential and commercial components of the Project. All residential parking must be unbundled. The Project would provide a parking garage with a two-way drive aisle and a total of 84 spaces, including 60 two-tiered mechanical lift parking spaces, 21 surface spaces, and three ADA spaces.

Table 7 summarizes the required and proposed parking for the Project.

Table 7: Required Maximum and Proposed Parking

Land Use	Size[1]	Required Parking Supply[2]		Provided Parking Supply[3]	Within Range?
		Minimum	Maximum		
Apartments	57 DU	57	No maximum	71	**Yes**
Commercial	7.5 KSF	12	No maximum	13	**Yes**
Total		**69**	**--**	**84**	**Yes**

1. DU = Dwelling Unit; KSF = 1,000 square feet.
2. Based on City of Oakland Planning Code Sections 17.116.060 and 17.116.080.
3. Assuming that ground level parking would be reserved for commercial use and below-ground level parking would be reserved for residential uses.

Source: Fehr & Peers, 2017

Loading Requirements

The City of Oakland Planning Code Sections 17.116.120 and 17.116.140 specify loading requirements for residential and commercial land uses: the Project is required to provide one loading berth for its residential uses and no loading berths for its commercial uses, as the commercial space is less than 25,000 square-feet. The Project would provide a loading area accessible from the Project driveway on Howe Street, meeting Code requirements.

Conclusions

The Project's potential impacts related to pedestrian, bicycle, transit, emergency access, and design and incompatible use considerations would be less than significant. The Project would not result in any other significant transportation-related impacts.

Based on an examination of the analysis, findings, and conclusions of the Kaiser Master Plan EIR, the Project would not substantially increase the severity of significant transportation-related impacts identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to transportation that were not identified in the Kaiser Master Plan EIR. The proposed Project would be required to implement **SCA TRANS-1: Construction Activity in the Public Right-of-Way** and **SCA TRANS-2**: **Bicycle Parking**, as identified in Attachment A. The Project will implement the City's recommendations in order to improve overall circulation, ingress/egress to and from the site, and improve transit service. These recommendations are not CEQA mitigation required in order to avoid or reduce impacts that would otherwise be significant, as the Project will result in fewer trips than those generated by the auto-service and gas station currently occupying the site.

14. Utilities and Service Systems

Would the project:

a. Exceed wastewater treatment requirements of the San Francisco Bay Regional Water Quality Control Board;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

b. Require or result in construction of new storm water drainage facilities or expansion of existing facilities, construction of which could cause significant environmental effects;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it does not have adequate capacity to serve the project's projected demand in addition to the providers' existing commitments and require or result in construction of new wastewater treatment facilities or expansion of existing facilities, construction of which could cause significant environmental effects;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

d. Exceed water supplies available to serve the project from existing entitlements and resources, and require or result in construction of water facilities or expansion of existing facilities, construction of which could cause significant environmental effects;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

e. Be served by a landfill with insufficient permitted capacity to accommodate the project's solid waste disposal needs and require or result in construction of landfill facilities or expansion of existing facilities, construction of which could cause significant environmental effects;

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

f. Violate applicable federal, state, and local statutes and regulations related to solid waste:

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

g. Violate applicable federal, state and local statutes and regulations relating to energy standards; or

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

h. Result in a determination by the energy provider which serves or may serve the project that it does not have adequate capacity to serve the project's projected demand in addition to the providers' existing commitments and require or result in construction of new energy facilities or expansion of existing facilities, construction of which could cause significant environmental effects.

☑ **Of Equal or Less Severity Than Previously Identified in Kaiser Master Plan EIR**

Kaiser Master Plan EIR

- **Wastewater Treatment--**Wastewater demand resulting from implementation of the Kaiser Master Plan would not result in the City of Oakland exceeding its citywide projected base flow allocation for Sub-basins 52-09 and 50-05; nor would the Plan require or result in construction of new wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects. (Less than Significant)
- **Stormwater Drainage Facilities--** Overall stormwater runoff from the Plan area is expected to decrease with Plan development, in large part through the introduction of storm runoff reduction measures, such as filtering through permeable pavers, raised paver systems on upper-level courtyards, and landscape planters, to decrease the rate and volume of stormwater runoff from the site into the storm drain system. Because development facilitated by the Kaiser Master Plan would not result in an increase in stormwater runoff, and with required compliance with the countywide Clean Water Program NPDES Permit and **SCAs HYDRO-1 and HYDRO-2**, implementation of the Kaiser Master Plan would not require or result in construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects. (Less than Significant)
- **Water Supply—** The average daily water demand projected from the Kaiser Master Plan at buildout year 2020 represented an increase of 10% from existing demand at the time (2005). EBMUD determined that the Kaiser Master Plan would not change EBMUD's 2020 water demand projection and would not result in a new significant increase in water use. Therefore, implementation of the Kaiser Master Plan would not result in water demand that exceeded water supplies available to serve the Plan development from existing entitlements and resources, and it would not require or result in construction of water facilities or expansion of existing facilities, construction of which could cause significant environmental effects. The Kaiser Master Plan EIR recommended Standard Condition M.1, whose measures are now part of California Green Building Standards (CALGreen) and the City's Green Building Ordinance (Less than Significant), which form the requirements of SCA UTIL-4: Green Building Requirements.
- **Solid Waste--**The Plan area is served by a landfill with sufficient permitted capacity to accommodate the Plan's solid waste disposal needs, and would not require or result in construction of landfill facilities or expansion of existing facilities, construction of which could cause significant environmental effects. Additionally, the Plan would not impede the ability of the City to meet the waste diversion requirements of the California Integrated Waste Management Act or the Alameda County Waste Reduction and Recycling Initiative or cause the City to violate other applicable federal, state, and local statutes and regulations related to solid waste. Individual development projects would comply with Standard Condition M.4, whose requirements are now part of SCA UTIL-1: **Construction and Demolition Waste Reduction and Recycling**. (Less than Significant)
- **Energy--**The level of public energy required to implement the Kaiser Master Plan would not be expected to violate applicable federal, state and local statutes and regulations relating to energy standards or exceed PG&E's service capacity or require new or expanded facilities, particularly given the level of development that the Plan would be replacing, including an existing hospital and medical services facilities. Developments would be required to comply with the standards of

Title 24 of the California Code of Regulations and **SCA UTIL-4,** which requires construction projects to incorporate energy-conserving design measures in compliance with the Green Building Ordinance (Chapter 18.02 of the Oakland Municipal Code). (Less than Significant)

Project Analysis and Conclusion

The Kaiser Master Plan EIR concluded that development pursuant to the Kaiser Master Plan would not impact wastewater treatment facilities. Because the Project is consistent with the development density in the underlying zone for the site as analyzed in the Kaiser Master Plan EIR, demand for treatment capacity has been accounted for in the prior EIR, and no significant impacts would occur. Wastewater generated from operation of the Project would not prompt a need to expand water treatment facilities in order to meet Project demands. Impacts would be less than significant.

With respect to stormwater drainage, the Kaiser Master Plan EIR concluded that overall stormwater runoff from the Plan area was expected to decrease with Plan development, in large part through the introduction of storm runoff reduction measures, such as filtering through permeable pavers, raised paver systems on upper-level courtyards, and landscape planters, to decrease the rate and volume of stormwater runoff from the site into the storm drain system. Because the Kaiser Master Plan EIR concluded that development pursuant to the Kaiser Master Plan would not result in significant impacts to the stormwater drainage network, and because the Project is consistent with applicable density requirements per the General Plan and Planning Code, no significant impacts would occur. Furthermore, while the Project will replace the existing impervious surface associated with the gas station/ service station with similar impervious surface area, the Project will implement applicable site design and source control measures to minimize stormwater runoff pollution. Proposed site design measures for the Project include minimizing impervious surfaces and minimizing stormwater runoff by directing roof runoff into cisterns or rain barrels for reuse, and into vegetated areas.

Source control measures proposed for the Project include:

- Covering trash storage areas and designing these areas to prevent stormwater run-on into the trash area;
- Discharging covered trash, food waste, and compactor enclosures to the sanitary sewer;
- Discharging fire sprinkler test water to onsite vegetated areas;
- Using efficient irrigation system to minimize irrigation and runoff;
- Promoting surface infiltration;
- Minimizing the use of pesticides and fertilizers; and
- Installing stenciling at storm drain inlets, such as “No Dumping—Drains to Bay.”

With implementation of site design and source control measures and implementation of **SCAs HYDRO-1 and HYDRO-2**, as noted in the Section entitled “Hydrology and Water Quality”, will ensure that the Project will not result in construction of new storm water drainage facilities or expansion of existing facilities, construction of which could cause significant environmental effects.

With respect to water supply, the Kaiser Master Plan EIR concluded that implementation of the Kaiser Master Plan would not result in water demand that exceeded water supplies available to serve the Plan

development from existing entitlements and resources, and it would not require or result in construction of water facilities or expansion of existing facilities, construction of which could cause significant environmental effects. Because the Kaiser Master Plan EIR concluded that development pursuant to the Kaiser Master Plan would not result in significant impacts to water supplies, and because the Project is consistent with applicable density requirements per the General Plan and Planning Code, no significant impacts would occur. Furthermore, the Project would be required to implement measures associated with green building and water efficiency. Therefore, no impact would occur.

With respect to solid waste, the same conclusion applies. Because the Kaiser Master Plan EIR concluded that development pursuant to the Kaiser Master Plan would not impact solid waste disposal facilities, and because the Project is consistent with applicable density requirements per the General Plan and Planning Code, no significant impacts would occur. Furthermore, the Project would be required to implement Conditions of Approval related to Waste Reduction and Recycling during construction and Recycling Allocation during project operation.

With respect to energy usage, the same conclusion applies. Because the Kaiser Master Plan EIR concluded that development pursuant to the Kaiser Master Plan could be accommodated with existing energy supplies, and the Project is consistent with applicable density requirements per the General Plan and Planning Code, no significant impacts to energy usage or facilities would occur. Furthermore, the Project would be required to implement measures associated with green building and energy efficiency. Therefore, no impact would occur.

Based on an examination of the analysis, findings, and conclusions in the Kaiser Master Plan EIR, implementation of the Project would not substantially increase the severity of the significant impacts identified in the Kaiser Master Plan EIR, nor would it result in new significant impacts related to the operation of utility services or facilities, including water supply, wastewater treatment, stormwater capacity, solid waste disposal, and energy standards and use, that were not identified in the Kaiser Master Plan EIR. The Kaiser Master Plan EIR did not identify any mitigation measures related to utilities services or facilities, and none would be required for the Project. The Project will be required to comply with **SCAs UTIL-1 through UTIL-6**.

VIII. Consistency with Community Plan—Section 15183

Section 15183 (a) of the California Environmental Quality Act (CEQA) Guidelines states that "…projects which are consistent with the development density established by the existing zoning, community plan, or general plan policies for which an Environmental Impact Report (EIR) was certified shall not require additional environmental review, except as may be necessary to examine whether there are project-specific significant effects which are peculiar to the project or its site."

Further, Section 15183 states,

(b) In approving a project meeting the requirements of this section, a public agency shall limit its examination of environmental effects to those which the agency determines, in an initial study or other analysis:

(1) Are peculiar to the project or the parcel on which the project would be located,

(2) Were not analyzed as significant effects in a prior EIR on the zoning action, general plan or community plan with which the project is consistent,

(3) Are potentially significant off-site impacts and cumulative impacts which were not discussed in the prior EIR prepared for the general plan, community plan or zoning action, or

(4) Are previously identified significant effects which, as a result of substantial new information which was not known at the time the Kaiser Master Plan EIR was certified, are determined to have a more severe adverse impact than discussed in the prior EIR.

(c) If an impact is not peculiar to the parcel or to the project, has been addressed as a significant effect in the prior EIR, or can be substantially mitigated by the imposition of uniformly applied development policies or standards…then an additional EIR need not be prepared for the project solely on the basis of that impact.

Section 15183 (f) states, "An effect of a project on the environment shall not be considered peculiar to the project or the parcel for the purposes of this section if uniformly applied development policies or standards have been previously adopted by the city or county with a finding that the development policies or standards will substantially mitigate that environmental effect when applied to future projects, unless substantial new information shows that the policies or standards will not substantially mitigate the environmental effect."

Consistency Analysis

Consistency with General Plan Land Use and Transportation Element (LUTE)

The General Plan land use designation for the Project Site and surrounding area is Neighborhood Center Mixed Use (NCMU). In Neighborhood Center Mixed Use areas, the General Plan promotes future

development that is commercial or mixed use, and that is urban residential with ground floor commercial.[43]

1. The Project is consistent with policies set forth in the LUTE of the General Plan as listed below:

The site is within the North Oakland Planning area as described in the LUTE. The LUTE designates the segment of West MacArthur Blvd between Piedmont Avenue and the Emeryville border (San Pablo Avenue), which includes the Project site, as both a Key Corridor and a "Grow and Change" corridor.[44] Key corridors are envisioned as mixed-use urban environments with concentrations of commercial and civic uses joined by segments of multifamily housing. The redevelopment of the Project site is consistent with this designation.

Specifically, the Project is consistent with the following policies in the LUTE:

- **Policy N1.1 Concentrating Commercial Development**. Commercial development in the neighborhoods should be concentrated in areas that are economically viable and provide opportunities for smaller scale, neighborhood-oriented retail.
- **Policy N1.2 Placing Public Transit Stops**. The majority of commercial development should be accessible by public transit. Public Transit stops should be placed at strategic locations in Neighborhood Activity Centers and Transit-Oriented Districts to promote browsing and shopping by transit users.
- **Policy N3.2 Encouraging Infill Development.** In order to facilitate the construction of needed housing units, infill development consistent with the General Plan should take place throughout the City of Oakland.
- **Policy N1.8 Making Compatible Development.** The height and bulk of commercial development in "Neighborhood Mixed-Use Center" and "Community Commercial" areas should be compatible with that which is allowed for residential development.

The Project is consistent with the above General Plan policies for the following reasons:

- The Project site currently contains a gas station and automotive service business with surface asphalt paving. The Project would remove these structures and replace them with infill housing that complies with the City's design standards and respects the surrounding streetscape, consistent with the waiver of certain development standards allowed per the affordable housing incentives as specified in the Planning Code and subject to the City's design review process.
- The Project would redevelop an existing gas station and automotive service business with a mixed-use residential development that would include ground floor retail uses and provide new infill housing in a neighborhood mixed use center.

[43] City of Oakland, 1998. General Plan, Land Use and Transportation Element, Policies in Action p. 149.

[44] City of Oakland, 1998. General Plan, Land Use and Transportation Element, Policies in Action p. 219.

- The Project would be generally compatible with the mixed-use buildings on neighboring blocks, as it would also provide residential uses, and would complement other nearby buildings that contain ground floor retail by providing similar types of uses.

Therefore, the Project would be consistent with the General Plan policies detailed above.

2. **The Project is consistent with the development density established by existing Zoning, Community Plan or General Plan policies.**

The Project site is zoned CN-2, Neighborhood Center Commercial. Planning Code Section 17.33 states that, "[t]he intent of the Neighborhood Center Commercial (CN) Zones is to create, preserve, and enhance mixed use neighborhood commercial centers. The centers are typically characterized by smaller scale pedestrian oriented, continuous and active store fronts with opportunities for comparison shopping." The specific intent of the CN-2 Zone is "to enhance the character of established neighborhood commercial centers that have a compact, vibrant pedestrian environment."

Section 17.106.030B states that, "For mixed use projects located in areas other than the Central Business District and Jack London district, in which a maximum Floor Area Ratio (FAR) is generally prescribed for Nonresidential Facilities, no portion of lot area used to meet the density requirements for a Residential Facility shall be used as a basis for computing, through such FAR, the maximum amount of floor area for any Nonresidential Facility on the same lot, unless the total Nonresidential floor area on the lot is less than three thousand (3,000) square feet."

Therefore, in calculating the maximum allowable residential units for a Project which proposes more than 3,000 sf of commercial space, the total lot area must be reduced by the amount necessary to support the proposed commercial space. Using the CN-2 Maximum Nonresidential FAR of 2.0 and the proposed commercial space of 7,207 sf, this means that the total lot area is reduced by 3603.5 (=7,207sf/2.0), and the revised lot area for calculating maximum allowable residential units is 23,540 - 3603.5, = 19,936.5 sf

Using the CN-2 maximum residential density of 550 dwelling units per square foot, this lot area would therefore support a maximum of 37 units (19,936.5/550=36.2, rounded up to 37 units[45]). The Project qualifies for a density bonus pursuant to Oakland Planning Code (Section 17.107) by making 14% of its base allowable density units (five units) available for occupancy by very low-income households.[46] These Planning Code provisions are intended to encourage construction of affordable housing by offering density bonuses, plus incentives and/or financially equivalent concessions to a developer of a housing

[45] Although the City does not round up when interpreting base density in the Planning Code, Government Code section 65915(q) was recently added to require that all calculations be rounded up for density bonus projects, even base density calculations where a local ordinance otherwise requires the unit count to be rounded down.

[46] "Very low income" is defined as less than fifty percent (50%) of median income (see Section 50105, California Health and Safety Code)

development constructing a specified percentage of housing for low-income households, very low-income households, senior citizens, or providing childcare facilities.

Specifically, the Project is eligible for a 26% density bonus, based on its designation of 14% of its units as affordable. Applying this density bonus to the base units would allow a maximum of **47 units** (37 * 1.14=46.6, rounded up to 47).

However, California Government Code §65915(o)(2) states: "'Maximum allowable residential density' means the density allowed under the zoning ordinance, **or if a range of density is permitted, means the maximum allowable density for the specific zoning range applicable to the project.**"[emphasis added] "The specific zoning range applicable to the project" allows for the maximum allowable density given for the General Plan Land Use designation for the site to be used in the calculation of allowable units. The maximum density for this land use in the General Plan (Neighborhood Center Mixed Use) is 125 units per acre, or 348 sf per du[47]. Applying this maximum residential density to the revised lot area yields a maximum number of dwelling units of **58 units** (19,936.5/348=57.3, rounded up).

The Project FAR is 1.8 (42,302 sf of non-residential floor space/23,540 sf lot area), which is below the maximum allowable FAR of 2.0. Therefore, at 57 residential units and 7,207 sf of commercial space, the Project is consistent with the development density established by existing Zoning, Community Plan or General Plan policies.

3. **The Project otherwise conforms to existing CN-2 zoning policies.** The proposed design complies with design standards and regulations of the Planning Code, including but not limited to the following:
    - Zone CN-2 is a 35' height limit zone. The Project is proposed to be 75' (6 stories). The Applicant will request a waiver of the development standards (height limit) based on Oakland Planning Code §17.107.095(A), which states, "in no case may a city apply a development standard that will have the effect of physically precluding the construction of a development meeting the category criteria in Section 17.107.040(A) at the densities or with the concessions or incentives permitted by this Chapter." The Project is providing 14% of its units as affordable to lower income households; a 57-unit project with 7,207 square feet of ground floor commercial use is physically precluded from fitting within the 35 feet/3 stories height restriction applicable to the site. A height of 75 feet/6 stories is required for the Project to fit at the site. Upon grant of this waiver, the Project will be in compliance with applicable Code.
    - The proposed residential and ground floor retail uses are permitted under Chapter 17.33.030 of the Planning Code (certain types of commercial activities would require a Conditional Use Permit under Chapter 17.134 of the Planning Code). The Project does not include any ground floor residential units.

[47] City of Oakland, 1998. General Plan, Land Use and Transportation Element, p. 149

- The Project conforms to the 10' rear setback provision pursuant to the Planning Code, Table 17.33.03. All other setbacks are at zero minimum, per Code. The Project has zero setbacks on front and both sides.
- The Project would provide a total of 5,380 sf in public usable open space (including 4,100 sf on the roof) and 8,336 sf of private open space, which is above the required 1,710 square feet of usable open space (30 square feet per regular dwelling unit where private open space is substituted for public) pursuant to Planning Code Section 17.33.050.
- The Project conforms to parking requirements in the CN-2 zone. The City of Oakland Planning Code Sections 17.116.060 and 17.116.080 require a minimum of one parking space per dwelling unit and one parking space per 600 square-feet of ground floor commercial space in the CN-2 zone. For the Project, this equals a minimum of 57 off-street residential parking spaces and 12 off-street commercial parking spaces. The Code provides no parking maximums for both the residential and commercial components of the Project. The Project would provide a parking garage with a two-way drive aisle and a total of 84 spaces, including 60 two-tiered mechanical lift parking spaces, 21 surface spaces, and three ADA spaces.

Consistency with Housing Element Update 2015-2023

The 2007-2014 Housing Element and its 2015-2023 Update are focused on the following eight goals that provide direction and guidance for meeting the City's housing needs through 2023:

- Goal 1: Provide adequate sites suitable for housing for all income groups.
- Goal 2: Promote the development of adequate housing for low- and moderate-income households.
- Goal 3: Remove constraints to the availability and affordability of housing for all income groups.
- Goal 4: Conserve and improve older housing and neighborhoods.
- Goal 5: Preserve affordable rental housing.
- Goal 6: Promote equal housing opportunity.
- Goal 7: Promote sustainable development and sustainable communities.
- Goal 8: Increase public access to information through technology.

The Project meets these goals because it is located along one of the City's major commercial corridors (West MacArthur Boulevard) and utilizes ground floor commercial space with housing above, as encouraged by zoning and development guidelines. This configuration of services maximizes residents' access to services including retail opportunities, transportation alternatives, and civic activities, while reducing the need for automobiles, thus increasing the sustainability of such development. The Project also dedicates over 10% of its units as affordable for very low income households.

Consistency with Kaiser Permanente Oakland Medical Center Kaiser Master Plan

The Kaiser Master Plan created a t zoning district called the "Kaiser Permanente Oakland Medical Center (OMC) Zoning District," which explicitly included the Project site at 230-240 West MacArthur. However, the CN-2 (Neighborhood Center Commercial Zone) is the underlying zoning district, and the CN-2 zoning regulations govern all development of the site, unless and until Design Review of a Kaiser-sponsored

project is approved by the City. The land use and zoning designated for the Project site is consistent with the Kaiser Master Plan, since the Kaiser Master Plan resulted in the currently effective zoning designation.

Therefore, the Project adheres to the criteria of CEQA Guidelines Section 15183(a) as being consistent with both the development density established in the General Plan and applicable zoning regulations for the site.

Project-specific Impacts Not Analyzed in Prior EIR

Because the Project is consistent with the policies, land use designation, and development parameters in the LUTE and the Kaiser Master Plan EIRs, the Project's potential contribution to cumulatively significant effects has already been addressed in those prior EIRs. Therefore, consistent with CEQA Guidelines Section 15183 which allows for streamlined environmental review, this document needs only to consider whether there are project-specific effects peculiar to the project or its site, and relies on the streamlining provisions of CEQA Guidelines Section 15183 to not re-consider cumulative effects.

Effects Analyzed in Prior EIRs

Environmental Effects Summary--General Plan LUTE EIR

As discussed in Section III above, the 1998 LUTE EIR (including its Initial Study Checklist) determined that development consistent with the LUTE would result in impacts to the following resources that would be reduced to a less-than-significant level with the implementation of mitigation measures (described in Section VI): aesthetics (views, architectural compatibility and shadow only); air quality (construction dust [including PM_{10}] and emissions, odors); cultural resources (except as noted below as less than significant); hazards and hazardous materials; land use (use and density incompatibilities); water quality; noise (use and density incompatibilities, including from transit/transportation improvements); population and housing (induced growth, policy consistency/clean air plan); public services; and transportation/circulation (intersection operations).

Less-than-significant impacts were identified for the following resources in the 1998 LUTE EIR and Initial Study: aesthetics (scenic resources, light and glare); air quality (clean air plan consistency, roadway emissions, energy use emissions, local/regional climate change); biological resources; cultural resources (historic context/settings, architectural compatibility); energy; geology and seismicity; hydrology and water quality; land use (conflicts in mixed use Projects and near transit); noise (roadway noise citywide, multifamily near transportation/transit improvements); population and housing (exceeding household Projections, housing displacement from industrial encroachment); public services (water demand, wastewater flows, stormwater quality, parks services); and transportation/circulation (transit demand). No impacts were identified for agricultural or forestry resources and mineral resources.

Significant unavoidable impacts were identified for the following environmental resources in the 1998 LUTE EIR: air quality (regional emissions); public services (fire safety); transportation/circulation (roadway segment operations: Grand Avenue between Harrison St. and I-580); and policy consistency

(Clean Air Plan). Due to the potential for significant unavoidable impacts, a Statement of Overriding Considerations was adopted as part of the City's approvals.

Environmental Effects Summary – 2010 Housing Element EIR and 2014 Addendum

The 2010 Housing Element Update EIR (including its Initial Study) and 2014 EIR Addendum determined that housing developed pursuant to the Housing Element, which would include the Project site, would result in impacts that would be reduced to a less-than-significant level with the implementation of mitigation measures and/or SCAs: aesthetics (visual character/quality and light/glare only); air quality (except as noted below); biological resources; cultural resources; geology and soils; greenhouse gas emissions; hazards and hazardous materials (except as noted below, and no impacts regarding airport/airstrip hazards and emergency routes); hydrology and water quality (except as noted below); noise; public services (police and fire only); and utilities and service systems (except as noted below).

Less-than-significant impacts were identified for the following resources in the Housing Element EIR and Addendum: hazards and hazardous materials (emergency plans and risk via transport/disposal); hydrology and water quality (flooding/flood flows, and inundation by seiche, tsunami or mudflow); land use (except no impact regarding community division or conservation plans); population and housing (except no impact regarding growth inducement); public services and recreation (except as noted above, and no impact regarding new recreation facilities); and utilities and service systems (landfill, solid waste, and energy capacity only, and no impact regarding energy standards). No impacts were identified for agricultural or forestry resources, and mineral resources.

Significant unavoidable impacts were identified for the following environmental resources in the Housing Element EIR: air quality (toxic air contaminant exposure) and traffic delays. Due to the potential for significant unavoidable impacts, a Statement of Overriding Considerations was adopted as part of the City's approvals.

Thus, the effects of the Project were discussed in the prior EIRs.

New Specific Effects

The Project would not cause new specific effects that were not addressed in the LUTE EIR or the Housing Element EIR, nor would it result in new significant impacts that were not identified in the prior EIRs. Further, there have been no substantial changes in circumstances following certification of the Housing Element EIR Addendum that would result in any new specific effects.

Substantial New Information

There is no new information that was not known at the time later of the prior EIRs--the Housing Element Update EIR--was certified in 2015 that would cause more severe adverse impacts than discussed in the prior EIRs. There have been no significant changes in the underlying development assumptions, nor in the applicability or feasibility of mitigation measures or SCAs included in the prior EIRs.

Standard Conditions of Approval

SCAs incorporate policies and standards from various adopted plans, policies, and ordinances, which have been found to substantially mitigate environmental effects. The SCAs are adopted as requirements of an individual Project when it is approved by the City and are designed to, and will, substantially mitigate environmental effects, thus meeting the provision of Section 15183 (f), which states that impacts that are addressed by uniformly applied development standards (in this case, City of Oakland SCAs) are not considered peculiar to the parcel for the purpose of requiring further environmental review. Therefore, the Project requires no additional environmental under California Public Resources Code Section 21083.3 and Section 15183 of the CEQA Guidelines.

IX. Qualified Infill Streamlining—Section 15183.3

Based on CEQA Guidelines Section 15183.3(d)(1), the Lead Agency must examine an eligible infill project in light of the prior EIR to determine whether the infill project will cause any effects that require additional review under CEQA. This evaluation shall:

A. Document whether the infill project satisfies the applicable performance standards in Appendix M.

B. Explain whether the effects of the infill project were analyzed in a prior EIR.

C. Explain whether the infill project will cause new specific effects (defined as "an effect that was not addressed in the prior EIR and that is specific to the infill project or the infill project site").

D. Explain whether substantial new information shows that the adverse environmental effects of the infill project are more significant (defined as "substantially more severe") than described in the prior EIR.

If the infill project will cause new specific effects or more significant effects than those analyzed in the prior EIR, the evaluation should indicate whether uniformly applicable development policies or standards will substantially mitigate those effects.

The following information demonstrates that the Project is eligible for streamlining pursuant to CEQA Guidelines Section 15183.3 as a qualified infill Project, and fulfills the review requirements of its provisions.

Appendix M Performance Standards

The following analysis demonstrates that the Project is located in an urban area on a site that has been previously developed; satisfies the performance standards provided in CEQA Guidelines Appendix M; and is consistent with the General Plan land use designation, density, building intensity, and applicable policies. As such, this environmental review is limited to an assessment of whether the Project may cause any Project-specific effects, and relies on uniformly applicable development policies or standards to substantially mitigate cumulative effects.

PROJECT INFILL ELIGIBILITY		
CEQA Eligibility Criteria		**Eligible?/Notes for Proposed Project**
1.	Be located in an urban area on a site that either has been previously developed or that adjoins existing qualified urban uses on at least 75 percent of the site's perimeter. For the purpose of this subdivision, "adjoin" means the infill project is immediately adjacent to qualified urban uses, or is only separated from such uses by an improved right-of-way. (CEQA Guidelines Section 15183.3[b][1])	Yes. The two parcels that comprise the project site have been previously developed as an auto repair facility and a gasoline station, as described in the Project Description above.
2.	Satisfy the performance Standards provided in Appendix M (CEQA Guidelines Section 15183.3[b][2]) as presented in 2a and 2b below:	—
	2a. *Performance Standards Related to Project Design.* All projects must implement **all** of the following:	—
	Renewable Energy. *Non-Residential Projects.* All nonresidential projects shall include onsite renewable power generation, such as solar photovoltaic, solar thermal, and wind power generation, or clean back-up power supplies, where feasible. *Residential Projects.* Residential projects are also encouraged to include such onsite renewable power generation.	Not Applicable. According to Section IV (G) of CEQA Appendix M, for mixed-use projects "…the performance standards in this section that apply to the predominant use shall govern the entire project." Because the predominant use is residential, the Project is not required to include onsite renewable power generation. However, the Project proposes to reserve 15% of the roof area for solar panels.
	Soil and Water Remediation. If the project site is included on any list compiled pursuant to Section 65962.5 of the Government Code, the project shall document how it has remediated the site, if remediation is completed. Alternatively, the project shall implement the recommendations provided in a preliminary endangerment assessment or comparable document that identifies remediation appropriate for the site.	Both parcels comprising the Project are on the State Water Resources Control Board's GeoTracker list of sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. The list is compiled pursuant to Section 65962.5 of the Government Code (the "Cortese List"). Both parcels are now under the supervision of ACDEH as part of the Local Oversight Program. The parcel at 230 West MacArthur Boulevard has been granted closure for commercial land uses, which includes the Site Management Restriction that ACDEH must approve any other proposed land use of the site. The parcel at 240 is still undergoing remediation. The Project shall implement the recommendations provided in a preliminary endangerment assessment or comparable document that identifies remediation appropriate for the site.
	Residential Units Near High-Volume Roadways and Stationary Sources. If a project includes residential units located within 500 feet, or other distance determined to be appropriate by the local agency or air district based on local conditions, of a high volume roadway or other significant sources of air pollution, the project	Yes. For projects that include residential units, the BAAQMD recommends evaluating the cumulative health risks to the residents from mobile and stationary sources of TAC emissions within 1,000 feet of the Project. Based on the screening Health Risk Assessment conducted

PROJECT INFILL ELIGIBILITY		
CEQA Eligibility Criteria		**Eligible?/Notes for Proposed Project**
	shall comply with any policies and standards identified in the local general plan, specific plan, zoning code, or community risk reduction plan for the protection of public health from such sources of air pollution. If the local government has not adopted such plans or policies, the project shall include measures, such as enhanced air filtration and project design, that the lead agency finds, based on substantial evidence, will promote the protection of public health from sources of air pollution. Those measures may include, among others, the recommendations of the California Air Resources Board, air districts, and the California Air Pollution Control Officers Association.	for the Project, the Project would not be required to implement the health risk reduction measures under SCA-20, including the installation and maintenance of high efficiency filtration systems with a Minimum Efficiency Reporting Value rating of 13 (MERV-13). See the discussion under Criterion Section 15332(d), Air Quality, included in this CEQA Analysis.
	2b. *Additional Performance Standards by Project Type.* In addition to implementing all the features described in criterion 2a above, the project must meet eligibility requirements provided below by project type.[a]	—
	Residential. A residential project must meet **<u>one</u>** of the following: A. *Projects achieving below average regional per capita vehicle miles traveled.* A residential project is eligible if it is located in a "low vehicle travel area" within the region; B. *Projects located within ½ mile of an Existing Major Transit Stop or High Quality Transit Corridor.* A residential project is eligible if it is located within ½ mile of an existing major transit stop or an existing stop along a high quality transit corridor; **<u>or</u>** C. *Low – Income Housing.* A residential or mixed-use project consisting of 300 or fewer residential units all of which are affordable to low income households is eligible if the developer of the development project provides sufficient legal commitments to the lead agency to ensure the continued availability and use of the housing units for lower income households, as defined in Section 50079.5 of the Health and Safety Code, for a period of at least 30 years, at monthly housing costs, as determined pursuant to Section 50053 of the Health and Safety Code.	Yes, satisfies A and B. Criterion A: The Project is in a low VMT area: the VMT per capita in its Transit Area Zone is 7.77, compared to the Bay Area average VMT per capita of 15.0 Criterion B: The Project site is located within 1,700 feet of the bus stop at 40th Street & Broadway, where both the 51A line and the 57 line have frequency of service intervals of 15 minutes or less during the morning and afternoon peak commute periods.

PROJECT INFILL ELIGIBILITY		
CEQA Eligibility Criteria		**Eligible?/Notes for Proposed Project**
	Commercial/Retail. A commercial/retail project must meet **one** of the following: A. *Regional Location.* A commercial project with no single-building floor-plate greater than 50,000 square feet is eligible if it locates in a "low vehicle travel area"; **or** B. *Proximity to Households.* A project with no single-building floor-plate greater than 50,000 square feet located within ½ mile of 1,800 households is eligible.	Not Applicable. According to Section IV (G) of CEQA Appendix M, for mixed-use projects "…the performance standards in this Section that apply to the predominant use shall govern the entire project." Because the predominant use is residential, the requirements for commercial/retail projects do not apply.
	Office Building. An office building project must meeting **one** of the following: A. *Regional Location.* Office buildings, both commercial and public, are eligible if they locate in a low vehicle travel area; **or** B. *Proximity to a Major Transit Stop.* Office buildings, both commercial and public, within ½ mile of an existing major transit stop, or ¼ mile of an existing stop along a high quality transit corridor, are eligible.	Not applicable
	Schools. Elementary schools within 1 mile of 50 percent of the projected student population are eligible. Middle schools and high schools within 2 miles of 50 percent of the projected student population are eligible. Alternatively, any school within ½ mile of an existing major transit stop or an existing stop along a high quality transit corridor is eligible. Additionally, to be eligible, all schools shall provide parking and storage for bicycles and scooters, and shall comply with the requirements of Sections 17213, 17213.1, and 17213.2 of the California Education Code.	Not Applicable.
	Transit. Transit stations, as defined in Section 15183.3(e)(1), are eligible.	Not Applicable.
	Small Walkable Community Projects. Small walkable community projects, as defined in Section 15183.3, subdivision (e)(6), that implement the project features in 2a above are eligible.	Not Applicable.

PROJECT INFILL ELIGIBILITY		
CEQA Eligibility Criteria		**Eligible?/Notes for Proposed Project**
3.	Be consistent with the general use designation, density, building intensity, and applicable policies specified for the project area in either a sustainable communities strategy or an alternative planning strategy, **except** as provided in CEQA Guidelines Sections 15183.3(b)(3)(A) or (b)(3)(B) below: (b)(3)(A). Only where an infill project is proposed within the boundaries of a metropolitan planning organization for which a sustainable communities strategy or an alternative planning strategy will be, but is not yet in effect, a residential infill project must have a density of at least 20 units per acre, and a retail or commercial infill project must have a floor area ratio of at least 0.75; **or** (b)(3)(B). Where an infill project is proposed outside of the boundaries of a metropolitan planning organization, the infill project must meet the definition of a "small walkable community project" in CEQA Guidelines Section 15183.3(f)(5). (CEQA Guidelines Section 15183.3[b][3])	Yes. The adopted Plan Bay Area (2013) serves as the sustainable communities strategy for the Bay Area, per Senate Bill 375. As defined by the Plan, Priority Development Areas (PDAs) are areas where new development will support the needs of residents and workers in a pedestrian-friendly environment served by transit. As identified in Plan Bay Area, the Project is within the MacArthur Transit Village PDA. This PDA is planned to become one of Oakland's premier transit villages. Planned improvements include attractive streetscapes, abundant housing choices, ground floor neighborhood serving retail, a new public place adjacent to retail, community space, a new BART plaza, and improved shuttle service. The planned improvements are intended to reduce dependency vehicles by placing new residents near both transit and employment opportunities. This transit village aims to be a regional model of a complete community. As such, the 230-240 West MacArthur mixed use project is consistent with the general land use designation, density, building intensity, and applicable policies specified in the General Plan, as described in further detail in the CEQA Analysis under Section 15183 and summarized below. The General Plan land use designation for the site is Neighborhood Center Mixed Use; this classification is intended to enhance the character of established neighborhood commercial centers that have a compact, vibrant pedestrian environment. The proposed mixed-use Project would be consistent with this designation.

Streamlined Environmental Review

CEQA Guidelines Section 15183.3(a), which allows streamlining for qualified infill projects, limits topics applicable to project-level review where the effects of infill development have been addressed in other planning level decisions by the lead agency or by uniformly applicable development policies (Standard Conditions of Approval) which mitigate such impacts. The prior EIRs for this analysis include the General Plan LUTE Environmental Impact Report (EIR) (1998), the Housing Element EIRs (2007-1014 and Update 2015-2023). As the analysis in Section VI: Consistency with Community Plan above demonstrates, the Project would not substantially increase the severity of the significant impacts identified in the prior EIRs, nor would it result in new significant impacts that were not identified in the prior EIRs. Further, there have been no substantial changes in circumstances following certification of the Housing Element Update EIR that would result in any new specific effects. Therefore, this document fulfills the review requirements for the Project pursuant to Section 15183.3.

ATTACHMENT A:
CITY OF OAKLAND – STANDARD CONDITIONS OF APPROVAL

The City of Oakland's Uniformly Applied Development Standards adopted as Standard Conditions of Approval (Standard Conditions of Approval, or SCAs) were originally adopted by the City in 2008 (Ordinance No. 12899 C.M.S.) pursuant to Public Resources Code section 21083.3) and have been incrementally updated over time. The most recent update was adopted April 11, 2017. The SCAs incorporate development policies and standards from various adopted plans, policies, and ordinances (such as the Oakland Planning and Municipal Codes, Oakland Creek Protection, Stormwater Water Management and Discharge Control Ordinance, Oakland Tree Protection Ordinance, Oakland Grading Regulations, National Pollutant Discharge Elimination System (NPDES) permit requirements, Green Building Ordinance, historic/Landmark status, California Building Code, and Uniform Fire Code, among others), which have been found to substantially mitigate environmental effects.

These SCAs are incorporated into projects as conditions of approval, regardless of the determination of a project's environmental impacts. As applicable, the SCAs are adopted as requirements of an individual project when it is approved by the City, and are designed to, and will, avoid or substantially reduce a project's environmental effects.

In reviewing project applications, the City determines which SCAs apply based upon the zoning district, community plan, and the type of permits/approvals required for the project. Depending on the specific characteristics of the project type and/or project site, the City will determine which SCAs apply to a specific project. Because these SCAs are mandatory City requirements imposed on a city-wide basis, environmental analyses assume that these SCAs will be imposed and implemented by the project, and are not imposed as mitigation measures under CEQA.

All SCAs identified in the CEQA Analysis—which is consistent with the measures and conditions presented in the City of Oakland General Plan, Land Use and Transportation EIR (LUTE EIR, 1998)—are included herein. To the extent that any SCA identified in the CEQA Analysis was inadvertently omitted, it is automatically incorporated herein by reference.

The first column identifies the SCA applicable to that topic in the CEQA Analysis.

The second column identifies the monitoring schedule or timing applicable to the project.

The third column names the party responsible for monitoring the required action for the project.

In addition to the SCAs identified and discussed in the CEQA Analysis, other SCAs that are applicable to the project are included herein.

The project sponsor is responsible for compliance with any recommendations in approved technical reports and with all SCAs set forth herein at its sole cost and expense, unless otherwise expressly provided in a specific SCA, and subject to the review and approval of the City of Oakland. Overall monitoring and compliance with the SCAs will be the responsibility of the Planning and Zoning Division.

Prior to the issuance of a demolition, grading, and/or construction permit, the project sponsor shall pay the applicable mitigation and monitoring fee to the City in accordance with the City's Master Fee Schedule.

Note that the SCAs included in this document are referred to using an abbreviation for the environmental topic area and are numbered sequentially for each topic area—i.e., **SCA AIR-1**, **SCA AIR-2**, etc. The SCA title and the SCA number that corresponds to the City's master SCA list are also provided—i.e., **SCA AIR-1: Construction-Related Air Pollution (Dust and Equipment Emissions) (#19)**.

	Implementation/Monitoring		
Standard Conditions of Approval	**When Required**	**Initial Approval**	**Monitoring/ Inspection**
Aesthetics, Shadow and Wind			
SCA AES-1: Graffiti Control. (#16) a. During construction and operation of the project, the project applicant shall incorporate best management practices reasonably related to the control of graffiti and/or the mitigation of the impacts of graffiti. Such best management practices may include, without limitation: i. Installation and maintenance of landscaping to discourage defacement of and/or protect likely graffiti-attracting surfaces. ii. Installation and maintenance of lighting to protect likely graffiti-attracting surfaces. iii. Use of paint with anti-graffiti coating. iv. Incorporation of architectural or design elements or features to discourage graffiti defacement in accordance with the principles of Crime Prevention Through Environmental Design (CPTED). v. Other practices approved by the City to deter, protect, or reduce the potential for graffiti defacement. b. The project applicant shall remove graffiti by appropriate means within seventy-two (72) hours. Appropriate means include: i. Removal through scrubbing, washing, sanding, and/or scraping (or similar method) without damaging the surface and without discharging wash water or cleaning detergents into the City storm drain system. ii. Covering with new paint to match the color of the surrounding surface. iii. Replacing with new surfacing (with City permits if required).	Ongoing	N/A	Bureau of Building
SCA AES-2: Landscape Plan. (#17) *a. Landscape Plan Required* The project applicant shall submit a final Landscape Plan for	Prior to approval of construction-related permit	Bureau of Planning	N/A

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
City review and approval that is consistent with the approved Landscape Plan. The Landscape Plan shall be included with the set of drawings submitted for the construction-related permit and shall comply with the landscape requirements of chapter 17.124 of the Planning Code.			
b. Landscape Installation The project applicant shall implement the approved Landscape Plan unless a bond, cash deposit, letter of credit, or other equivalent instrument acceptable to the Director of City Planning, is provided. The financial instrument shall equal the greater of $2,500 or the estimated cost of implementing the Landscape Plan based on a licensed contractor's bid.	Prior to building permit final	Bureau of Planning	Bureau of Building
c. Landscape Maintenance All required planting shall be permanently maintained in good growing condition and, whenever necessary, replaced with new plant materials to ensure continued compliance with applicable landscaping requirements. The property owner shall be responsible for maintaining planting in adjacent public rights-of-way. All required fences, walls, and irrigation systems shall be permanently maintained in good condition and, whenever necessary, repaired or replaced.	Ongoing	N/A	Bureau of Building
SCA AES-3: Lighting. (#18) Proposed new exterior lighting fixtures shall be adequately shielded to a point below the light bulb and reflector to prevent unnecessary glare onto adjacent properties.	Prior to building permit final	N/A	Bureau of Building
Air Quality			
SCA AIR-1: Construction-Related Air Pollution (Dust and Equipment Emissions). (#19) The project applicant shall implement all of the following applicable air pollution control measures during construction of the project: a. Water all exposed surfaces of active construction areas at least twice daily. Watering should be sufficient to prevent airborne dust from leaving the site. Increased watering frequency may be necessary whenever wind speeds exceed 15 miles per hour. Reclaimed water should be used whenever feasible. b. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer).	During construction	N/A	Bureau of Planning

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	When Required	Initial Approval	Monitoring/ Inspection
c. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.			
d. Pave all roadways, driveways, sidewalks, etc. within one month of site grading or as soon as feasible. In addition, building pads should be laid within one month of grading or as soon as feasible unless seeding or soil binders are used.			
e. Enclose, cover, water twice daily, or apply (non-toxic) soil stabilizers to exposed stockpiles (dirt, sand, etc.).			
f. Limit vehicle speeds on unpaved roads to 15 miles per hour.			
g. Idling times on all diesel-fueled commercial vehicles over 10,000 lbs. shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485, of the California Code of Regulations). Clear signage to this effect shall be provided for construction workers at all access points.			
h. Idling times on all diesel-fueled off-road vehicles over 25 horsepower shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes and fleet operators must develop a written policy as required by Title 23, Section 2449, of the California Code of Regulations ("California Air Resources Board Off-Road Diesel Regulations").			
i. All construction equipment shall be maintained and properly tuned in accordance with the manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.			
j. Portable equipment shall be powered by electricity if available. If electricity is not available, propane or natural gas shall be used if feasible. Diesel engines shall only be used if electricity is not available and it is not feasible to use propane or natural gas.			
k. All exposed surfaces shall be watered at a frequency adequate to maintain minimum soil moisture of 12 percent. Moisture			

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content can be verified by lab samples or moisture probe.			
l. All excavation, grading, and demolition activities shall be suspended when average wind speeds exceed 20 mph.			
m. Install sandbags or other erosion control measures to prevent silt runoff to public roadways.			
n. Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for one month or more).			
o. Designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holidays and weekend periods when work may not be in progress.			
p. Install appropriate wind breaks (e.g., trees, fences) on the windward side(s) of actively disturbed areas of the construction site to minimize wind-blown dust. Wind breaks must have a maximum 50 percent air porosity.			
q. Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established.			
r. Activities such as excavation, grading, and other ground-disturbing construction activities shall be phased to minimize the amount of disturbed surface area at any one time.			
s. All trucks and equipment, including tires, shall be washed off prior to leaving the site.			
t. Site accesses to a distance of 100 feet from the paved road shall be treated with a 6 to 12 inch compacted layer of wood chips, mulch, or gravel.			
u. All equipment to be used on the construction site and subject to the requirements of Title 13, Section 2449, of the California Code of Regulations ("California Air Resources Board Off-Road Diesel Regulations") must meet emissions and performance requirements one year in advance of any fleet deadlines. Upon request by the City, the project applicant shall provide written documentation that fleet requirements have been met.			

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	When Required	Initial Approval	Monitoring/ Inspection
v. Use low VOC (i.e., ROG) coatings beyond the local requirements (i.e., BAAQMD Regulation 8, Rule 3: Architectural Coatings). w. All construction equipment, diesel trucks, and generators shall be equipped with Best Available Control Technology for emission reductions of NOx and PM. x. Off-road heavy diesel engines shall meet the California Air Resources Board's most recent certification standard. y. Post a publicly-visible large on-site sign that includes the contact name and phone number for the project complaint manager responsible for responding to dust complaints and the telephone numbers of the City's Code Enforcement unit and the Bay Area Air Quality Management District. When contacted, the project complaint manager shall respond and take corrective action within 48 hours.			
Note: The Health Risk Assessment required by this SCA has been conducted. The results demonstrated that health risks from the Project would be below the applicable thresholds. No further measures from this SCA are required. **SCA AIR-2: Exposure to Air Pollution (Toxic Air Contaminants). (#20)** *a. Health Risk Reduction Measures* The project applicant shall incorporate appropriate measures into the project design in order to reduce the potential health risk due to exposure to toxic air contaminants. The project applicant shall choose <u>one</u> of the following methods: i. The project applicant shall retain a qualified air quality consultant to prepare a Health Risk Assessment (HRA) in accordance with California Air Resources Board (CARB) and Office of Environmental Health and Hazard Assessment requirements to determine the health risk of exposure of project residents / occupants / users to air pollutants. The HRA shall be submitted to the City for review and approval. If the HRA concludes that the health risk is at or below acceptable levels, then health risk reduction measures are not required. If the HRA concludes that the health risk exceeds acceptable levels, health risk reduction measures shall be identified to reduce the health risk to acceptable levels. Identified risk reduction measures shall be submitted to the City for review and approval and be included on the	Prior to Approval of Construction-Related Permit	Bureau of Planning	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	Initial Approval	Monitoring/ Inspection
project drawings submitted for the construction-related permit or on other documentation submitted to the City. – or – ii. The project applicant shall incorporate the following health risk reduction measures into the project. These features shall be submitted to the City for review and approval and be included on the project drawings submitted for the construction-related permit or on other documentation submitted to the City: • Installation of air filtration to reduce cancer risks and Particulate Matter (PM) exposure for residents and other sensitive populations in the project that are in close proximity to sources of air pollution. Air filter devices shall be rated MERV-13 or higher. As part of implementing this measure, an ongoing maintenance plan for the building's HVAC air filtration system shall be required. • Where appropriate, install passive electrostatic filtering systems, especially those with low air velocities (i.e., 1 mph). • Phasing of residential developments when proposed within 500 feet of freeways such that homes nearest the freeway are built last, if feasible. • The project shall be designed to locate sensitive receptors as far away as feasible from the source(s) of air pollution. Operable windows, balconies, and building air intakes shall be located as far away from these sources as feasible. If near a distribution center, residents shall be located as far away as feasible from a loading dock or where trucks concentrate to deliver goods. • Sensitive receptors shall be located on the upper floors of buildings, if feasible. • Planting trees and/or vegetation between sensitive receptors and pollution source, if feasible. Trees that are best suited to trapping PM shall be planted, including one or more of the following: Pine (*Pinus nigra var. maritima*), Cypress (*X Cupressocyparis leylandi*i), Hybrid popular (*Populus deltoids X trichocarpa*), and Redwood (*Sequoia sempervirens*). • Sensitive receptors shall be located as far away from truck activity areas, such as loading docks and delivery areas, as feasible. • Existing and new diesel generators shall meet CARB's Tier 4 emission standards, if feasible. • Emissions from diesel trucks shall be reduced through			

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
implementing the following measures, if feasible: o Installing electrical hook-ups for diesel trucks at loading docks. o Requiring trucks to use Transportation Refrigeration Units (TRU) that meet Tier 4 emission standards. o Requiring truck-intensive projects to use advanced exhaust technology (e.g., hybrid) or alternative fuels. o Prohibiting trucks from idling for more than two minutes. o Establishing truck routes to avoid sensitive receptors in the project. A truck route program, along with truck calming, parking, and delivery restrictions, shall be implemented.			
b. Maintenance of Health Risk Reduction Measures: The project applicant shall maintain, repair, and/or replace installed health risk reduction measures, including but not limited to the HVAC system (if applicable), on an ongoing and as-needed basis. Prior to occupancy, the project applicant shall prepare and then distribute to the building manager/operator an operation and maintenance manual for the HVAC system and filter including the maintenance and replacement schedule for the filter.	Ongoing	N/A	Bureau of Building
SCA AIR-3: Asbestos in Structures (#23). The project applicant shall comply with all applicable laws and regulations regarding demolition and renovation of Asbestos Containing Materials (ACM), including but not limited to California Code of Regulations, Title 8; California Business and Professions Code, Division 3; California Health and Safety Code sections 25915-25919.7; and Bay Area Air Quality Management District, Regulation 11, Rule 2, as may be amended. Evidence of compliance shall be submitted to the City upon request.	Prior to approval of construction-related permit	Applicable regulatory agency with jurisdiction	Applicable regulatory agency with jurisdiction
Biological Resources			
SCA BIO-1: Tree Removal During Bird Breeding Season. (#26) To the extent feasible, removal of any tree and/or other vegetation suitable for nesting of birds shall not occur during the bird breeding season of February 1 to August 15 (or during December 15 to August 15 for trees located in or near marsh, wetland, or aquatic habitats). If tree removal must occur during the bird breeding season, all trees to be removed shall be surveyed by a qualified biologist to verify the presence or absence of nesting raptors or other birds. Pre-removal surveys shall be conducted within 15 days prior to the start of work and shall be submitted to the City for review and approval. If the survey indicates the potential presence of nesting raptors or other birds, the biologist shall determine an appropriately sized buffer around	Prior to removal of trees	Bureau of Building.	Bureau of Building.

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
the nest in which no work will be allowed until the young have successfully fledged. The size of the nest buffer will be determined by the biologist in consultation with the California Department of Fish and Wildlife, and will be based to a large extent on the nesting species and its sensitivity to disturbance. In general, buffer sizes of 200 feet for raptors and 50 feet for other birds should suffice to prevent disturbance to birds nesting in the urban environment, but these buffers may be increased or decreased, as appropriate, depending on the bird species and the level of disturbance anticipated near the nest.			
SCA BIO-2: Tree Permit. (#27) *a. Tree Permit Required* Pursuant to the City's Tree Protection Ordinance (OMC chapter 12.36), the project applicant shall obtain a tree permit and abide by the conditions of that permit.	Prior to approval of construction-related permit	Permit approval by Public Works Department, Tree Division; evidence of approval submitted to Bureau of Building	Bureau of Building
b. Tree Protection During Construction Adequate protection shall be provided during the construction period for any trees which are to remain standing, including the following, plus any recommendations of an arborist: i. Before the start of any clearing, excavation, construction, or other work on the site, every protected tree deemed to be potentially endangered by said site work shall be securely fenced off at a distance from the base of the tree to be determined by the project's consulting arborist. Such fences shall remain in place for duration of all such work. All trees to be removed shall be clearly marked. A scheme shall be established for the removal and disposal of logs, brush, earth and other debris which will avoid injury to any protected tree. ii. Where proposed development or other site work is to encroach upon the protected perimeter of any protected tree, special measures shall be incorporated to allow the roots to breathe and obtain water and nutrients. Any excavation, cutting, filing, or compaction of the existing ground surface within the protected perimeter shall be minimized. No change in existing ground level shall occur within a distance to be determined by the project's consulting arborist from the base of any protected tree at any time. No burning or use of equipment with an open flame shall occur near or within the protected perimeter of any protected tree.	During construction	Public Works Department, Tree Division	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
iii. No storage or dumping of oil, gas, chemicals, or other substances that may be harmful to trees shall occur within the distance to be determined by the project's consulting arborist from the base of any protected trees, or any other location on the site from which such substances might enter the protected perimeter. No heavy construction equipment or construction materials shall be operated or stored within a distance from the base of any protected trees to be determined by the project's consulting arborist. Wires, ropes, or other devices shall not be attached to any protected tree, except as needed for support of the tree. No sign, other than a tag showing the botanical classification, shall be attached to any protected tree. iv. Periodically during construction, the leaves of protected trees shall be thoroughly sprayed with water to prevent buildup of dust and other pollution that would inhibit leaf transpiration. v. If any damage to a protected tree should occur during or as a result of work on the site, the project applicant shall immediately notify the Public Works Department and the project's consulting arborist shall make a recommendation to the City Tree Reviewer as to whether the damaged tree can be preserved. If, in the professional opinion of the Tree Reviewer, such tree cannot be preserved in a healthy state, the Tree Reviewer shall require replacement of any tree removed with another tree or trees on the same site deemed adequate by the Tree Reviewer to compensate for the loss of the tree that is removed. vi. All debris created as a result of any tree removal work shall be removed by the project applicant from the property within two weeks of debris creation, and such debris shall be properly disposed of by the project applicant in accordance with all applicable laws, ordinances, and regulations.			
c. Tree Replacement Plantings Replacement plantings shall be required for tree removals for the purposes of erosion control, groundwater replenishment, visual screening, wildlife habitat, and preventing excessive loss of shade, in accordance with the following criteria: • No tree replacement shall be required for the removal of nonnative species, for the removal of trees which is required for the benefit of remaining trees, or where insufficient planting area exists for a mature tree of the species being considered. • Replacement tree species shall consist of Coast Redwood (*Sequoia sempervirens*), Coast Live Oak (*Quercus agrifolia*),	Prior to building permit final	Public Works Department, Tree Division	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
Madrone (*Arbutus menziesii)*, California Buckeye (*Aesculus californica*), California Bay Laurel (*Umbellularia californica*), or other tree species acceptable to the Tree Division. • Replacement trees shall be at least twenty-four (24) inch box size, unless a smaller size is recommended by the arborist, except that three fifteen (15) gallon size trees may be substituted for each twenty-four (24) inch box size tree where appropriate. • Minimum planting areas must be available on site as follows: o For *Sequoia sempervirens*, three hundred fifteen (315) square feet per tree; o For other species listed, seven hundred (700) square feet per tree. • In the event that replacement trees are required but cannot be planted due to site constraints, an in lieu fee in accordance with the City's Master Fee Schedule may be substituted for required replacement plantings, with all such revenues applied toward tree planting in city parks, streets and medians. • The project applicant shall install the plantings and maintain the plantings until established. The Tree Reviewer of the Tree Division of the Public Works Department may require a landscape plan showing the replacement plantings and the method of irrigation. Any replacement plantings which fail to become established within one year of planting shall be replanted at the project applicant's expense.			
Cultural Resources			
SCA CUL-1: Archaeological and Paleontological Resources – Discovery During Construction. (#29) Pursuant to CEQA Guidelines section 15064.5(f), in the event that any historic or prehistoric subsurface cultural resources are discovered during ground disturbing activities, all work within 50 feet of the resources shall be halted and the project applicant shall notify the City and consult with a qualified archaeologist or paleontologist, as applicable, to assess the significance of the find. In the case of discovery of paleontological resources, the assessment shall be done in accordance with the Society of Vertebrate Paleontology standards. If any find is determined to be significant, appropriate avoidance measures recommended by the consultant and approved by the City must be followed unless avoidance is determined unnecessary or infeasible by the City. Feasibility of avoidance shall be determined with consideration of factors such as the nature of the find, project design, costs, and other considerations. If avoidance is unnecessary or infeasible, other appropriate measures (e.g., data recovery, excavation) shall	During construction	N/A	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	Initial Approval	Monitoring/ Inspection
be instituted. Work may proceed on other parts of the project site while measures for the cultural resources are implemented. In the event of data recovery of archaeological resources, the project applicant shall submit an Archaeological Research Design and Treatment Plan (ARDTP) prepared by a qualified archaeologist for review and approval by the City. The ARDTP is required to identify how the proposed data recovery program would preserve the significant information the archaeological resource is expected to contain. The ARDTP shall identify the scientific/historic research questions applicable to the expected resource, the data classes the resource is expected to possess, and how the expected data classes would address the applicable research questions. The ARDTP shall include the analysis and specify the curation and storage methods. Data recovery, in general, shall be limited to the portions of the archaeological resource that could be impacted by the Project. Destructive data recovery methods shall not be applied to portions of the archaeological resources if nondestructive methods are practicable. Because the intent of the ARDTP is to save as much of the archaeological resource as possible, including moving the resource, if feasible, preparation and implementation of the ARDTP would reduce the potential adverse impact to less than significant. The project applicant shall implement the ARDTP at his/her expense. In the event of excavation of paleontological resources, the project applicant shall submit an excavation plan prepared by a qualified paleontologist to the City for review and approval. All significant cultural materials recovered shall be subject to scientific analysis, professional museum curation, and/or a report prepared by a qualified paleontologist, as appropriate, according to current professional standards and at the expense of the project applicant.			

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
SCA CUL-2: Human Remains – Discovery during Construction. (#31): Pursuant to CEQA Guidelines section 15064.5(e)(1), in the event that human skeletal remains are uncovered at the project site during construction activities, all work shall immediately halt and the project applicant shall notify the City and the Alameda County Coroner. If the County Coroner determines that an investigation of the cause of death is required or that the remains are Native American, all work shall cease within 50 feet of the remains until appropriate arrangements are made. In the event that the remains are Native American, the City shall contact the California Native American Heritage Commission (NAHC), pursuant to subdivision (c) of section 7050.5 of the California Health and Safety Code. If the agencies determine that avoidance is not feasible, then an alternative plan shall be prepared with specific steps and timeframe required to resume construction activities. Monitoring, data recovery, determination of significance, and avoidance measures (if applicable) shall be completed expeditiously and at the expense of the project applicant.	During Construction	N/A	Bureau of Building
Geology and Soils			
SCA GEO-1: Construction-Related Permit(s). (#33) The project applicant shall obtain all required construction-related permits/approvals from the City. The project shall comply with all standards, requirements and conditions contained in construction-related codes, including but not limited to the Oakland Building Code and the Oakland Grading Regulations, to ensure structural integrity and safe construction.	Prior to approval of construction-related permit	Bureau of Building	Bureau of Building
SCA GEO-2: Geotechnical Report. (#36) The project applicant shall submit a site-specific geotechnical report, consistent with California Geological Survey Special Publication 117 (as amended), prepared by a registered geotechnical engineer for City review and approval containing at a minimum a description of the geological and geotechnical conditions at the site, an evaluation of site-specific seismic hazards based on geological and geotechnical conditions, and recommended measures to reduce potential impacts related to liquefaction and/or slope stability hazards. The project applicant shall implement the recommendations contained in the approved report during project design and construction	Prior to approval of construction-related permit	Bureau of Building	Bureau of Building
Hazards and Hazardous Materials			
SCA HAZ-1: Hazardous Materials Related to Construction. (#39) The project applicant shall ensure that Best Management Practices (BMPs) are implemented by the contractor during construction to minimize potential negative effects on groundwater, soils, and human health. These shall include, at a	During construction	N/A	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
minimum, the following: a. Follow manufacture's recommendations for use, storage, and disposal of chemical products used in construction; b. Avoid overtopping construction equipment fuel gas tanks; c. During routine maintenance of construction equipment, properly contain and remove grease and oils; d. Properly dispose of discarded containers of fuels and other chemicals; e. Implement lead-safe work practices and comply with all local, regional, state, and federal requirements concerning lead (for more information refer to the Alameda County Lead Poisoning Prevention Program); and If soil, groundwater, or other environmental medium with suspected contamination is encountered unexpectedly during construction activities (e.g., identified by odor or visual staining, or if any underground storage tanks, abandoned drums or other hazardous materials or wastes are encountered), the project applicant shall cease work in the vicinity of the suspect material, the area shall be secured as necessary, and the applicant shall take all appropriate measures to protect human health and the environment. Appropriate measures shall include notifying the City and applicable regulatory agency(-ies) and implementation of the actions described in the City's Standard Conditions of Approval, as necessary, to identify the nature and extent of contamination. Work shall not resume in the area(s) affected until the measures have been implemented under the oversight of the City or regulatory agency, as appropriate.			
SCA-HAZ-2: Hazardous Building Materials and Site Contamination. (#40) a. *Hazardous Building Materials Assessment* The project applicant shall submit a comprehensive assessment report to the Bureau of Building, signed by a qualified environmental professional, documenting the presence or lack thereof of asbestos-containing materials (ACMs), lead-based paint, polychlorinated biphenyls (PCBs), and any other building materials or stored materials classified as hazardous materials by State or federal law. If lead-based paint, ACMs, PCBs, or any other building materials or stored materials classified as hazardous materials are present, the project applicant shall submit specifications signed by a qualified environmental professional, for the stabilization and/or removal of the identified hazardous materials in accordance with all applicable laws and regulations. The project applicant shall implement the approved recommendations and submit to the City evidence of approval for any proposed remedial action and required clearances by the	Prior to Approval of demolition, grading, or building Permit	Bureau of Building	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
applicable local, state, or federal regulatory agency.			
b. *Environmental Site Assessment Required* The Project applicant shall submit a Phase I Environmental Site Assessment report, and Phase II Environmental Site Assessment report if warranted by the Phase I report, for the Project site for review and approval by the City. The report(s) shall be prepared by a qualified environmental assessment professional and include recommendations for remedial action, as appropriate, for hazardous materials. The Project applicant shall implement the approved recommendations and submit to the City evidence of approval for any proposed remedial action and required clearances by the applicable local, state, or federal regulatory agency.	Prior to approval of construction-related permit	Applicable regulatory agency with jurisdiction	Applicable regulatory agency with jurisdiction
c. Health and Safety Plan Required The project applicant shall submit a Health and Safety Plan for the review and approval by the City in order to protect project construction workers from risks associated with hazardous materials. The project applicant shall implement the approved Plan.	Prior to Approval of Construction-Related Permit	Bureau of Building	Bureau of Building
d. Best Management Practices (BMPs) Required for Contaminated Sites The project applicant shall ensure that Best Management Practices (BMPs) are implemented by the contractor during construction to minimize potential soil and groundwater hazards. These shall include the following: i. Soil generated by construction activities shall be stockpiled on-site in a secure and safe manner. All contaminated soils determined to be hazardous or non-hazardous waste must be adequately profiled (sampled) prior to acceptable reuse or disposal at an appropriate off-site facility. Specific sampling and handling and transport procedures for reuse or disposal shall be in accordance with applicable local, state, and federal requirements. ii. Groundwater pumped from the subsurface shall be contained on-site in a secure and safe manner, prior to treatment and disposal, to ensure environmental and health issues are resolved pursuant to applicable laws and policies. Engineering controls shall be utilized, which include impermeable barriers to prohibit groundwater and vapor intrusion into the building.	During construction	N/A	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
SCA HAZ-3: Regulatory Permits and Authorizations from Other Agencies (#15). **The project applicant shall obtain all necessary regulatory permits and authorizations from applicable resource/regulatory agencies including, but not limited to, the Regional Water Quality Control Board, Bay Area Air Quality Management District, Bay Conservation and Development Commission, California Department of Fish and Wildlife, U. S. Fish and Wildlife Service, and Army Corps of Engineers and shall comply with all requirements and conditions of the permits/authorizations. The project applicant shall submit evidence of the approved permits/authorizations to the City, along with evidence demonstrating compliance with any regulatory permit/authorization conditions of approval.** **To further implement this Standard Condition of Approval:** **The project applicant shall submit for review and approval, the following (but not limited to) additional documents required by the Regulatory Agencies.** • **Remediation Implementation Plan** • **Soil and Groundwater Construction Management Plan** • **Dewatering Plan** • **Remedial Action Completion Report** • **Soil Import Plan**	Prior to activity requiring permit/authorization from regulatory agency	Approval by applicable regulatory agency with jurisdiction; evidence of approval submitted to Bureau of Planning	Applicable regulatory agency with jurisdiction
Hydrology and Water Quality			
a. SCA HYDRO-1: Erosion and Sedimentation Control Plan for Construction. (#45). ***Erosion and Sedimentation Control Plan Required*** Requirement: The project applicant shall submit an Erosion and Sedimentation Control Plan to the City for review and approval. The Erosion and Sedimentation Control Plan shall include all necessary measures to be taken to prevent excessive stormwater runoff or carrying by stormwater runoff of solid materials on to lands of adjacent property owners, public streets, or to creeks as a result of conditions created by grading and/or construction operations. The Plan shall include, but not be limited to, such measures as short-term erosion control planting, waterproof slope covering, check dams, interceptor ditches, benches, storm drains, dissipation structures, diversion dikes, retarding berms and barriers, devices to trap, store and filter out sediment, and stormwater retention basins. Off-site work by the project applicant may be necessary. The project applicant shall obtain permission or easements necessary for off-site work. There shall	Prior to Approval of Construction-Related Permit	Bureau of Building	N/A

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
be a clear notation that the plan is subject to changes as changing conditions occur. Calculations of anticipated stormwater runoff and sediment volumes shall be included, if required by the City. The Plan shall specify that, after construction is complete, the project applicant shall ensure that the storm drain system shall be inspected and that the project applicant shall clear the system of any debris or sediment. **Erosion and Sedimentation Control During Construction** Requirement: The project applicant shall implement the approved Erosion and Sedimentation Control Plan. No grading shall occur during the wet weather season (October 15 through April 15) unless specifically authorized in writing by the Bureau of Building.			
SCA HYDRO-2: NPDES C.3 Stormwater Requirements for Regulated Projects. (#50) *a. Post-Construction Stormwater Management Plan Required* The project applicant shall comply with the requirements of Provision C.3 of the Municipal Regional Stormwater Permit issued under the National Pollutant Discharge Elimination System (NPDES). The project applicant shall submit a Post-Construction Stormwater Management Plan to the City for review and approval with the project drawings submitted for site improvements, and shall implement the approved Plan during construction. The Post-Construction Stormwater Management Plan shall include and identify the following: i. Location and size of new and replaced impervious surface; ii. Directional surface flow of stormwater runoff; iii. Location of proposed on-site storm drain lines; iv. Site design measures to reduce the amount of impervious surface area; v. Source control measures to limit stormwater pollution; vi. Stormwater treatment measures to remove pollutants from stormwater runoff, including the method used to hydraulically size the treatment measures; and vii. Hydromodification management measures, if required by Provision C.3, so that post-project stormwater runoff flow and duration match pre-project runoff.	Prior to Approval of Construction-Related Permit	Bureau of Planning; Bureau of Building	Bureau of Building
b. Maintenance Agreement Required The project applicant shall enter into a maintenance agreement with the City, based on the Standard City of Oakland Stormwater Treatment Measures Maintenance Agreement, in accordance with Provision C.3, which provides, in part, for the following: i. The project applicant accepting responsibility for the adequate installation/construction, operation, maintenance, inspection, and reporting of any on-site stormwater treatment measures	Prior to Building Permit Final	Bureau of Building	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
being incorporated into the project until the responsibility is legally transferred to another entity; and ii. Legal access to the on-site stormwater treatment measures for representatives of the City, the local vector control district, and staff of the Regional Water Quality Control Board, San Francisco Region, for the purpose of verifying the implementation, operation, and maintenance of the on-site stormwater treatment measures and to take corrective action if necessary. The maintenance agreement shall be recorded at the County Recorder's Office at the applicant's expense.			
Noise			
SCA NOI-1: Construction Days/Hours. (#58): The project applicant shall comply with the following restrictions concerning construction days and hours: a. Construction activities are limited to between 7:00 a.m. and 7:00 p.m. Monday through Friday, except that pier drilling and/or other extreme noise generating activities greater than 90 dBA shall be limited to between 8:00 a.m. and 4:00 p.m. b. Construction activities are limited to between 9:00 a.m. and 5:00 p.m. on Saturday. In residential zones and within 300 feet of a residential zone, construction activities are allowed from 9:00 a.m. to 5:00 p.m. only within the interior of the building with the doors and windows closed. No pier drilling or other extreme noise generating activities greater than 90 dBA are allowed on Saturday. c. No construction is allowed on Sunday or federal holidays. Construction activities include, but are not limited to, truck idling, moving equipment (including trucks, elevators, etc.) or materials, deliveries, and construction meetings held on-site in a non-enclosed area. Any construction activity proposed outside of the above days and hours for special activities (such as concrete pouring which may require more continuous amounts of time) shall be evaluated on a case-by-case basis by the City, with criteria including the urgency/emergency nature of the work, the proximity of residential or other sensitive uses, and a consideration of nearby residents'/occupants' preferences. The project applicant shall notify property owners and occupants located within 300 feet at least 14 calendar days prior to construction activity proposed outside of the above days/hours. When submitting a request to the City to allow	During Construction	N/A	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
construction activity outside of the above days/hours, the project applicant shall submit information concerning the type and duration of proposed construction activity and the draft public notice for City review and approval prior to distribution of the public notice.			
SCA NOI-2: Construction Noise. (#59): The project applicant shall implement noise reduction measures to reduce noise impacts due to construction. Noise reduction measures include, but are not limited to, the following: a. Equipment and trucks used for project construction shall utilize the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures and acoustically-attenuating shields or shrouds) wherever feasible. b. Except as provided herein, impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for project construction shall be hydraulically or electrically powered to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used; this muffler can lower noise levels from the exhaust by up to about 10 dBA. External jackets on the tools themselves shall be used, if such jackets are commercially available, and this could achieve a reduction of 5 dBA. Quieter procedures shall be used, such as drills rather than impact equipment, whenever such procedures are available and consistent with construction procedures. c. Applicant shall use temporary power poles instead of generators where feasible. d. Stationary noise sources shall be located as far from adjacent properties as possible, and they shall be muffled and enclosed within temporary sheds, incorporate insulation barriers, or use other measures as determined by the City to provide equivalent noise reduction. e. The noisiest phases of construction shall be limited to less than 10 days at a time. Exceptions may be allowed if the City determines an extension is necessary and all available noise reduction controls are implemented.	During Construction	N/A	Bureau of Building
SCA NOI-3: Extreme Construction Noise. (#60) *a. Construction Noise Management Plan Required* Prior to any extreme noise generating construction activities (e.g., pier drilling, pile driving and other activities generating greater than 90dBA), the project applicant shall submit a Construction Noise Management Plan prepared by a qualified acoustical consultant for City review and approval that contains a set of site-specific noise attenuation measures to further reduce construction impacts associated with extreme noise generating activities. The project	Prior to Approval	Bureau of Building	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	Initial Approval	Monitoring/ Inspection
applicant shall implement the approved Plan during construction. Potential attenuation measures include, but are not limited to, the following: i. Erect temporary plywood noise barriers around the construction site, particularly along on sites adjacent to residential buildings; ii. Implement "quiet" pile driving technology (such as pre-drilling of piles, the use of more than one pile driver to shorten the total pile driving duration), where feasible, in consideration of geotechnical and structural requirements and conditions; iii. Utilize noise control blankets on the building structure as the building is erected to reduce noise emission from the site; iv. Evaluate the feasibility of noise control at the receivers by temporarily improving the noise reduction capability of adjacent buildings by the use of sound blankets for example and implement such measure if such measures are feasible and would noticeably reduce noise impacts; and v. Monitor the effectiveness of noise attenuation measures by taking noise measurements. Based on the potential noise impacts from construction equipment to nearby sensitive receptors, the following draft site-specific noise attenuation measures are additionally recommended for inclusion in the Construction Noise Management Plan: Temporary noise barriers will be placed between the proposed construction activities and nearby receptors. The noise barriers may be constructed from plywood and installed on top of a portable concrete K-Rail system to be able to move and/or adjust the wall location during construction activities. A sound blanket system hung on scaffolding, or other noise reduction materials that result in an equivalent or greater noise reduction than plywood, may also be used. Due to the proximity of the commercial and apartment buildings located at the northern and southern borders of project site, respectively, the use of Sound Transmission Class (STC) rated materials, or other materials that could similarly provide high levels of noise reduction above what plywood or sound blankets alone could provide, should be incorporated into the design of the noise barriers installed at these borders. An STC rating roughly equals the decibel reduction in noise volume that a wall, window, or door can provide. Therefore, using STC-rated materials could substantially increase the level of noise reduction provided by the barrier. The composition, location, height, and width of the barriers during different phases of construction will be determined by a qualified acoustical consultant and incorporated into the Construction			

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	Initial Approval	Monitoring/ Inspection
Noise Management Plan for the project. Best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures and acoustically-attenuating shields or shrouds) will be used for project equipment and trucks during construction wherever feasible. For example, exhaust mufflers on pneumatic tools can lower noise levels by up to about 10 dBA and external jackets can lower noise levels by up to about 5 dBA. Noise control blankets will be utilized on the building structure as the building is erected to reduce noise emission from the site. The use of noise control blankets will particularly be targeted to cover the levels of the building that have line of sight with the windows of adjacent receptors; Construction equipment will be positioned as far away from noise-sensitive receptors as possible. The project site is surrounded by hard surfaces, and therefore, for every doubling of the distance between a given receptor and construction equipment, noise will be reduced by approximately 6 dBA. *b. Public Notification Required* The project applicant shall notify property owners and occupants located within 300 feet of the construction activities at least 14 calendar days prior to commencing extreme noise generating activities. Prior to providing the notice, the project applicant shall submit to the City for review and approval the proposed type and duration of extreme noise generating activities and the proposed public notice. The public notice shall provide the estimated start and end dates of the extreme noise generating activities and describe noise attenuation measures to be implemented.			
SCA NOI-4: Construction Noise Complaints. (#62): The project applicant shall submit to the City for review and approval a set of procedures for responding to and tracking complaints received pertaining to construction noise, and shall implement the procedures during construction. At a minimum, the procedures shall include: a. Designation of an on-site construction complaint and enforcement manager for the project; b. A large on-site sign near the public right-of-way containing permitted construction days/hours, complaint procedures, and phone numbers for the project complaint manager and City Code Enforcement unit; c. Protocols for receiving, responding to, and tracking received complaints; and d. Maintenance of a complaint log that records received	Prior to Approval of Construction-Related Permit	Bureau of Building	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
complaints and how complaints were addressed, which shall be submitted to the City for review upon the City's request.			
SCA NOI-5: Exposure to Community Noise. (#63): The project applicant shall submit a Noise Reduction Plan prepared by a qualified acoustical engineer for City review and approval that contains noise reduction measures (e.g., sound-rated window, wall, and door assemblies) to achieve an acceptable interior noise level in accordance with the land use compatibility guidelines of the Noise Element of the Oakland General Plan. The applicant shall implement the approved Plan during construction. To the maximum extent practicable, interior noise levels shall not exceed the following: a. 45 dBA: Residential activities, civic activities, hotels. b. 50 dBA: Administrative offices; group assembly activities. c. 55 dBA: Commercial activities. d. 65 dBA: Industrial activities.	Prior to Approval of Construction-Related Permit	Bureau of Planning	Bureau of Building
SCA NOI-6: Operational Noise. (#64). Noise levels from the project site after completion of the project (i.e., during project operation) shall comply with the performance standards of chapter 17.120 of the Oakland Planning Code and chapter 8.18 of the Oakland Municipal Code. If noise levels exceed these standards, the activity causing the noise shall be abated until appropriate noise reduction measures have been installed and compliance verified by the City.	Ongoing	N/A	Bureau of Building
Transportation /Traffic			
SCA TRANS-1: Construction Activity in the Public Right-of-Way. (#68) *a. Obstruction Permit Required* The project applicant shall obtain an obstruction permit from the City prior to placing any temporary construction-related obstruction in the public right-of-way, including City streets and sidewalks.	Prior to Approval of Construction Related Permit	Bureau of Building	Bureau of Building
b. Traffic Control Plan Required In the event of obstructions to vehicle or bicycle travel lanes, the project applicant shall submit a Traffic Control Plan to the City for review and approval prior to obtaining an obstruction permit. The project applicant shall submit evidence of City approval of the Traffic Control Plan with the application for an obstruction permit. The Traffic Control Plan shall contain a set of comprehensive traffic control measures for auto, transit, bicycle, and pedestrian detours, including detour signs if required, lane closure procedures, signs, cones for drivers, and designated construction	Prior to Approval of Construction Related Permit	Public Works Department, Transportation Services Division	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
access routes. The project applicant shall implement the approved Plan during construction.			
c. Repair City Streets The project applicant shall repair any damage to the public right-of way, including streets and sidewalks caused by project construction at his/her expense within one week of the occurrence of the damage (or excessive wear), unless further damage/excessive wear may continue; in such case, repair shall occur prior to approval of the final inspection of the construction-related permit. All damage that is a threat to public health or safety shall be repaired immediately.	Prior to Building Permit Final	N/A	Bureau of Building
SCA TRANS-2: Bicycle Parking. (#69). The project applicant shall comply with the City of Oakland Bicycle Parking Requirements (chapter 17.118 of the Oakland Planning Code). The project drawings submitted for construction-related permits shall demonstrate compliance with the requirements.	Prior to approval of construction-related permit	Bureau of Planning	Bureau of Building
Utilities and Service Systems			
SCA UTIL-1: Construction and Demolition Waste Reduction and Recycling. (#74) The project applicant shall comply with the City of Oakland Construction and Demolition Waste Reduction and Recycling Ordinance (chapter 15.34 of the Oakland Municipal Code) by submitting a Construction and Demolition Waste Reduction and Recycling Plan (WRRP) for City review and approval, and shall implement the approved WRRP. Projects subject to these requirements include all new construction, renovations/alterations/ modifications with construction values of $50,000 or more (except R-3 type construction), and all demolition (including soft demolition) except demolition of type R-3 construction. The WRRP must specify the methods by which the project will divert construction and demolition debris waste from landfill disposal in accordance with current City requirements. The WRRP may be submitted electronically at www.greenhalo systems.com or manually at the City's Green Building Resource Center. Current standards, FAQs, and forms are available on the City's website and in the Green Building Resource Center.	Prior to Approval of Construction-Related Permit	Public Works Department, Environmental Services Division	Public Works Department, Environmental Services Division
SCA UTIL-2: Underground Utilities. (#75) The project applicant shall place underground all new utilities serving the project and under the control of the project applicant and the City, including all new gas, electric, cable, and telephone facilities, fire alarm conduits, street light wiring, and other wiring, conduits, and similar facilities. The new facilities shall be placed underground along the project's street frontage and from the project structures to the point of service. Utilities under the	During Construction	N/A	Bureau of Building

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
control of other agencies, such as PG&E, shall be placed underground if feasible. All utilities shall be installed in accordance with standard specifications of the serving utilities.			
SCA UTIL-3: Recycling Collection and Storage Space. (#76) The project applicant shall comply with the City of Oakland Recycling Space Allocation Ordinance (chapter 17.118 of the Oakland Planning Code). The project drawings submitted for construction-related permits shall contain recycling collection and storage areas in compliance with the Ordinance. For residential projects, at least two cubic feet of storage and collection space per residential unit is required, with a minimum of ten cubic feet. For nonresidential projects, at least two cubic feet of storage and collection space per 1,000 square feet of building floor area is required, with a minimum of ten cubic feet.	Prior to Approval of Construction-Related Permit	Bureau of Planning	Bureau of Building
SCA UTIL-4: Green Building Requirements. (#77) *a. Compliance with Green Building Requirements During Plan-Check* The project applicant shall comply with the requirements of the California Green Building Standards (CALGreen) mandatory measures and the applicable requirements of the City of Oakland Green Building Ordinance (chapter 18.02 of the Oakland Municipal Code). i. The following information shall be submitted to the City for review and approval with the application for a building permit: • Documentation showing compliance with Title 24 of the current version of the California Building Energy Efficiency Standards. • Completed copy of the final Green Building checklist approved during the review of the Planning and Zoning permit. • Copy of the Unreasonable Hardship Exemption, if granted, during the review of the Planning and Zoning permit. • Permit plans that show, in general notes, detailed design drawings, and specifications as necessary, compliance with the items listed in subsection (ii) below. • Copy of the signed statement by the Green Building Certifier approved during the review of the Planning and Zoning permit that the project complied with the requirements of the Green Building Ordinance. • Signed statement by the Green Building Certifier that the project still complies with the requirements of the Green Building Ordinance, unless an Unreasonable Hardship Exemption was granted during the review of the Planning and Zoning permit. • Other documentation as deemed necessary by the City to demonstrate compliance with the Green Building Ordinance. Ii. The set of plans in subsection (i) shall demonstrate compliance with the following:	Prior to Approval of Construction-Related Permit	Bureau of Building	N/A

Standard Conditions of Approval	Implementation/Monitoring		
	When Required	**Initial Approval**	**Monitoring/ Inspection**
• CALGreen mandatory measures. • Green building point level/certification requirement: (See Green Building Summary Table; for New Construction of Residential or Non-residential projects that remove a Historic Resource (as defined by the Green Building Ordinance) the point level certification requirement is 53 points for residential and LEED Gold for non-residential) per the appropriate checklist approved during the Planning entitlement process. • All green building points identified on the checklist approved during review of the Planning and Zoning permit, unless a Request for Revision Plan-check application is submitted and approved by the Bureau of Planning that shows the previously approved points that will be eliminated or substituted. • The required green building point minimums in the appropriate credit categories.			
b. Compliance with Green Building Requirements During Construction The project applicant shall comply with the applicable requirements of CALGreen and the Oakland Green Building Ordinance during construction of the project. The following information shall be submitted to the City for review and approval: • Completed copies of the green building checklists approved during the review of the Planning and Zoning permit and during the review of the building permit. • Signed statement(s) by the Green Building Certifier during all relevant phases of construction that the project complies with the requirements of the Green Building Ordinance. Other documentation as deemed necessary by the City to demonstrate compliance with the Green Building Ordinance.	During Construction	N/A	Bureau of Building
c. Compliance with Green Building Requirements After Construction Within sixty (60) days of the final inspection of the building permit for the project, the Green Building Certifier shall submit the appropriate documentation to Build It Green and attain the minimum required certification/point level. Within one year of the final inspection of the building permit for the project, the applicant shall submit to the Bureau of Planning the Certificate from the organization listed above demonstrating certification and compliance with the minimum point/certification level noted above.	After Project Completion as Specified	Bureau of Planning	Bureau of Building
SCA UTIL-5: Sanitary Sewer System. (#79) The project applicant shall prepare and submit a Sanitary Sewer Impact Analysis to the City for review and approval in accordance with the City of Oakland Sanitary Sewer Design Guidelines. The	Prior to Approval of Construction-Related Permit	Public Works Department, Department of Engineering and	N/A

	Implementation/Monitoring		
Standard Conditions of Approval	**When Required**	**Initial Approval**	**Monitoring/ Inspection**
Impact Analysis shall include an estimate of pre-project and post-project wastewater flow from the project site. In the event that the Impact Analysis indicates that the net increase in project wastewater flow exceeds City-projected increases in wastewater flow in the sanitary sewer system, the project applicant shall pay the Sanitary Sewer Impact Fee in accordance with the City's Master Fee Schedule for funding improvements to the sanitary sewer system.		Construction	
SCA UTIL-6: Storm Drain System. (#80) The project storm drainage system shall be designed in accordance with the City of Oakland's Storm Drainage Design Guidelines. To the maximum extent practicable, peak stormwater runoff from the project site shall be reduced by at least 25 percent compared to the pre-project condition.	Prior to Approval of Construction-Related Permit	Bureau of Building	Bureau of Building

Attachment B

Air Quality Community Risk Assessment

230-240 W. MacARTHUR RESIDENTIAL DEVELOPMENT

AIR QUALITY COMMUNITY RISK ASSESSMENT OAKLAND, CALIFORNIA

October 29th, 2017

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Project: 17-167

Summary 230-240 Mac Arthur Mixed Use Development Air Quality and GHG Emissions Assessment

This report addresses air quality community risk impacts associated with a proposed 57-unit, six-story mixed use residential development located at 230 and 240 Mac Arthur Boulevard in Oakland, CA. The project site is currently a Shell Gasoline service station and an auto repair service. The project proposes to demolish the existing structures and construct the project. Thresholds of significance for air quality impacts proposed by Bay Area Air Quality Management District (BAAQMD) and used by the City of Oakland are identified in this study and the project's impacts, in terms of these thresholds were evaluated. This report focuses on community risk impacts from toxic air contaminant (TAC) sources that could affect the project. To address this impact, the City of Oakland's Uniformly Applied Development Standards, adopted as Standard Conditions of Approval (SCAs), are applied to the project. In accordance with SCA 20, sources of TACs and fine particulate matter pollution (PM2.5) near the project site were identified and a health risk assessment was conducted. These sources were not found to adversely affect the project and further measures to protect sensitive receptors are not necessary. The project does not propose stationary sources of air pollution (i.e., equipment that has emissions and requires a permit from BAAQMD).

Introduction

The purpose of this report is to address air quality impacts associated with the proposed mixed-use development located at 230 and 240 Mac Arthur Boulevard in Oakland, CA. The project site, which is two properties, is currently developed with the following:

- 230 West MacArthur Boulevard is currently in use as a Shell service station. The existing structure, consisting of a canopy above the gas pumps and cashier's booth, is approximately 1,900 square feet in size.
- 240 West MacArthur Boulevard is currently occupied by a commercial repair garage. The existing structure is approximately 5,200 square feet in size.

The Project proposes a 57-unit mixed use residential development. The project would be 5 stories over a one-story concrete podium with a subterranean level. The podium and underground levels would provide 83 parking stalls.

The potential health risk impacts from existing toxic air contaminant (TAC) sources affecting the proposed project residences were evaluated. This analysis addresses those issues following the guidance provided by the Bay Area Air Quality Management District (BAAQMD) and addresses the City of Oakland Standard Conditions of Approval for air quality and GHG.

Setting

The project site is located in Alameda County which is a part of San Francisco Bay Area Air Basin, Air quality in the region is affected by natural factors such as proximity to the Bay and ocean, topography, and meteorology, as well as proximity to sources of air pollution. Ambient air quality standards have been established at both the State and federal level. The Bay Area meets all ambient air quality standards with the exception of ground-level ozone, respirable particulate matter (PM10), and fine particulate matter ($PM_{2.5}$).

Air Pollutants and TACs

Particulate Matter

Particulate matter (PM) is a complex mixture of tiny particles that consists of dry solid fragments, solid cores with liquid coatings, and small droplets of liquid. These particles vary greatly in shape, size, and chemical composition, and can be made up of many different materials such as metals, soot, soil, and dust. Particles 10 microns or less in diameter are defined as "respirable particulate matter" or "PM10." Fine particles are 2.5 microns or less in diameter (PM2.5) and, while also respirable, can contribute significantly to regional haze and reduction of visibility. Inhalable particulates come from smoke, dust, aerosols, and metallic oxides. Although particulates are found naturally in the air, most particulate matter found in the vicinity of the project site is emitted either directly or indirectly by motor vehicles, industry, construction, agricultural activities, and wind erosion of disturbed areas. Most PM2.5 is comprised of combustion products such as smoke. Extended exposure to PM can increase the risk of chronic respiratory disease (BAAQMD 2011a)[1, 2]. PM exposure is also associated with increased risk of premature deaths, especially in the elderly and people with pre-existing cardiopulmonary disease.

Toxic Air Contaminants

Toxic Air Contaminants (TACs) are a broad class of compounds known to cause morbidity or mortality (usually because they cause cancer or serious illness) and include, but are not limited to criteria air pollutants. TACs are found in ambient air, especially in urban areas, and are caused by industry, agriculture, fuel combustion, and commercial operations (e.g., dry cleaners). TACs are typically found in low concentrations, even near their source (e.g., diesel particulate matter near a freeway). Because chronic exposure can result in adverse health effects, TACs are regulated at the regional, state, and federal level. The identification, regulation, and monitoring of TACs is relatively new compared to that for criteria air pollutants that have established ambient air quality standards. TACs are regulated or evaluated on the basis of risk to human health rather than comparison to an ambient air quality standard or emission-based threshold.

Diesel exhaust is the predominant cancer-causing TAC in California. CARB estimates that about 70% of total known cancer risk related to air toxics in California is attributable to DPM[3]. According to CARB, diesel exhaust is a complex mixture of gases, vapors, and fine particles. This complexity makes the evaluation of health effects of diesel exhaust a complex scientific issue. Some of the chemicals in diesel exhaust, such as benzene and formaldehyde, have been previously identified as TACs by the CARB, and are listed as carcinogens either under the state's Proposition 65 or under the Federal Hazardous Air Pollutants programs.

To address the issue of diesel emissions in the state, CARB developed the Risk Reduction Plan to Reduce

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[1] BAAQMD 2016. Planning Healthy Places. May Accessed at http://www.baaqmd.gov/~/media/files/planning-and-research/planning-healthy-places/php_may20_2016-pdf.pdf?la=en on August 24, 2016
[2] BAAQMD 2011. CEQA Air Quality Guidelines. May.
[3] CAEB. *Summary: Diesel Particulate Matter Health Impacts*. https://www.arb.ca.gov/research/diesel/diesel-health_summ.htm

Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles[4]. In addition to requiring more stringent emission standards for new on-road and off-road mobile sources and stationary diesel-fueled engines to reduce particulate matter emissions by 90 percent, a significant component of the plan involves application of emission control strategies to existing diesel vehicles and equipment. Many of the measures of the Diesel Risk Reduction Plan have been approved and adopted, including the Federal on-road and non-road diesel engine emission standards for new engines, as well as adoption of regulations for low sulfur fuel in California.

CARB has adopted and implemented a number of regulations for stationary and mobile sources to reduce emissions of DPM. Several of these regulatory programs affect medium and heavy-duty diesel trucks that represent the bulk of DPM emissions from California highways. CARB regulations require on-road diesel trucks to be retrofitted with particulate matter controls or replaced to meet 2010 or later engine standards that have much lower DPM and $PM_{2.5}$ emissions. This regulation will substantially reduce these emissions between 2013 and 2023. While new trucks and buses will meet strict federal standards, this measure is intended to accelerate the rate at which the fleet either turns over so there are more cleaner vehicles on the road, or i s retrofitted to meet similar standards. With this regulation, older, more polluting trucks would be removed from the roads sooner.

CARB has also adopted and implemented regulations to reduce DPM and NOx emissions from in-use (existing) and new off-road heavy-duty diesel vehicles (e.g., loaders, tractors, bulldozers, backhoes, off-highway trucks, etc.). The regulations apply to diesel-powered off-road vehicles with engines 25 horsepower (hp) or greater. The regulations are intended to reduce particulate matter and nitrogen oxides (NOx) exhaust emissions by requiring owners to turn over their fleet (replace older equipment with newer equipment) or retrofit existing equipment in order to achieve specified fleet-averaged emission rates. Implementation of this regulation, in conjunction with stringent Federal off-road equipment engine emission limits for new vehicles, will significantly reduce emissions of DPM and NOx.

Sensitive Receptors

"Sensitive receptors" are defined as facilities where sensitive population groups, such as children, the elderly, the acutely ill, and the chronically ill, are likely to be located. These land uses include residences, schools, playgrounds, childcare centers, retirement homes, convalescent homes, hospitals, and medical clinics. The project would include sensitive receptors in the form of new residences. For the purposes of a thorough health risk assessment, residents of the project site assume all sensitive receptor types: 3rd-trimeter fetus, infant, child, and adult.

[4] California Air Resources Board. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*. October 2000.

Significance Thresholds

In June 2010, BAAQMD adopted thresholds of significance to assist in the review of projects under CEQA. These Thresholds were designed to establish the level at which BAAQMD believed air pollution emissions would cause significant environmental impacts under CEQA and were posted on BAAQMD's website and included in the Air District's updated CEQA Guidelines (updated May 2011). The significance thresholds identified by BAAQMD and used in this analysis are summarized in Table 1.

The BAAQMD's adoption of significance thresholds contained in the 2011 CEQA Air Quality Guidelines was called into question by an order issued March 5, 2012, in California Building Industry Association (CBIA) v. BAAQMD (Alameda Superior Court Case No. RGI0548693). The order requires the BAAQMD to set aside its approval of the thresholds until it has conducted environmental review under CEQA. The ruling made in the case concerned the environmental impacts of adopting the thresholds and how the thresholds would indirectly affect land use development patterns. In August 2013, the Appellate Court struck down the lower court's order to set aside the thresholds (Cal. Court of Appeal, First Appellate District, Case Nos. A135335 & A136212). CBIA sought review by the California Supreme Court on three issues, including the appellate court's decision to uphold the BAAQMD's adoption of the thresholds, and the Court granted review on just one: Under what circumstances, if any, does CEQA require an analysis of how existing environmental conditions will impact future residents or users of a proposed project? In December 2015, the Supreme Court determined that an analysis of the impacts of the environment on a project – known as "CEQA-in-reverse" – is only required under two limited circumstances: (1) when a statute provides an express legislative directive to consider such impacts; and (2) when a proposed project risks exacerbating environmental hazards or conditions that already exist (Cal. Supreme Court Case No. S213478). The Supreme Court reversed the Court of Appeal's decision and remanded the matter back to the appellate court to reconsider the case in light of the Supreme Court's ruling. Because the Supreme Court's holding concerns the effects of the environment on a project (as contrasted to the effects of a proposed project on the environment), and not the science behind the thresholds, the significance thresholds contained in the 2011 CEQA Air Quality Guidelines are applied to this project. BAAQMD made minor updates to the 2011 CEQA Air Quality Guidelines in May 2017 in response to these final court rulings.

The City's thresholds of significance pertaining to greenhouse gas/global climate change are generally based on the thresholds adopted by BAAQMD in June 2010. Pursuant to CEQA, lead agencies must apply appropriate thresholds based on substantial evidence in the record. The City's thresholds rely upon the technical and scientific basis for BAAQMD's 2010 thresholds. Use of the City's thresholds is consistent with and authorized by CEQA Guidelines section 15064. The City's thresholds have not been challenged and remain in effect.

Table 1. Air Quality Significance Thresholds

Criteria Air Pollutant	Construction Thresholds	Operational Thresholds	
	Average Daily Emissions (lbs./day)	**Average Daily Emissions (lbs./day)**	**Annual Average Emissions (tons/year)**
ROG	54	54	10
NO_x	54	54	10
PM_{10}	82 (Exhaust)	82	15
$PM_{2.5}$	54 (Exhaust)	54	10
CO	Not Applicable	9.0 ppm (8-hour average) or 20.0 ppm (1-hour average)	
Fugitive Dust	Construction Dust Ordinance or other Best Management Practices	Not Applicable	
Health Risks and Hazards	**Single Sources Within 1,000-foot Zone of Influence**	**Combined Sources (Cumulative from all sources within 1,000 foot zone of influence)**	
Excess Cancer Risk	>10 per one million	>100 per one million	
Hazard Index	>1.0	>10.0	
Incremental annual $PM_{2.5}$	>0.3 $\mu g/m^3$	>0.8 $\mu g/m^3$	

Note: ROG = reactive organic gases, NOx = nitrogen oxides, PM_{10} = course particulate matter or particulates with an aerodynamic diameter of 10 micrometers (µm) or less, $PM_{2.5}$ = fine particulate matter or particulates with an aerodynamic diameter of 2.5µm or less.

City of Oakland- Standard Conditions of Approval for Air Quality

The City of Oakland's Uniformly Applied Development Standards, adopted as Standard Conditions of Approval (SCAs), were originally adopted by the City in 2008 (Ordinance No. 12899 C.M.S. pursuant to Public Resources Code section 21083.3) and have been incrementally updated over time. The SCAs incorporate development policies and standards from various adopted plans, policies, and ordinances, which have been found to substantially mitigate environmental effects. SCAs that apply to this project are contained in *Attachment 1* and summarized as follows:

<u>SCA 19: Construction-Related Air Pollution (Dust and Equipment Emissions)</u>

The Project applicant shall implement all of the following applicable air pollution control measures during construction of the Project:

Basic Control Measures

a. Water all exposed surfaces of active construction areas at least twice daily. Watering should be sufficient to prevent airborne dust from leaving the site. Increased watering frequency may be necessary whenever wind speeds exceed 15 miles per hour. Reclaimed water should be used whenever feasible.

b. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer).

c. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.

d. Pave all roadways, driveways, sidewalks, etc. within one month of site grading or as soon as feasible. In addition, building pads should be laid within one month of grading or as soon as feasible unless seeding or soil binders are used.

e. Enclose, cover, water twice daily, or apply (non-toxic) soil stabilizers to exposed stockpiles (dirt, sand, etc.).

f. Limit vehicle speeds on unpaved roads to 15 miles per hour.

g. Idling times on all diesel-fueled commercial vehicles over 10,000 lbs. shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485, of the California Code of Regulations). Clear signage to this effect shall be provided for construction workers at all access points.

h. Idling times on all diesel-fueled off-road vehicles over 25 horsepower shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes and fleet operators must develop a written policy as required by Title 23, Section 2449, of the California Code of Regulations ("California Air Resources Board Off-Road Diesel Regulations").

i. All construction equipment shall be maintained and properly tuned in accordance with the manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.

j. Portable equipment shall be powered by electricity if available. If electricity is not available, propane or natural gas shall be used if feasible. Diesel engines shall only be used if electricity is not available and it is not feasible to use propane or natural gas.

Enhanced Control Measures

Since the project involves demolition, implementation of Enhanced Controls would also be necessary. These controls include:

k. All exposed surfaces shall be watered at a frequency adequate to maintain minimum soil moisture of 12 percent. Moisture content can be verified by lab samples or moisture probe.

l. All excavation, grading, and demolition activities shall be suspended when average wind speeds exceed 20 mph.

m. Install sandbags or other erosion control measures to prevent silt runoff to public roadways.

n. Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for one month or more).

o. Designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holidays and weekend periods when work may not be in progress.

p. Install appropriate wind breaks (e.g., trees, fences) on the windward side(s) of actively disturbed areas of the construction site to minimize wind blown dust. Wind breaks must have a maximum 50 percent air porosity.

q. Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established.

r. Activities such as excavation, grading, and other ground-disturbing construction activities shall be phased to minimize the amount of disturbed surface area at any one time.

s. All trucks and equipment, including tires, shall be washed off prior to leaving the site.

t. Site accesses to a distance of 100 feet from the paved road shall be treated with a 6 to 12 inch compacted layer of wood chips, mulch, or gravel.

u. All equipment to be used on the construction site and subject to the requirements of Title 13, Section 2449, of the California Code of Regulations ("California Air Resources Board Off-Road Diesel Regulations") must meet emissions and performance requirements one year in advance of any fleet deadlines. Upon request by the City, the project applicant shall provide written documentation that fleet requirements have been met.

v. Use low VOC (i.e., ROG) coatings beyond the local requirements (i.e., BAAQMD Regulation 8, Rule 3: Architectural Coatings).

w. All construction equipment, diesel trucks, and generators shall be equipped with Best Available Control Technology for emission reductions of NOx and PM.

x. Off-road heavy diesel engines shall meet the California Air Resources Board's most recent certification standard.

y. Post a publicly-visible large on-site sign that includes the contact name and phone number for the project complaint manager responsible for responding to dust complaints and the telephone numbers of the City's Code Enforcement unit and the Bay Area Air Quality Management District. When contacted, the project complaint manager shall respond and take corrective action within 48 hours.

SCA 20: Exposure to Air Pollution (Toxic Air Contaminants)

The project applicant shall incorporate appropriate measures into the project design in order to reduce the potential health risk due to exposure to toxic air contaminants. The project applicant chooses to either conduct a Health Risk Assessment (HRA) in accordance with California Air Resources Board (CARB) and Office of Environmental Health and Hazard Assessment requirements to determine the health risk of exposure of project residents/occupants/users to air pollutants or incorporate health risk reduction measures into the project that are reviewed and approved by the City. Since there are sources of TACs near the project, a screening health risk assessment was conducted.

Air Quality Impact Analysis

Impact: Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable State or federal ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)? ***Less than significant***

The Bay Area is considered a non-attainment area for ground-level ozone and $PM_{2.5}$ under both the Federal Clean Air Act and the California Clean Air Act. The area is also considered non-attainment for PM_{10} under the California Clean Air Act, but not the federal act. The area has attained both State and federal ambient air quality standards for carbon monoxide. As part of an effort to attain and maintain ambient air quality standards for ozone and PM_{10}, the BAAQMD has established thresholds of significance for these air pollutants and their precursors. These thresholds are for ozone precursor pollutants (ROG and NOx), PM_{10}, and $PM_{2.5}$ and apply to both construction period and operational period impacts.

Construction Activity

Construction activities, particularly during site preparation and grading, would temporarily generate fugitive dust in the form of PM_{10} and $PM_{2.5}$. Sources of fugitive dust would include disturbed soils at the construction site and trucks carrying uncovered loads of soils. Unless properly controlled, vehicles leaving the site would deposit mud on local streets, which could be an additional source of airborne dust after it dries. The BAAQMD CEQA Air Quality Guidelines and City consider these impacts to be less than significant if best management practices are implemented to reduce these emissions. The City's *Standard Conditional of Approval (SCA) 19* would apply to construction activities. Since the project involves demolition, implementation of Enhanced Controls as part of SCA 19 would be necessary. Project construction-related emissions would be less than significant with implementation of SCA 19.

Operational Period Emissions

The project would generate ongoing emissions from new residents and users of the neighborhood retail use. The primary source of emissions would be from mobile emissions. The project would replace and existing source of emissions that includes a gasoline service station and a auto repair shop. Gasoline stations have emissions associated with traffic as well as evaporative reactive organic or ROG emissions from storage and transfer of gasoline[5]. The project would have similar or lower emissions than the existing uses at the site. In addition, the project alone would have emissions well below the threshold, as the project screening size is below the screening size identified for low-rise apartments in the most recent BAAQMD CEQA Air Quality Guidelines. Those guidelines identify the screening size for operational impacts at 451 dwelling units and 99,000 square feet for retail uses. The project would have less-than-significant impacts with respect to air pollutant emissions.

[5] ROG is a ozone precursor pollutant for which BAAQMD regulates and has recommended significance thresholds.

Impact: Violate any air quality standard or contribute substantially to an existing or projected air quality violation? ***Less-than-significant with implementation of SCA-19.***

As discussed above, the project would have emissions less than the significance thresholds adopted by BAAQMD for evaluating impacts related to ozone and particulate matter. Therefore, the project would not contribute substantially to existing or projected violations of those standards. Carbon monoxide emissions from traffic generated by the project would be the pollutant of greatest concern at the local level. Congested intersections with a large volume of traffic have the greatest potential to cause high-localized concentrations of carbon monoxide. Air pollutant monitoring data indicate that carbon monoxide levels have been at healthy levels (i.e., below State and federal standards) in the Bay Area since the early 1990s. As a result, the region has been designated as attainment for the carbon monoxide standard. The highest measured level over any 8-hour averaging period in the Bay Area during the last 3 years is less than 3.0 ppm, compared to the ambient air quality standard of 9.0 ppm. The project would generate a relatively small amount of new traffic. Based on the Traffic Impact Study, the project would add approximately 1,693 daily trips and would not affect high-volume intersections that have the potential to result in exceedances of an ambient air quality standard for carbon monoxide6. BAAQMD screening guidance indicates that the project would have a less than significant impact with respect to carbon monoxide levels if project traffic projections indicate traffic levels would not increase at any affected intersection to more than 44,000 vehicles per hour.[7] Because cumulative traffic volumes at all intersections affected by the project would have less than 44,000 vehicles per hour, the project will have a *less-than significant* effect with respect to carbon monoxide.

Impact: Expose sensitive receptors to substantial pollutant concentrations? ***Less than significant with implementation of SCA-19 and 21.***

Exposure of sensitive receptors to substantial pollutant concentrations are addressed by the City under SCA 19, 20 and 21. Note that since the project would not include operational TAC sources, SCA 21 would not apply. Project impacts related to increased community risk can occur either by introducing a new sensitive receptor, such as a residential use, in proximity to an existing source of TACs or by introducing a new source of TACs with the potential to adversely affect existing sensitive receptors in the project vicinity. The BAAQMD recommends using a 1,000-foot screening radius around a project site for purposes of identifying community health risk from siting a new sensitive receptor or a new source of TACs. The project would not be a source of TAC emissions. Construction activity would generate dust and equipment exhaust on a temporary basis that could affect nearby sensitive receptors.

The City uses the BAAQMD CEQA Air Quality Guidelines to consider exposure of sensitive receptors to air pollutant levels that result in an unacceptable cancer risk or hazard, to be significant. For cancer risk, which is a concern with diesel particulate matter (DPM) and other mobile-source TACs, the BAAQMD considers an increased risk of contracting cancer that is 10.0 in one million chances or greater, to be significant risk for a single source. The BAAQMD CEQA Guidelines also consider single-source TAC

[6] Fehr & Peers 1940 Webster Trip Generation Table (see Attachment 1).

[7] For a land-use project type, the BAAQMD CEQA Air Quality Guidelines state that a proposed project would result in a less than significant impact to localized carbon monoxide concentrations if the project would not increase traffic at affected intersections to more than 44,000 vehicles per hour.

exposure to be significant if annual PM2.5 concentrations exceed 0.3 micrograms per cubic meter ($\mu g/m^3$) or if the computed hazard index (HI) is greater than 1.0 for non-cancer risk hazards. Cumulative exposure is assessed by combining the risks and annual $PM_{2.5}$ concentrations for all sources within 1,000 feet of a project. The thresholds for cumulative exposure are an excess cancer risk of 100 in one million, annual $PM_{2.5}$ concentrations of 0.8 $\mu g/m^3$, and a hazard index greater than 10.0. These thresholds were used to address impacts from TAC sources that could affect future project residents. The methodology for computing cancer risk, annual $PM_{2.5}$ concentrations, and non-cancer hazards is contained in *Attachment 2*. Note that this methodology describes new guidance to computed cancer risk that was recently finalized by the State Office of Environmental Heal Hazards Assessment (OEHHA) and provides greater protections for infants and children.

Sources Affecting Project Residences (SCA 20)

SCA 20 requires projects that include sensitive receptors near sources of TACs to include measures to reduce health risks if applicable. A screening health risk assessment was conducted to identify the need for any reduction measures. A review of the area near the project site has identified several sources including roadways and stationary sources that are within 1,000 feet of the site and could present individual or combined risks (see Figure 1). Therefore, a screening health risk assessment was conducted. Contributing sources within the influence area include:

1. Local Roadways: These include, Mac Arthur Boulevard and Piedmont Avenue that are adjacent to the site along with Broadway and Interstate 580.

2. Stationary Sources: A total of three (3) identified stationary sources listed and permitted by the Bay Area Air Quality Management District (BAAQMD).

These sources are shown in Figure 1 and their individual and cumulative effect on the project site is described in Table 2. The methods to address these impacts is described below.

Screening Calculations of Local Roadways

For local roadways, BAAQMD has provided the *Roadway Screening Analysis Calculator* to assess whether roadways may have a potentially significant effect on a proposed project. Two adjustments were made to the cancer risk predictions made by this calculator: (1) adjustment for latest vehicle emissions rates predicted using EMFAC2014 and (2) adjustment of cancer risk reflecting new OEHHA guidance (see *Attachment 3*).

The calculator uses the older EMFAC2011 emission rates for the year 2014. Overall, emission rates have decreased and will decrease further by the time the project is occupied. For this analysis, the project is not considered occupied prior to 2018. In addition, a new version of the State's emissions factor model, EMFAC2014, is available. This version predicts lower emission rates. An adjustment factor of 0.5 was developed by comparing emission rates of total organic gases (TOG) and DPM for running exhaust and running losses developed using EMFAC2011 for year 2014 and those from EMFAC2014 for year 2018.

Table 2 Summary of TAC Impacts from Sources within 1,000 feet of Project

Source*	Distance (feet)	Cancer Risk** (per million)	Annual $PM_{2.5}$ ($\mu g/m^3$)	Acute or Chronic Hazard Index	Analysis Method
Interstate 580	800	4.51	0.03	0.01	Google Earth Highway Screening Tool, Link
Mac Arthur Blvd.	35 ft	4.02	0.26	<0.01	Refined modeling with EMFAC2014 and Cal3qhcr
Piedmont Ave	35 ft	1.80	0.09	<0.01	
Broadway	460 ft	3.37	0.10	0.00	Refined screening using updated traffic data
Plant 1529 - Kaiser Permanente Medical Center 280 W. Mac Arthur Blvd	580 ft	3.90	0.15	<0.16	BAAQMD SSIF and beta Calculator
Plant G539 - Broadway Express Gas at 3810 Broadway	700 ft	0.50	0.00	0.00	
Plant 19199 – Soma Environmental Engineering 3820 Manila Ave	980 ft	0.01	0.00	0.00	
Single Source Threshold		*10.0*	*0.3*	*1.0*	
Combined Sources		17.31	0.63	<0.19	
Combined Source Threshold		*100*	*0.8*	*10.0*	
Exceeds any threshold?		*No*	*No*	*No*	

* Plant G7596 would be removed by the project. Plants 10881 and 12420 do not pose any health risk impacts.
**Cancer risk predictions include the application of 2015 OEHHA guidance and assume infant exposure by multiplying the BAAQMD reported risk by 1.3744.

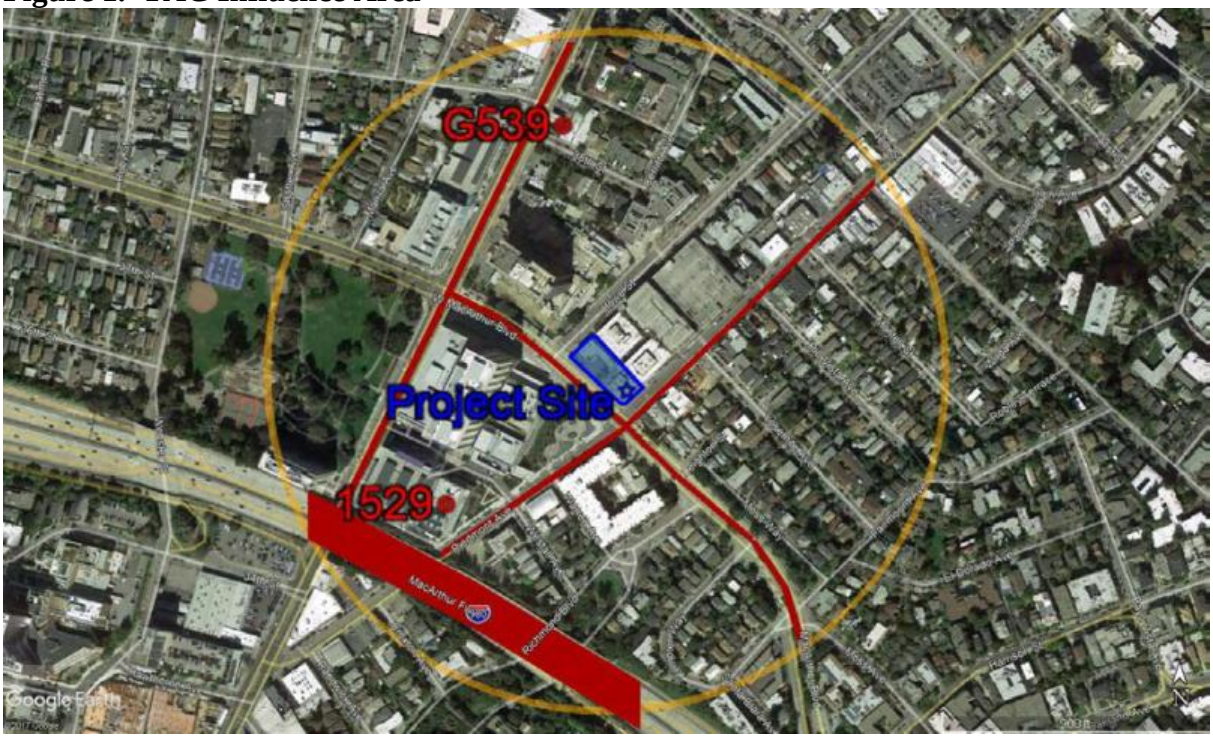
The predicted cancer risk was then adjusted upward using a factor of 1.3744 to account for new OEHHA guidance (see *Attachment 2*). This factor was provided by BAAQMD for use with their CEQA screening tools that are used to predict cancer risk.[8]

Refined Modeling of Local Roadways

The screening roadway calculator requires inputs of the County, roadway direction, side of the roadway the receptor is located, the average daily traffic (ADT) volume, and the distance between the roadway and receptors. The roadway calculator was used for Alameda County with North-South and East-West roads. Data sources for traffic volumes included the MacArthur Transit Village DEIR (2008) traffic section, cumulative plus project scenario. Since only peak-hour traffic data were available, the average daily traffic (ADT) volume was computed by multiplying the peak-hour volume by ten. The distance between the roadway edge and the project were approximated using Google Earth. Traffic volumes and an example output from the Roadway Risk Calculator are provided in *Attachment 3*.

[8] Correspondence with Alison Kirk, BAAQMD, January 23, 2017.

Figure 1. TAC Influence Area



*Note that stationary source locations are based on BAAQMD data and not accurately depicted. The locations used in this analysis were determined based on the address of the source and review of aerial maps.

The screening calculations for Mac Arthur Boulevard and Piedmont Avenue exceeded the significance thresholds for single sources; therefore, refined modeling of these roadways was conducted. This analysis involved the development of DPM, organic TAC, and $PM_{2.5}$ emissions for traffic on each of the roadways using traffic data and the CARB EMFAC2014 emission factor model. Emissions were input to the U.S. Environmental Protection Agency's (EPA) AERMOD dispersion model to predict annual concentrations of TACs from roadway traffic. Inputs to the model also included roadway geometry coordinates, on-site residential receptor coordinates and meteorological data. DPM and TAC concentrations are combined with risk factors to predict lifetime cancer risks and non-cancer health impacts at the project site. $PM_{2.5}$ concentrations are also used to evaluate non-cancer health impacts. Figure 2 shows the residential receptors where impacts were evaluated, and the roadway line-sources used for modeling traffic emissions.

Traffic Conditions

In the project area W. MacArthur Boulevard and Piedmont Avenue have average daily traffic (ADT) volumes of 34,000 and 20,000, respectively[9]. The predominate source of DPM emissions is from diesel fueled trucks. For this evaluation, a truck mix of 4.09 percent was assumed for roadway traffic based on BAAQMD recommendations for truck percentages on non-highway roads in Alameda County.[10] One-third of the trucks were assumed to be heavy duty trucks and two-thirds were assumed to be medium duty trucks.

[9] City of Oakland. 2008. Mac Arthur Transit Village Draft EIR available at http://www2.oaklandnet.com/Government/o/PBN/OurServices/Application/DOWD009157, accessed 10/17/2017

[10] BAAQMD. 2012. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. may

Figure 2. Project Site, On-Site Sensitive Receptors, Roadway Segments Modeled, and Receptor with Maximum TAC Impacts

Average hourly traffic distributions for Alameda County roadways were developed using the EMFAC model,[11] which were then applied to the project area traffic volumes to obtain estimated hourly traffic volumes. The speed limits through the area are 35 miles per hour (mph) on W. MacArthur Boulevard and 25 mph on Piedmont Avenue, but congestion likely occurs for at least 4 hours of the day (2 hours in the morning and 2 hours in the evening) where traffic speeds on both roads were assumed to be 20 miles per hour.

11 The Burden output from EMFAC2007, CARB's previous version of the EMFAC model, was used for this since the current web-based version of EMFAC2011 does not include Burden type output with hour by hour traffic volume information.

Traffic Emissions Modeling

DPM, organic TACs, and $PM_{2.5}$ emissions for traffic on W. MacArthur Boulevard and Piedmont Avenue were computed using the CARB EMFAC2014 emission factor model and the local traffic volumes and mix, as described above. EMFAC2014 is the most recent version of the CARB motor vehicle emission factor model. In order to estimate TAC and $PM_{2.5}$ emissions for calculating increased cancer risks to new residents from local traffic over a 30-year exposure period (2020 – 2050), year 2020 emissions were conservatively assumed as being representative of future conditions.

Two tailpipe pollutant emissions were modeled in order to evaluate cancer risks: DPM, assumed to be exhaust $PM_{2.5}$ from diesel vehicles, and total organic gases (TOG) that include organic TACs from gasoline fueled vehicles. In addition to TOG exhaust emissions there are TOG emissions from running evaporative loses from gasoline vehicles. Emissions of exhaust DPM for diesel-fueled vehicles and TOG exhaust and running evaporative loss emissions from gasoline-powered vehicles were calculated using the EMFAC2014 model and model default values for Alameda County along with the traffic volumes and vehicle mixes.

$PM_{2.5}$ emissions for vehicles traveling on W. MacArthur Boulevard and Piedmont Avenue were calculated using the same basic methods that were used for assessing TAC emissions. $PM_{2.5}$ emissions from all vehicles were used, rather than just the exhaust $PM_{2.5}$ from diesel powered vehicles, because all vehicle types (i.e., gasoline and diesel powered) produce $PM_{2.5}$. In addition to exhaust emissions, $PM_{2.5}$ from vehicle tire and brake wear and from re-entrained roadway dust were included in these emissions. These emissions were calculated using the EMFAC2014 model and local mixes and traffic volumes and were calculated in the same manner as discussed above. $PM_{2.5}$ re-entrained dust emissions from vehicles traffic were calculated using CARB emission calculation procedures.[12]

Dispersion Modeling

Dispersion modeling of TAC and $PM_{2.5}$ emissions was conducted using the EPA AERMOD model, which is a BAAQMD recommended model for this type of analysis.[13] Traffic on W. MacArthur Boulevard and Piedmont Avenue within about 1,000 feet of the project site was evaluated with the model. A five-year set of hourly meteorological data (2009-2013) from the Oakland International Airport, prepared for use with the AERMOD model by CARB, was used in the modeling. Other inputs to the model included road geometry, emission rates, and on-site project receptor locations and heights. Emissions from vehicles traveling on W. MacArthur Boulevard and Piedmont Avenue were modeled as line sources comprised of a series adjacent volume sources along each road segment modeled.

The modeling included a grid of on-site receptors spaced every 6 meters within the area of the proposed new residential units. The AERMOD model provides annual TAC and $PM_{2.5}$ concentrations at each receptor. Receptor heights of 6.7 meters (22 feet) and 10.1 meters (33 feet) were used to represent the breathing heights of residents on the second and third floor residential areas. The second floor is the first level of the project building with residential units. The maximum TAC concentrations from the roadways occurred on the second-floor level at the project site. Figure 2 shows the project site area, roadway

12 CARB, 2014. *Miscellaneous Process Methodology 7.9, Entrained Road Travel, Paved Road Dust*. Revised and updated, April 2014.
13 BAAQMD, 2012. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. May 2012.

segments modeled and residential receptor locations used in the modeling.

BAAQMD-Permitted Stationary Sources

BAAQMD's *Stationary Source Screening Analysis Tool* was used to identify stationary sources that may affect future residential development at the site. This is a Google Earth map tool used to identify BAAQMD permitted stationary sources. A few of these sources were wrongly placed by the tool. The address reported by the tool's linked database was used to identify the actual location of the sources. Figure 1 shows the locations of all the stationary sources within 1000 feet of the project site. The linked database also includes the associated estimated cancer risk and hazard impacts predicted by BAAQMD. A *beta calculator* is provided by BAAQMD to adjust the risks based on the source emissions and distance between the source and the receptor. A total of fourteen sources were identified.

One of these sources, Plant # G7596 is the Shell gasoline dispensing station located at the project site that would be closed. There were 3 sources that were evaluated using the screening data published on BAAQMD's Stationary Source Tool. One source, Plant #1529 – Kaiser Permanente Medical Center had screening risk that exceeded the significance thresholds. Source-specific emission information was obtained from BAAQMD. The emissions data was entered into the BAAQMD's *beta calculator*, which is considered a second-tier screening evaluation. The risks computed by the beta calculator were found to be less than the single-source thresholds.

1. Plant 1529, operated by Kaiser Permanente Medical Center and located at 280 Mac Arthur Boulevard. The sources at this plant are actually located at the central plant portion of the medical center campus, which is about 580 feet southwest of the project site along Piedmont Avenue. According to the emissions data provided by BAAQMD, this facility operates many emergency standby diesel generator sets, numerous space boilers powered by natural gas, and thermal fluid heaters. The BAAQMD Beta Calculation was used to compute cancer risks from each source group and $PM_{2.5}$ concentration. Cancer risk and annual PM2.5 concentrations were adjusted for the approximate distance of 580 feet.
2. Plant G539 is Broadway Express Gas, a gasoline dispensing facility, located at 3810 Broadway. This facility is about 700 feet from the nearest portion of the project site. Cancer risk associated with this facility were identified using the BAAQMD *Stationary Source Screening Analysis Tool* and adjusted using the BAAQMD's *Distance Adjustment Multiplier Tool for Gasoline Dispensing Faculties*.
3. Plant 19199, operated by Soma Environmental Eng. Inc. is located at 3820 Manila Avenue, about 980 feet away. The cancer risk, HI and PM2.5 concentration were all close to zero.

Combined Cancer Risk, Hazard Index and Annual $PM_{2.5}$ Concentrations

The combination of impacts from all sources at the receptor most impacted or considered the Maximally Exposed Individual (MEI) is reported in Table 2. This would be a receptor at the southwestern corner of the project site. The combined cancer risk is below the threshold of 100 chances per million, the annual $PM_{2.5}$ concentration does not exceed 0.8 $\mu g/m^3$ and the Hazard Index is well below 10.0.

Impacts to Off Site Receptors

Construction activities, particularly during site preparation and grading would temporarily generate fugitive dust in the form of respirable particulate matter (PM_{10}) and $PM_{2.5}$. Sources of fugitive dust would include disturbed soils at the construction site and trucks carrying uncovered loads of soils. Unless properly controlled, vehicles leaving the site would deposit mud on local streets, which could be an additional source of airborne dust after it dries. The BAAQMD CEQA Air Quality Guidelines consider these impacts to be less than significant if best management practices are employed to reduce these emissions. City-required SCA#19 would serve as best management practices for this project. Since the project includes demolition, Enhanced Measures are required under SCA#19. Specifically, SCA#19 Part w, requires construction equipment to be equipped with Best Available Control Technology for emissions reductions of NOx and particulate matter. This is interpreted as requiring equipment that meets U.S. EPA Tier 4 standards. As a result, implementation of SCA-19, would reduce on-site diesel exhaust emissions by over 80 percent. As a result, construction period health risks and annual PM2.5 impacts would be minimized and result in *less-than-significant impacts*.

Supporting Documents

Attachment 1: City of Oakland-Standard Conditions of Approval
Attachment 2: Health Risk Evaluation Methodology
Attachment 3: Roadway Health Risk Calculations
Attachment 4: SSIF, Stationary Source Screening Calculations and Modeling

Attachment 1: Applicable City of Oakland SCAs

AIR QUALITY

[The following condition applies to all projects involving construction activities.]

19 Construction-Related Air Pollution Controls (Dust and Equipment Emissions)

Requirement: The project applicant shall implement all of the following applicable air pollution control measures during construction of the project:

[BASIC CONTROLS (apply to ALL construction sites)]

z. Water all exposed surfaces of active construction areas at least twice daily. Watering should be sufficient to prevent airborne dust from leaving the site. Increased watering frequency may be necessary whenever wind speeds exceed 15 miles per hour. Reclaimed water should be used whenever feasible.

aa. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer).

bb. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.

cc. Pave all roadways, driveways, sidewalks, etc. within one month of site grading or as soon as feasible. In addition, building pads should be laid within one month of grading or as soon as feasible unless seeding or soil binders are used.

dd. Enclose, cover, water twice daily, or apply (non-toxic) soil stabilizers to exposed stockpiles (dirt, sand, etc.).

ee. Limit vehicle speeds on unpaved roads to 15 miles per hour.

ff. Idling times on all diesel-fueled commercial vehicles over 10,000 lbs. shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485, of the California Code of Regulations). Clear signage to this effect shall be provided for construction workers at all access points.

gg. Idling times on all diesel-fueled off-road vehicles over 25 horsepower shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes and fleet operators must develop a written policy as required by Title 23, Section 2449, of the California Code of Regulations ("California Air Resources Board Off-Road Diesel Regulations").

hh. All construction equipment shall be maintained and properly tuned in accordance with the manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.

ii. Portable equipment shall be powered by electricity if available. If electricity is not available, propane or natural gas shall be used if feasible. Diesel engines shall only be used if electricity is not available and it is not feasible to use propane or natural gas.

[ENHANCED CONTROLS: All "Basic" controls listed above plus the following controls if the project involves:

- **114 or more single-family dwelling units;**
- **240 or more multi-family units;**
- **Nonresidential uses that exceed the applicable screening size listed in the Bay Area Air Quality Management District's CEQA Guidelines;**
- **Demolition permit;**
- **Simultaneous occurrence of more than two construction phases (e.g., grading and building construction occurring simultaneously);**
- **Extensive site preparation (i.e., the construction site is four acres or more in size); or**
- **Extensive soil transport (i.e., 10,000 or more cubic yards of soil import/export).]**

All exposed surfaces shall be watered at a frequency adequate to maintain minimum soil moisture of 12 percent. Moisture content can be verified by lab samples or moisture probe.

All excavation, grading, and demolition activities shall be suspended when average wind speeds exceed 20 mph.

Install sandbags or other erosion control measures to prevent silt runoff to public roadways.

Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for one month or more).

Designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holidays and weekend periods when work may not be in progress.

Install appropriate wind breaks (e.g., trees, fences) on the windward side(s) of actively disturbed areas of the construction site to minimize wind blown dust. Wind breaks must have a maximum 50 percent air porosity.

Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established.

Activities such as excavation, grading, and other ground-disturbing construction activities shall be phased to minimize the amount of disturbed surface area at any one time.

All trucks and equipment, including tires, shall be washed off prior to leaving the site.

Site accesses to a distance of 100 feet from the paved road shall be treated with a 6 to 12 inch compacted layer of wood chips, mulch, or gravel.

All equipment to be used on the construction site and subject to the requirements of Title 13, Section 2449, of the California Code of Regulations ("California Air Resources Board Off-Road Diesel Regulations") must meet emissions and performance requirements one year in advance of any fleet deadlines. Upon request by the City, the project applicant shall provide written documentation that fleet requirements have been met.

Use low VOC (i.e., ROG) coatings beyond the local requirements (i.e., BAAQMD Regulation 8, Rule 3: Architectural Coatings).

All construction equipment, diesel trucks, and generators shall be equipped with Best Available Control Technology for emission reductions of NOx and PM.

Off-road heavy diesel engines shall meet the California Air Resources Board's most recent certification standard.

Post a publicly-visible large on-site sign that includes the contact name and phone number for the project complaint manager responsible for responding to dust complaints and the telephone numbers of the City's Code Enforcement unit and the Bay Area Air Quality Management District. When contacted, the project complaint manager shall respond and take corrective action within 48 hours.

When Required: During construction

Initial Approval: N/A

Monitoring/Inspection: Bureau of Building

[The following condition applies to all projects that meet all of the following criteria:

a. The project involves any of the following sensitive land uses:

i. Residential uses (new dwelling units); or

ii. New or expanded schools, daycare centers, parks, nursing homes, or medical facilities; and

The project is located within 1,000' (or other distance as specified below) of one or more of the following sources of air pollution:

i. Freeway;

ii. Roadway with significant traffic (at least 10,000 vehicles/day);

iii. Rail line (except BART) with over 30 trains per day;

iv. Distribution center that accomodates more than 100 trucks per day, more than 40 trucks with operating Transportation Refrigeration Units (TRU) per day, or where the TRU unit operations exceed 300 hours per week;

v. Major rail or truck yard (such as the Union Pacific rail yard adjacent to the Port of Oakland);

vi. Ferry terminal;

vii. Stationary pollutant source requiring a permit from BAAQMD (such as a diesel generator);

viii. Within 0.5 miles of the Port of Oakland or Oakland Airport;

ix. Within 300 feet of a gas station; or

x. Within 300 feet of a dry cleaner with a machine using PERC (or within 500 feet of a dry cleaner with two or more machines using PERC); and

The project exceeds the health risk screening criteria after a screening analysis is conducted in accordance with the Bay Area Air Quality Management (BAAQMD) CEQA Guidelines.]

20 Exposure to Air Pollution (Toxic Air Contaminants)

jj. ***Health Risk Reduction Measures***

Requirement: The project applicant shall incorporate appropriate measures into the project design in order to reduce the potential health risk due to exposure to toxic air contaminants. The project applicant shall choose one of the following methods:

i. The project applicant shall retain a qualified air quality consultant to prepare a Health Risk Assessment (HRA) in accordance with California Air Resources Board (CARB) and Office of Environmental Health and Hazard Assessment requirements to determine the health risk of exposure of project residents/occupants/users to air pollutants. The HRA shall be submitted to the City for review and approval. If the HRA concludes that the health risk is at or below acceptable levels, then health risk reduction measures are not required. If the HRA concludes that the health risk exceeds acceptable levels, health risk reduction measures shall be identified to reduce the health risk to acceptable levels. Identified risk reduction measures shall be submitted to the City for review and approval and be included on the project drawings submitted for the construction-related permit or on other documentation submitted to the City.

- or -

ii. The project applicant shall incorporate the following health risk reduction measures into the project. These features shall be submitted to the City for review and approval and be included on the project drawings submitted for the construction-related permit or on other documentation submitted to the City:

Installation of air filtration to reduce cancer risks and Particulate Matter (PM) exposure for residents and other sensitive populations in the project that are in close proximity to sources of air pollution. Air filter devices shall be rated MERV-13 [insert MERV-16 for projects located in the West Oakland Specific Plan area] or higher. As part of implementing this measure, an ongoing maintenance plan for the building's HVAC air filtration system shall be required.

Where appropriate, install passive electrostatic filtering systems, especially those with low air velocities (i.e., 1 mph).

Phasing of residential developments when proposed within 500 feet of freeways such that homes nearest the freeway are built last, if feasible.

The project shall be designed to locate sensitive receptors as far away as feasible from the source(s) of air pollution. Operable windows, balconies, and building air intakes shall be located as far away from these sources as feasible. If near a distribution center, residents shall be located as far away as feasible from a loading dock or where trucks concentrate to deliver goods.

Sensitive receptors shall be located on the upper floors of buildings, if feasible.

Planting trees and/or vegetation between sensitive receptors and pollution source, if feasible. Trees that are best suited to trapping PM shall be planted, including one or more of the following: Pine (*Pinus nigra* var. *maritima*), Cypress (*X Cupressocyparis leylandii*), Hybrid popular (*Populus deltoids X trichocarpa*), and Redwood *(Sequoia sempervirens*).

Sensitive receptors shall be located as far away from truck activity areas, such as loading docks and delivery areas, as feasible.

Existing and new diesel generators shall meet CARB's Tier 4 emission standards, if feasible.

Emissions from diesel trucks shall be reduced through implementing the following measures, if feasible:

Installing electrical hook-ups for diesel trucks at loading docks.

Requiring trucks to use Transportation Refrigeration Units (TRU) that meet Tier 4 emission standards.

Requiring truck-intensive projects to use advanced exhaust technology (e.g., hybrid) or alternative fuels.

Prohibiting trucks from idling for more than two minutes.

Establishing truck routes to avoid sensitive receptors in the project. A truck route program, along with truck calming, parking, and delivery restrictions, shall be implemented.

When Required: Prior to approval of construction-related permit

Initial Approval: Bureau of Planning

Monitoring/Inspection: Bureau of Building

Maintenance of Health Risk Reduction Measures

Requirement: The project applicant shall maintain, repair, and/or replace installed health risk reduction measures, including but not limited to the HVAC system (if applicable), on an ongoing and as-needed basis. Prior to occupancy, the project applicant shall prepare and then distribute to the building manager/operator an operation and maintenance manual for the HVAC system and filter including the maintenance and replacement schedule for the filter.

When Required: Ongoing

Initial Approval: N/A

Monitoring/Inspection: Bureau of Building

[The following condition applies to all projects that involve a stationary pollutant source requiring a permit from BAAQMD, including but not limited to back-up diesel generators. The California Building Code requires back-up diesel generators for all buildings over 70 feet tall.]

21 Stationary Sources of Air Pollution (Toxic Air Contaminants)

Requirement: The project applicant shall incorporate appropriate measures into the project design in order to reduce the potential health risk due to on-site stationary sources of toxic air contaminants. The project applicant shall choose one of the following methods:

kk. The project applicant shall retain a qualified air quality consultant to prepare a Health Risk Assessment (HRA) in accordance with California Air Resources Board (CARB) and Office of Environmental Health and Hazard Assessment requirements to determine the health risk associated with proposed stationary sources of pollution in the project. The HRA shall be submitted to the City for review and approval. If the HRA concludes that the health risk is at or below acceptable levels, then health risk reduction measures are not required. If the HRA concludes the health risk exceeds acceptable levels, health risk reduction measures shall be identified to reduce the health risk to acceptable levels. Identified risk reduction measures shall be

submitted to the City for review and approval and be included on the project drawings submitted for the construction-related permit or on other documentation submitted to the City.

- or -

The project applicant shall incorporate the following health risk reduction measures into the project. These features shall be submitted to the City for review and approval and be included on the project drawings submitted for the construction-related permit or on other documentation submitted to the City:

i. Installation of non-diesel fueled generators, if feasible, or;

ii. Installation of diesel generators with an EPA-certified Tier 4 engine or engines that are retrofitted with a CARB Level 3 Verified Diesel Emissions Control Strategy, if feasible.

When Required: Prior to approval of construction-related permit

Initial Approval: Bureau of Planning

Monitoring/Inspection: Bureau of Building

[The following condition applies to all projects that involve new truck loading docks or a truck fleet of any size registered to the project applicant/operator.]

22 Truck-Related Risk Reduction Measures (Toxic Air Contaminants)

ll. ***Truck Loading Docks***

Requirement: The project applicant shall locate proposed truck loading docks as far from nearby sensitive receptors as feasible.

When Required: Prior to approval of construction-related permit

Initial Approval: Bureau of Planning

Monitoring/Inspection: Bureau of Building

Truck Fleet Emission Standards

Requirement: The project applicant shall comply with all applicable California Air Resources Board (CARB) requirements to control emissions from diesel engines and demonstrate compliance to the satisfaction of the City. Methods to comply include, but are not limited to, new clean diesel trucks, lower-tier diesel engine trucks with added Particulate Matter (PM) filters, hybrid trucks, alternative energy trucks, or other methods that achieve the applicable CARB emission standard. Compliance with this requirement shall be verified through CARB's Verification Procedures for In-Use Strategies to Control Emissions from Diesel Engines.

When Required: Prior to building permit final; ongoing

Initial Approval: Bureau of Planning

Monitoring/Inspection: Bureau of Building

[The following condition applies to all projects involving either of the following:

a. Demolition of structures; or

Renovation of structures known to contain or may contain asbestos.]

23 Asbestos in Structures

Requirement: The project applicant shall comply with all applicable laws and regulations regarding demolition and renovation of Asbestos Containing Materials (ACM), including but not limited to California Code of Regulations, Title 8; California Business and Professions Code, Division 3; California Health and Safety Code sections 25915-25919.7; and Bay Area Air Quality Management District, Regulation 11, Rule 2, as may be amended. Evidence of compliance shall be submitted to the City upon request.

When Required: Prior to approval of construction-related permit

Initial Approval: Applicable regulatory agency with jurisdiction

Monitoring/Inspection: Applicable regulatory agency with jurisdiction

[The following condition applies to all projects involving both of the following:

a. Construction, grading, or mining activities; and

Located in an area of naturally-occurring asbestos, serpentine soils, and/or ultramafic rock (generally above Highway 13 between Shepherd Canyon Rd. and Keller Ave.; staff can refer to the map on the City server).]

24 Naturally-Occurring Asbestos

Requirement: The project applicant shall comply with all applicable laws and regulations regarding construction in areas of naturally-occurring asbestos, including but not limited to, the Bay Area Air Quality Management District's (BAAQMD) Asbestos Airborne Toxic Control Measures for Construction, Grading, Quarrying, and Surface Mining Operations (implementing California Code of Regulations, section 93105, as may be amended) requiring preparation and implementation of an Asbestos Dust Mitigation Plan to minimize public exposure to naturally-occurring asbestos. Evidence of compliance shall be submitted to the City upon request.

When Required: Prior to approval of construction-related permit

Initial Approval: Applicable regulatory agency with jurisdiction

Monitoring/Inspection: Applicable regulatory agency with jurisdiction

GREENHOUSE GAS EMISSIONS / GLOBAL CLIMATE CHANGE

[The following condition applies under any of the following scenarios for projects which result in a net increase in greenhouse gas (GHG) emissions:

b. Scenario A: Projects which (a) involve a land use development (i.e., a project that does not require a permit from the Bay Area Air Quality Management District [BAAQMD] to operate),

(b) exceed the GHG emissions screening criteria contained in the BAAQMD CEQA Guidelines,[14] and (c) after a GHG analysis is prepared would produce total GHG emissions of more than 1,100 metric tons of CO2e annually and more than 4.6 metric tons of CO2e per service population annually (with "service population" defined as the total number of employees and residents of the project).

Scenario B: Projects which (a) involve a land use development, (b) exceed the GHG emissions screening criteria contained in the BAAQMD CEQA Guidelines,[15] (c) after a GHG analysis is prepared would exceed at least one of the BAAQMD Thresholds of Significance (more than 1,100 metric tons of CO2e annually OR more than 4.6 metric tons of CO2e per service population annually), and (d) are considered to be "Very Large Projects."[16]

Scenario C: Projects which (a) involve a stationary source of GHG (i.e., a project that requires a permit from BAAQMD to operate) and (b) after a GHG analysis is prepared would produce total GHG emissions of more than 10,000 metric tons of CO2e annually.]

Attachment 2: Health Impact Evaluation Methodology

A health risk assessment (HRA) for exposure to Toxic Air Contaminates (TACs) requires the application of a risk characterization model to the results from the air dispersion model to estimate potential health risk at each sensitive receptor location. The State of California Office of Environmental Health Hazard Assessment (OEHHA) and California Air Resources Board (CARB) develop recommended methods for conducting health risk assessments. The most recent OEHHA risk assessment guidelines were published in February of 2015.[17] These guidelines incorporate substantial changes designed to

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14 For residential development projects, refer to the City's Housing Element EIR screening criteria. The Housing Element EIR's analysis showed that residential development projects of less than 172 units would not result in a significant climate change impact and, therefore, no project-specific GHG analysis is required for such projects. Under an alternative approach in the Housing Element EIR, the analysis found that **ANY** residential development project (including those containing 172 or more units) would not result in a significant climate change impact and that no project-specific GHG analysis would be required. For residential projects containing 172 or more units, please consult with City Planning staff and the City Attorney's office on the appropriate GHG review. For nonresidential development projects and mixed-use development projects, the nonresidential component of the project must be compared to the BAAQMD screening criteria and the applicable threshold if the screening criteria are exceeded, independently from any residential component the project.

15 See footnote #1 above.

16 A "Very Large Project" is defined as any of the following:

(A) Residential development of more than 500 dwelling units;

(B) Shopping center or business establishment employing more than 1,000 persons or encompassing more than 500,000 square feet of floor space;

(C) Commercial office building employing more than 1,000 persons or encompassing more than 250,000 square feet of floor space;

(D) Hotel/motel development of more than 500 rooms;

(E) Industrial, manufacturing, processing plant, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or encompassing more than 650,000 square feet of floor area; or

(F) Any combination of smaller versions of the above that when combined result in equivalent annual GHG emissions as the above.

17 OEHHA, 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines, The Air Toxics Hot Spots Program*

provide for enhanced protection of children, as required by State law, compared to previous published risk assessment guidelines. CARB has provided additional guidance on implementing OEHHA's recommended methods.[18] This HRA used the recent 2015 OEHHA risk assessment guidelines and CARB guidance. The BAAQMD has adopted recommended procedures for applying the newest OEHHA guidelines as part of Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants.[19] Exposure parameters from the OEHHA guidelines and the recent BAAQMD HRA Guidelines were used in this evaluation.

Cancer Risk

Potential increased cancer risk from inhalation of TACs are calculated based on the TAC concentration over the period of exposure, inhalation dose, the TAC cancer potency factor, and an age sensitivity factor to reflect the greater sensitivity of infants and children to cancer causing TACs. The inhalation dose depends on a person's breathing rate, exposure time and frequency of exposure, and the exposure duration. These parameters vary depending on the age, or age range, of the persons being exposed and whether the exposure is considered to occur at a residential location or other sensitive receptor location.

The current OEHHA guidance recommends that cancer risk be calculated by age groups to account for different breathing rates and sensitivity to TACs. Specifically, they recommend evaluating risks for the third trimester of pregnancy to age zero, ages zero to less than two (infant exposure), ages two to less than 16 (child exposure), and ages 16 to 70 (adult exposure). Age sensitivity factors (ASFs) associated with the different types of exposure are an ASF of 10 for the third trimester and infant exposures, an ASF of 3 for a child exposure, and an ASF of 1 for an adult exposure. Also associated with each exposure type are different breathing rates, expressed as liters per kilogram of body weight per day (L/kg-day). As recommended by the BAAQMD, 95th percentile breathing rates are used for the third trimester and infant exposures, and 80th percentile breathing rates for child and adult exposures. Additionally, CARB and the BAAQMD recommend the use of a residential exposure duration of 30 years for sources with long-term emissions (e.g., roadways).

Under previous OEHHA and BAAQMD HRA guidance, residential receptors are assumed to be at their home 24 hours a day, or 100 percent of the time. In the 2015 Risk Assessment Guidance, OEHHA includes adjustments to exposure duration to account for the fraction of time at home (FAH), which can be less than 100 percent of the time, based on updated population and activity statistics. The FAH factors are age-specific and are: 0.85 for third trimester of pregnancy to less than 2 years old, 0.72 for ages 2 to less than 16 years, and 0.73 for ages 16 to 70 years. Use of the FAH factors is allowed by the BAAQMD if there are no schools in the project vicinity that would have a cancer risk of one in a million or greater assuming 100 percent exposure (FAH = 1.0).

Functionally, cancer risk is calculated using the following parameters and formulas:

Cancer Risk (per million) = $CPF \times Inhalation\ Dose \times ASF \times ED/AT \times FAH \times 10^6$

Where:

CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = $C_{air} \times DBR \times A \times (EF/365) \times 10^{-6}$

Where:

C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)

Guidance Manual for Preparation of Health Risk Assessments. Office of Environmental Health Hazard Assessment. February.

18 CARB, 2015. *Risk Management Guidance for Stationary Sources of Air Toxics*. July 23.

19 BAAQMD, 2016. *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*. January 2016.

10^{-6} = Conversion factor

The health risk parameters used in this evaluation are summarized as follows:

Parameter	*Exposure Type →*	Infant		Child		Adult
	Age Range →	3rd Trimester	0<2	2 < 9	2 < 16	16 - 30
DPM Cancer Potency Factor $(mg/kg\text{-}day)^{-1}$		1.10E+00	1.10E+00	1.10E+00	1.10E+00	1.10E+00
Daily Breathing Rate (L/kg-day)*		361	1,090	631	572	261
Inhalation Absorption Factor		1	1	1	1	1
Averaging Time (years)		70	70	70	70	70
Exposure Duration (years)		0.25	2	14	14	14
Exposure Frequency (days/year)		350	350	350	350	350
Age Sensitivity Factor		10	10	3	3	1
Fraction of Time at Home		0.85-1.0	0.85-1.0	0.72-1.0	0.72-1.0	0.73

* 95th percentile breathing rates for 3rd trimester and infants and 80th percentile for children and adults

Non-Cancer Hazards

Potential non-cancer health hazards from TAC exposure are expressed in terms of a hazard index (HI), which is the ratio of the TAC concentration to a reference exposure level (REL). OEHHA has defined acceptable concentration levels for contaminants that pose non-cancer health hazards. TAC concentrations below the REL are not expected to cause adverse health impacts, even for sensitive individuals. The total HI is calculated as the sum of the HIs for each TAC evaluated and the total HI is compared to the BAAQMD significance thresholds to determine whether a significant non-cancer health impact from a project would occur.

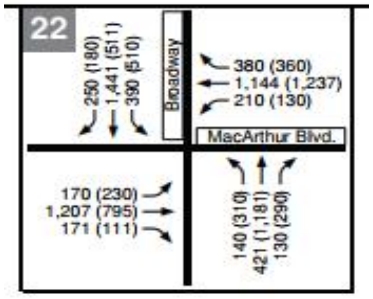
Typically, for residential projects located near roadways with substantial TAC emissions, the primary TAC of concern with non-cancer health effects is diesel particulate matter (DPM). For DPM, the chronic inhalation REL is 5 micrograms per cubic meter ($\mu g/m^3$).

Annual $PM_{2.5}$ Concentrations

While not a TAC, fine particulate matter ($PM_{2.5}$) has been identified by the BAAQMD as a pollutant with potential non-cancer health effects that should be included when evaluating potential community health impacts under the California Environmental Quality Act (CEQA). The thresholds of significance for $PM_{2.5}$ (project level and cumulative) are in terms of an increase in the annual average concentration. When considering $PM_{2.5}$ impacts, the contribution from all sources of $PM_{2.5}$ emissions should be included. For projects with potential impacts from nearby local roadways, the $PM_{2.5}$ impacts should include those from vehicle exhaust emissions, $PM_{2.5}$ generated from vehicle tire and brake wear, and fugitive emissions from re-suspended dust on the roads.

Attachment 3: Roadway Health Risk Calculations

Traffic for Mac Arthur and Broadway



Mac Arthur & Broadway				
Mac Arthur				35ft
	WB	EB	ADT	
AM	1734	1727		
PM	1727	1595	33,915	
Broadway	NB	SB		460ft
AM	971	2080		
PM	1771	1201	30,115	

Source: Mac Arthur Transit Village Draft EIR
http://www2.oaklandnet.com/Government/o/PBN/OurServices/Application/DOWD009157
http://www2.oaklandnet.com/oakca1/groups/ceda/documents/agenda/oak061245.pdf

Traffic Impacts for I-580

Interstate 580
Link 926 (6ft elevation)

	PM2.5	Risk	Chron.HI	Acute.HI
10 ft S	0.514	55.48	0.057	0.051
25 ft S	0.382	41.63	0.043	0.042
50 ft S	0.263	28.995	0.029	0.033
75 ft S	0.195	21.777	0.022	0.027
100 ft S	0.151	17.05	0.017	0.024
200 ft S	0.068	8.003	0.008	0.018
300 ft S	0.039	4.623	0.004	0.014
400 ft S	0.025	3.031	0.002	0.012
500 ft S	0.018	2.187	0.002	0.011
750 ft S	0.009	1.204	0.001	0.007
1000 ft S	0.006	0.77	0	0.005
10 ft N	1.001	106.011	0.111	0.045
25 ft N	0.801	85.111	0.089	0.04
50 ft N	0.589	62.877	0.065	0.033
75 ft N	0.457	48.943	0.051	0.029
100 ft N	0.366	39.375	0.04	0.025
200 ft N	0.182	19.983	0.02	0.016
300 ft N	0.11	12.216	0.012	0.014
400 ft N	0.074	8.33	0.008	0.012
500 ft N	0.053	6.064	0.006	0.01
750 ft N	**0.028**	**3.279**	**0.003**	**0.006**
1000 ft N	0.017	2.075	0.002	0.005

with 2015 OEHHA	**750 ft N**	**0.028**	**4.5067**	**0.003**	**0.006**

Bay Area Air Quality Management District

Roadway Screening Analysis Calculator

County specific tables containing estimates of risk and hazard impacts from roadways in the Bay Area.

INSTRUCTIONS:

Input the site-specific characteristics of your project by using the drop down menu in the "Search Parameter" box. We recommend that this analysis be used for roadways with 10,000 AADT and above.

• County: Select the County where the project is located. The calculator is only applicable for projects within the nine Bay Area counties.

• Roadway Direction: Select the orientation that best matches the roadway. If the roadway orientation is neither clearly north-south nor east-west, use the highest values predicted from either orientation.

• Side of the Roadway: Identify on which side of the roadway the project is located.

• Distance from Roadway: Enter the distance in feet from the nearest edge of the roadway to the project site. The calculator estimates values for distances greater than 10 feet and less than 1000 feet. For distances greater than 1000 feet, the user can choose to extrapolate values using a distribution curve or apply 1000 feet values for greater distances.

• Annual Average Daily Traffic (ADT): Enter the annual average daily traffic on the roadway. These data may be collected from the city or the county (if the area is unincorporated).

When the user has completed the data entries, the screening level PM2.5 annual average concentration and the cancer risk results will appear in the Results Box on the right. Please note that the roadway tool is not applicable for California State Highways and the District refers the user to the Highway Screening Analysis Tool at: http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx.

Notes and References listed below the Search Boxes

Search Parameters

County	Alameda	
Roadway Direction	North-South	
Side of the Roadway	East	
Distance from Roadway	460	feet
Annual Average Daily Traffic (ADT)	30,000	

Results

Alameda County

NORTH-SOUTH DIRECTIONAL ROADWAY

PM2.5 annual average

0.097 ($\mu g/m^3$)

Cancer Risk

4.91 (per million)

Broadway

Data for Alameda County based on meteorological data collected from Pleasanton in 2005

Adjusted for 2015 OEHHA and EMFAC2014 for 2018

3.37

(per million)

Note that EMFAC2014 predicts DSL PM2.5 aggragate rates in 2018 that are 46% of EMFAC2011 for 2014. TOG gasoline rates are 56% of EMFAC2011 year 2014 rates. This is for light- and medium-duty vehciles traveling at 30 mph for Bay Area

Notes and References:

1. Emissions were developed using EMFAC2011 for fleet mix in 2014 assuming 10,000 AADT and includes impacts from diesel and gasoline vehicle exhaust, brake and tire wear, and resuspended dust.
2. Roadways were modeled using ~~CALINE4~~ Cal3qhcr air dispersion model assuming a source length of one kilometer. Meteorological data used to estimate the screening values are noted at the bottom of the "Results" box.
3. Cancer risks were estimated for 70 year lifetime exposure starting in 2014 that includes sensitivity values for early life exposures and OEHHA toxicity values adopted in 2013.

Attachment 2: Health Risk Calculation Methodology

A health risk assessment (HRA) for exposure to Toxic Air Contaminates (TACs) requires the application of a risk characterization model to the results from the air dispersion model to estimate potential health risk at each sensitive receptor location. The State of California Office of Environmental Health Hazard Assessment (OEHHA) and California Air Resources Board (CARB) develop recommended methods for conducting health risk assessments. The most recent OEHHA risk assessment guidelines were published in February of 2015.[1] These guidelines incorporate substantial changes designed to provide for enhanced protection of children, as required by State law, compared to previous published risk assessment guidelines. CARB has provided additional guidance on implementing OEHHA's recommended methods.[2] This HRA used the recent 2015 OEHHA risk assessment guidelines and CARB guidance. The BAAQMD has adopted recommended procedures for applying the newest OEHHA guidelines as part of Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants.[3] Exposure parameters from the OEHHA guidelines and the recent BAAQMD HRA Guidelines were used in this evaluation.

Cancer Risk

Potential increased cancer risk from inhalation of TACs are calculated based on the TAC concentration over the period of exposure, inhalation dose, the TAC cancer potency factor, and an age sensitivity factor to reflect the greater sensitivity of infants and children to cancer causing TACs. The inhalation dose depends on a person's breathing rate, exposure time and frequency of exposure, and the exposure duration. These parameters vary depending on the age, or age range, of the persons being exposed and whether the exposure is considered to occur at a residential location or other sensitive receptor location.

The current OEHHA guidance recommends that cancer risk be calculated by age groups to account for different breathing rates and sensitivity to TACs. Specifically, they recommend evaluating risks for the third trimester of pregnancy to age zero, ages zero to less than two (infant exposure), ages two to less than 16 (child exposure), and ages 16 to 70 (adult exposure). Age sensitivity factors (ASFs) associated with the different types of exposure are an ASF of 10 for the third trimester and infant exposures, an ASF of 3 for a child exposure, and an ASF of 1 for an adult exposure. Also associated with each exposure type are different breathing rates, expressed as liters per kilogram of body weight per day (L/kg-day). As recommended by the BAAQMD, 95th percentile breathing rates are used for the third trimester and infant exposures, and 80th percentile breathing rates for child and adult exposures. Additionally, CARB and the BAAQMD recommend the use of a residential exposure duration of 30 years for sources with long-term emissions (e.g., roadways).

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[1] OEHHA, 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines, The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*. Office of Environmental Health Hazard Assessment. February.

[2] CARB, 2015. *Risk Management Guidance for Stationary Sources of Air Toxics*. July 23.

[3] BAAQMD, 2016. *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*. January 2016.

Under previous OEHHA and BAAQMD HRA guidance, residential receptors are assumed to be at their home 24 hours a day, or 100 percent of the time. In the 2015 Risk Assessment Guidance, OEHHA includes adjustments to exposure duration to account for the fraction of time at home (FAH), which can be less than 100 percent of the time, based on updated population and activity statistics. The FAH factors are age-specific and are: 0.85 for third trimester of pregnancy to less than 2 years old, 0.72 for ages 2 to less than 16 years, and 0.73 for ages 16 to 70 years. Use of the FAH factors is allowed by the BAAQMD if there are no schools in the project vicinity that would have a cancer risk of one in a million or greater assuming 100 percent exposure (FAH = 1.0).

Functionally, cancer risk is calculated using the following parameters and formulas:

Cancer Risk (per million) = $CPF \times Inhalation\ Dose \times ASF \times ED/AT \times FAH \times 10^{6}$

Where:

CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = $C_{air} \times DBR \times A \times (EF/365) \times 10^{-6}$

Where:

C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

The health risk parameters used in this evaluation are summarized as follows:

Parameter	***Exposure Type →***	**Infant**		**Child**		**Adult**
	Age Range →	**3rd Trimester**	**0<2**	**2 < 9**	**2 < 16**	**16 - 30**
DPM Cancer Potency Factor $(mg/kg\text{-}day)^{-1}$		1.10E+00	1.10E+00	1.10E+00	1.10E+00	1.10E+00
Daily Breathing Rate (L/kg-day)*		361	1,090	631	572	261
Inhalation Absorption Factor		1	1	1	1	1
Averaging Time (years)		70	70	70	70	70
Exposure Duration (years)		0.25	2	14	14	14
Exposure Frequency (days/year)		350	350	350	350	350
Age Sensitivity Factor		10	10	3	3	1
Fraction of Time at Home		0.85-1.0	0.85-1.0	0.72-1.0	0.72-1.0	0.73

* 95th percentile breathing rates for 3rd trimester and infants and 80th percentile for children and adults

Non-Cancer Hazards

Potential non-cancer health hazards from TAC exposure are expressed in terms of a hazard index (HI), which is the ratio of the TAC concentration to a reference exposure level (REL). OEHHA has defined acceptable concentration levels for contaminants that pose non-cancer health hazards. TAC concentrations below the REL are not expected to cause adverse health impacts, even for sensitive individuals. The total HI is calculated as the sum of the HIs for each TAC evaluated and the total HI is compared to the BAAQMD significance thresholds to determine whether a significant non-cancer health impact from a project would occur.

Typically, for residential projects located near roadways with substantial TAC emissions, the primary TAC of concern with non-cancer health effects is diesel particulate matter (DPM). For DPM, the chronic inhalation REL is 5 micrograms per cubic meter ($\mu g/m^3$).

Annual $PM_{2.5}$ Concentrations

While not a TAC, fine particulate matter ($PM_{2.5}$) has been identified by the BAAQMD as a pollutant with potential non-cancer health effects that should be included when evaluating potential community health impacts under the California Environmental Quality Act (CEQA). The thresholds of significance for $PM_{2.5}$ (project level and cumulative) are in terms of an increase in the annual average concentration. When considering $PM_{2.5}$ impacts, the contribution from all sources of $PM_{2.5}$ emissions should be included. For projects with potential impacts from nearby local roadways, the $PM_{2.5}$ impacts should include those from vehicle exhaust emissions, $PM_{2.5}$ generated from vehicle tire and brake wear, and fugitive emissions from re-suspended dust on the roads.

Attachment 3: Roadway Traffic Emissions and Risk Calculations

W. MacArthur Boulevard - Traffic Emissions and Health Risk Impacts

230 W. MacArthur Blvd, Oakland, CA
W. MacArthur Blvd
DPM Modeling - Roadway Links, Traffic Volumes, and DPM Emissions
Year = 2020

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Width (ft)	Link Width (m)	Release Height (m)	Diesel ADT	Average Speed (mph)
EB-W-MacArthur	Eastbound W MacArthur	E	3	720	36	11.0	3.4	421	variable
WB-W-MacArthur	Westbound W MacArthur	W	3	734	36	11.0	3.4	421	variable

2020 Hourly Diesel Traffic Volumes Per Direction and DPM Emissions - EB-W-MacArthur

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	2.71%	11	0.0223	9	6.84%	29	0.0294	17	6.12%	26	0.0290
2	1.90%	8	0.0209	10	4.79%	20	0.0229	18	4.96%	21	0.0285
3	2.37%	10	0.0207	11	6.91%	29	0.0199	19	4.52%	19	0.0179
4	2.51%	11	0.0235	12	7.20%	30	0.0200	20	3.46%	15	0.0168
5	1.68%	7	0.0225	13	6.80%	29	0.0199	21	2.13%	9	0.0226
6	2.29%	10	0.0239	14	6.83%	29	0.0199	22	2.55%	11	0.0232
7	3.85%	16	0.0237	15	6.15%	26	0.0196	23	1.67%	7	0.0221
8	5.83%	25	0.0287	16	5.12%	22	0.0187	24	0.81%	3	0.0220
								Total		421	

2020 Hourly Diesel Traffic Volumes Per Direction and DPM Emissions - WB-W-MacArthur

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	2.71%	11	0.0223	9	6.84%	29	0.0294	17	6.12%	26	0.0290
2	1.90%	8	0.0209	10	4.79%	20	0.0229	18	4.96%	21	0.0285
3	2.37%	10	0.0207	11	6.91%	29	0.0199	19	4.52%	19	0.0179
4	2.51%	11	0.0235	12	7.20%	30	0.0200	20	3.46%	15	0.0168
5	1.68%	7	0.0225	13	6.80%	29	0.0199	21	2.13%	9	0.0226
6	2.29%	10	0.0239	14	6.83%	29	0.0199	22	2.55%	11	0.0232
7	3.85%	16	0.0237	15	6.15%	26	0.0196	23	1.67%	7	0.0221
8	5.83%	25	0.0287	16	5.12%	22	0.0187	24	0.81%	3	0.0220
								Total		421	

230 W. MacArthur Blvd, Oakland, CA
W. MacArthur Blvd
PM2.5 & TOG Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2020

Group Link	Description	Direction	No. Lanes	Link Length (m)	Link Width (ft)	Link Width (m)	Release Height (m)	ADT	Average Speed (mph)
EB-W-MacArthur	Eastbound W MacArthur	E	3	720	36	11.0	1.3	17,850	variable
WB-W-MacArthur	Westbound W MacArthur	W	3	734	36	11.0	1.3	17,850	variable

2020 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - EB-W-MacArthur

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.10%	196	0.0216	9	7.07%	1262	0.0223	17	7.39%	1318	0.0221
2	0.37%	66	0.0225	10	4.27%	763	0.0208	18	8.27%	1477	0.0218
3	0.32%	57	0.0237	11	4.61%	822	0.0205	19	5.79%	1033	0.0198
4	0.20%	36	0.0322	12	5.84%	1043	0.0204	20	4.36%	778	0.0198
5	0.46%	82	0.0226	13	6.17%	1101	0.0202	21	3.29%	586	0.0201
6	0.83%	149	0.0229	14	6.03%	1077	0.0202	22	3.31%	590	0.0203
7	3.77%	673	0.0206	15	7.07%	1262	0.0200	23	2.47%	441	0.0201
8	7.90%	1409	0.0219	16	7.21%	1288	0.0199	24	1.90%	338	0.0199
								Total		17,850	

2020 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - WB-W-MacArthur

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.10%	196	0.0216	9	7.07%	1262	0.0223	17	7.39%	1318	0.0221
2	0.37%	66	0.0225	10	4.27%	763	0.0208	18	8.27%	1477	0.0218
3	0.32%	57	0.0237	11	4.61%	822	0.0205	19	5.79%	1033	0.0198
4	0.20%	36	0.0322	12	5.84%	1043	0.0204	20	4.36%	778	0.0198
5	0.46%	82	0.0226	13	6.17%	1101	0.0202	21	3.29%	586	0.0201
6	0.83%	149	0.0229	14	6.03%	1077	0.0202	22	3.31%	590	0.0203
7	3.77%	673	0.0206	15	7.07%	1262	0.0200	23	2.47%	441	0.0201
8	7.90%	1409	0.0219	16	7.21%	1288	0.0199	24	1.90%	338	0.0199
								Total		17,850	

230 W. MacArthur Blvd, Oakland, CA
W. MacArthur Blvd
Entrained PM2.5 Road Dust Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2020

Group Link	Description	Direction	No. Lanes	Link Length (m)	Link Width (ft)	Link Width (m)	Release Height (m)	ADT	Average Speed (mph)
EB-W-MacArthur	Eastbound W MacArthur	E	3	720	36	11.0	1.3	17,850	variable
WB-W-MacArthur	Westbound W MacArthur	W	3	734	36	11.0	1.3	17,850	variable

2020 Hourly Traffic Volumes Per Direction and Road Dust PM2.5 Emissions - EB-W-MacArthur

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.10%	196	0.0153	9	7.07%	1262	0.0153	17	7.39%	1318	0.0153
2	0.37%	66	0.0153	10	4.27%	763	0.0153	18	8.27%	1477	0.0153
3	0.32%	57	0.0153	11	4.61%	822	0.0153	19	5.79%	1033	0.0153
4	0.20%	36	0.0153	12	5.84%	1043	0.0153	20	4.36%	778	0.0153
5	0.46%	82	0.0153	13	6.17%	1101	0.0153	21	3.29%	586	0.0153
6	0.83%	149	0.0153	14	6.03%	1077	0.0153	22	3.31%	590	0.0153
7	3.77%	673	0.0153	15	7.07%	1262	0.0153	23	2.47%	441	0.0153
8	7.90%	1409	0.0153	16	7.21%	1288	0.0153	24	1.90%	338	0.0153
								Total		17,850	

2020 Hourly Traffic Volumes Per Direction and Road Dust PM2.5 Emissions - WB-W-MacArthur

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.10%	196	0.0153	9	7.07%	1262	0.0153	17	7.39%	1318	0.0153
2	0.37%	66	0.0153	10	4.27%	763	0.0153	18	8.27%	1477	0.0153
3	0.32%	57	0.0153	11	4.61%	822	0.0153	19	5.79%	1033	0.0153
4	0.20%	36	0.0153	12	5.84%	1043	0.0153	20	4.36%	778	0.0153
5	0.46%	82	0.0153	13	6.17%	1101	0.0153	21	3.29%	586	0.0153
6	0.83%	149	0.0153	14	6.03%	1077	0.0153	22	3.31%	590	0.0153
7	3.77%	673	0.0153	15	7.07%	1262	0.0153	23	2.47%	441	0.0153
8	7.90%	1409	0.0153	16	7.21%	1288	0.0153	24	1.90%	338	0.0153
								Total		17,850	

230 W. MacArthur Blvd, Oakland, CA
W. MacArthur Blvd Traffic Data and PM2.5 & TOG Emission Factors - 35 mph

Analysis Year = ***2020***

Vehicle Type	2015 Caltrans Number Vehicles (veh/day)	2020 Number Vehicles (veh/day)	2020 Percent Diesel	Number Diesel Vehicles (veh/day)	Vehicle Speed (mph)	Emission Factors: Diesel Vehicles DPM (g/VMT)	All Vehicles: Total PM2.5 (g/VMT)	All Vehicles: Exhaust PM2.5 (g/VMT)	Gas Vehicles: Exhaust TOG (g/VMT)	Gas Vehicles: Running TOG (g/VMT)
LDA	22,865	24,008	1.11%	266	35	0.0151	0.0194	0.0017	0.0191	0.046
LDT	9,745	10,232	0.16%	17	35	0.0165	0.0194	0.0016	0.0258	0.091
MDT	927	973	10.18%	99	35	0.0182	0.0239	0.0030	0.0530	0.179
HDT	464	487	94.31%	459	35	0.0239	0.0678	0.0226	0.1719	0.104
Total	34,000	35,700	-	841	35	-	-		-	-
Mix Avg Emission Factor						**0.02029**	**0.02020**	**0.00199**	**0.02201**	**0.06244**
Increase From 2015		1.05								
Vehicles/Direction		17,850		421						
Avg Vehicles/Hour/Direction		**744**		**18**						

Traffic Data Year = ***2015***

Location	Total	Total Truck	Truck by Axle 2	3	4	5
W MacArthur	34,000	1,391	927	155	155	155
			66.67%	11.11%	11.11%	11.11%
Percent of Total Vehicles		4.09%	2.73%	0.45%	0.45%	0.45%

Traffic Increase per Year (%) = ***1.00%***

230 W. MacArthur Blvd, Oakland, CA
W. MacArthur Blvd Traffic Data and PM2.5 & TOG Emission Factors - 20 mph

Analysis Year = ***2020***

Vehicle Type	2015 Caltrans Number Vehicles (veh/day)	2020 Number Vehicles (veh/day)	2020 Percent Diesel	Number Diesel Vehicles (veh/day)	Vehicle Speed (mph)	Emission Factors: Diesel Vehicles DPM (g/VMT)	All Vehicles: Total PM2.5 (g/VMT)	All Vehicles: Exhaust PM2.5 (g/VMT)	Gas Vehicles: Exhaust TOG (g/VMT)	Gas Vehicles: Running TOG (g/VMT)
LDA	22,865	24,008	1.11%	266	20	0.0251	0.0212	0.0035	0.0394	0.046
LDT	9,745	10,232	0.16%	17	20	0.0274	0.0211	0.0034	0.0527	0.091
MDT	927	973	10.18%	99	20	0.0345	0.0333	0.0124	0.1196	0.179
HDT	464	487	94.31%	459	20	0.0317	0.0751	0.0298	0.2906	0.104
Total	34,000	35,700	-	841	20	-	-		-	-
Mix Avg Emission Factor						**0.02986**	**0.02226**	**0.00404**	**0.04554**	**0.06244**
Increase From 2015		1.05								
Vehicles/Direction		17,850		421						
Avg Vehicles/Hour/Direction		**744**		**18**						

Traffic Data Year = ***2015***

Location	Total	Total* Truck	Truck by Axle 2	3	4	5
W MacArthur	34,000	1,391	927	155	155	155
			66.67%	11.11%	11.11%	11.11%
Percent of Total Vehicles		4.09%	2.73%	0.45%	0.45%	0.45%

Traffic Increase per Year (%) = ***1.00%***

230 W. MacArthur Blvd, Oakland, CA
W. MacArthur Blvd Traffic Data and Entrained PM2.5 Road Dust Emission Factors

$E_{2.5} = [k(sL)^{0.91} \times (W)^{1.02} \times (1-P/4N) \times 453.59$

where:

$E_{2.5}$ = $PM_{2.5}$ emission factor (g/VMT)

k = particle size multiplier (g/VMT) [$k_{PM2.5} = k_{PM10} \times (0.0686/0.4572) = 1.0 \times 0.15 = 0.15$ g/VMT][a]

sL = roadway specific silt loading (g/m^2)

W = average weight of vehicles on road (Bay Area default = 2.4 tons)[a]

P = number of days with at least 0.01 inch of precipitation in the annual averaging period

N = number of days in the annual averaging period (default = 365)

Notes: [a] CARB 2014, Miscellaneous Process Methodology 7.9, Entrained Road Travel, Paved Road Dust (Revised and updated, April 2014)

Road Type	Silt Loading (g/m^2)	Average Weight (tons)	County	No. Days ppt > 0.01"	$PM_{2.5}$ Emission Factor (g/VMT)
Major	0.032	2.4	Alameda	61	0.01531

SFBAAB[a]

Road Type	Silt Loading (g/m^2)
Collector	0.032
Freeway	0.02
Local	0.32
Major	0.032

SFBAAB[a]

County	>0.01 inch precipitation
Alameda	61
Contra Costa	60
Marin	66
Napa	68
San Francisco	67
San Mateo	60
Santa Clara	64
Solano	54
Sonoma	69

230 W MacArthur, Oakland, CA - W MacArthur Blvd - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
On-Site 2nd Floor Residential Receptors (6.7 meter receptor heights)

Emissions Year	2020
Receptor Information	
Number of Receptors	48
Receptor Height =	6.7 meters above ground level
Receptor distances =	6 meter spacing in project residential areas
Meteorological Conditions	
CARB Oakland Airport Met Data	2009-2013
Land Use Classification	urban
Wind speed =	variable
Wind direction =	variable

MEI Maximum Concentrations

Meteorological Data Years	Concentration (µg/m^3)		
	DPM	Exhaust TOG	Evaporative TOG
2006-2010	0.00417	0.1893	0.4604

Meteorological Data Years	PM2.5 Concentrations (µg/m^3)		
	Total PM2.5	Road Dust PM2.5	Vehicle PM2.5
2006-2010	0.2631	0.1116	0.1515

230 W MacArthur, Oakland, CA - W MacArthur Blvd Traffic -Maximum Cancer Risks
On-Site 2nd Floor Residential Receptors (6.7 meter receptor heights)
30-Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

	Infant/Child			Adult
Age -->	3rd Trimester	0 - <2	2 - <16	16 - 30
Parameter				
ASF	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
ED =	0.25	2	14	14
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates

Road Traffic Cancer Risk by Year - Maximum Impact Receptor Location

				Maximum - Exposure Information				Cancer Risk (per million)			
				Age	Annual TAC Conc (ug/m3)						
Exposure Year	Year	Exposure Duration (years)	Age	Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	Total
0	2019	0.25	-0.25 - 0*	10	0.0042	0.1893	0.4604	0.057	0.015	0.002	0.07
1	2019	1	1	10	0.0042	0.1893	0.4604	0.68	0.178	0.025	0.89
2	2020	1	2	10	0.0042	0.1893	0.4604	0.68	0.178	0.025	0.89
3	2021	1	3	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
4	2022	1	4	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
5	2023	1	5	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
6	2024	1	6	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
7	2025	1	7	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
8	2026	1	8	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
9	2027	1	9	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
10	2028	1	10	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
11	2029	1	11	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
12	2030	1	12	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
13	2031	1	13	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
14	2032	1	14	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
15	2033	1	15	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
16	2034	1	16	3	0.0042	0.1893	0.4604	0.11	0.028	0.004	0.14
17	2035	1	17	1	0.0042	0.1893	0.4604	0.01	0.0031	0.000	0.016
18	2036	1	18	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
19	2037	1	19	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
20	2038	1	20	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
21	2039	1	21	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
22	2040	1	22	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
23	2041	1	23	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
24	2042	1	24	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
25	2043	1	25	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
26	2044	1	26	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
27	2045	1	27	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
28	2046	1	28	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
29	2047	1	29	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
30	2048	1	30	1	0.0042	0.1893	0.4604	0.01	0.003	0.000	0.016
Total Increased Cancer Risk			**Total**					3.10	0.805	0.115	**4.0**

* Third trimester of pregnancy

Piedmont Avenue - Traffic Emissions and Health Risk Impacts

230 W. MacArthur Blvd, Oakland, CA
Piedmont Ave.
DPM Modeling - Roadway Links, Traffic Volumes, and DPM Emissions
Year = 2020

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Width (ft)	Link Width (m)	Release Height (m)	Diesel ADT	Average Speed (mph)
NB-Piedmont	Northbound Piedmont Ave	N	1	663	12	3.7	3.4	247	variable
SB-Piedmont	Southbound Piedmont Ave	S	1	662	12	3.7	3.4	247	variable

2020 Hourly Diesel Traffic Volumes Per Direction and DPM Emissions - NB-Piedmont

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	2.71%	7	0.0285	9	6.84%	17	0.0294	17	6.12%	15	0.0290
2	1.90%	5	0.0281	10	4.79%	12	0.0286	18	4.96%	12	0.0285
3	2.37%	6	0.0280	11	6.91%	17	0.0255	19	4.52%	11	0.0235
4	2.51%	6	0.0289	12	7.20%	18	0.0256	20	3.46%	9	0.0222
5	1.68%	4	0.0286	13	6.80%	17	0.0254	21	2.13%	5	0.0285
6	2.29%	6	0.0290	14	6.83%	17	0.0254	22	2.55%	6	0.0287
7	3.85%	10	0.0289	15	6.15%	15	0.0250	23	1.67%	4	0.0283
8	5.83%	14	0.0287	16	5.12%	13	0.0242	24	0.81%	2	0.0282
								Total		247	

2020 Hourly Diesel Traffic Volumes Per Direction and DPM Emissions - SB-Piedmont

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	2.71%	7	0.0285	9	6.84%	17	0.0294	17	6.12%	15	0.0290
2	1.90%	5	0.0281	10	4.79%	12	0.0286	18	4.96%	12	0.0285
3	2.37%	6	0.0280	11	6.91%	17	0.0255	19	4.52%	11	0.0235
4	2.51%	6	0.0289	12	7.20%	18	0.0256	20	3.46%	9	0.0222
5	1.68%	4	0.0286	13	6.80%	17	0.0254	21	2.13%	5	0.0285
6	2.29%	6	0.0290	14	6.83%	17	0.0254	22	2.55%	6	0.0287
7	3.85%	10	0.0289	15	6.15%	15	0.0250	23	1.67%	4	0.0283
8	5.83%	14	0.0287	16	5.12%	13	0.0242	24	0.81%	2	0.0282
								Total		247	

230 W. MacArthur Blvd, Oakland, CA
Piedmont Ave.
PM2.5 & TOG Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2020

Group Link	Description	Direction	No. Lanes	Link Length (m)	Link Width (ft)	Link Width (m)	Release Height (m)	ADT	Average Speed (mph)
NB-Piedmont	Northbound Piedmont Ave	N	1	663	12	3.7	1.3	10,500	variable
SB-Piedmont	Southbound Piedmont Ave	S	1	662	12	3.7	1.3	10,500	variable

2020 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - NB-Piedmont

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.10%	115	0.0227	9	7.07%	742	0.0223	17	7.39%	776	0.0221
2	0.37%	39	0.0238	10	4.27%	449	0.0219	18	8.27%	869	0.0218
3	0.32%	34	0.0253	11	4.61%	484	0.0215	19	5.79%	608	0.0208
4	0.20%	21	0.0341	12	5.84%	614	0.0214	20	4.36%	458	0.0207
5	0.46%	48	0.0239	13	6.17%	648	0.0212	21	3.29%	345	0.0211
6	0.83%	87	0.0241	14	6.03%	634	0.0213	22	3.31%	347	0.0213
7	3.77%	396	0.0217	15	7.07%	743	0.0211	23	2.47%	259	0.0211
8	7.90%	829	0.0219	16	7.21%	757	0.0209	24	1.90%	199	0.0209
								Total		10,500	

2020 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - SB-Piedmont

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.10%	115	0.0227	9	7.07%	742	0.0223	17	7.39%	776	0.0221
2	0.37%	39	0.0238	10	4.27%	449	0.0219	18	8.27%	869	0.0218
3	0.32%	34	0.0253	11	4.61%	484	0.0215	19	5.79%	608	0.0208
4	0.20%	21	0.0341	12	5.84%	614	0.0214	20	4.36%	458	0.0207
5	0.46%	48	0.0239	13	6.17%	648	0.0212	21	3.29%	345	0.0211
6	0.83%	87	0.0241	14	6.03%	634	0.0213	22	3.31%	347	0.0213
7	3.77%	396	0.0217	15	7.07%	743	0.0211	23	2.47%	259	0.0211
8	7.90%	829	0.0219	16	7.21%	757	0.0209	24	1.90%	199	0.0209
								Total		10,500	

230 W. MacArthur Blvd, Oakland, CA
Piedmont Ave.
Entrained PM2.5 Road Dust Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2020

Group Link	Description	Direction	No. Lanes	Link Length (m)	Link Width (ft)	Link Width (m)	Release Height (m)	ADT	Average Speed (mph)
NB-Piedmont	Northbound Piedmont Ave	N	1	663	12	3.7	1.3	10,500	variable
SB-Piedmont	Southbound Piedmont Ave	S	1	662	12	3.7	1.3	10,500	variable

2020 Hourly Traffic Volumes Per Direction and Road Dust PM2.5 Emissions - NB-Piedmont

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.10%	115	0.0153	9	7.07%	742	0.0153	17	7.39%	776	0.0153
2	0.37%	39	0.0153	10	4.27%	449	0.0153	18	8.27%	869	0.0153
3	0.32%	34	0.0153	11	4.61%	484	0.0153	19	5.79%	608	0.0153
4	0.20%	21	0.0153	12	5.84%	614	0.0153	20	4.36%	458	0.0153
5	0.46%	48	0.0153	13	6.17%	648	0.0153	21	3.29%	345	0.0153
6	0.83%	87	0.0153	14	6.03%	634	0.0153	22	3.31%	347	0.0153
7	3.77%	396	0.0153	15	7.07%	743	0.0153	23	2.47%	259	0.0153
8	7.90%	829	0.0153	16	7.21%	757	0.0153	24	1.90%	199	0.0153
								Total		10,500	

2020 Hourly Traffic Volumes Per Direction and Road Dust PM2.5 Emissions - SB-Piedmont

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.10%	115	0.0153	9	7.07%	742	0.0153	17	7.39%	776	0.0153
2	0.37%	39	0.0153	10	4.27%	449	0.0153	18	8.27%	869	0.0153
3	0.32%	34	0.0153	11	4.61%	484	0.0153	19	5.79%	608	0.0153
4	0.20%	21	0.0153	12	5.84%	614	0.0153	20	4.36%	458	0.0153
5	0.46%	48	0.0153	13	6.17%	648	0.0153	21	3.29%	345	0.0153
6	0.83%	87	0.0153	14	6.03%	634	0.0153	22	3.31%	347	0.0153
7	3.77%	396	0.0153	15	7.07%	743	0.0153	23	2.47%	259	0.0153
8	7.90%	829	0.0153	16	7.21%	757	0.0153	24	1.90%	199	0.0153
								Total		10,500	

230 W. MacArthur Blvd, Oakland, CA
Piedmont Ave. Traffic Data and PM2.5 & TOG Emission Factors - 25 mph

Analysis Year = ***2020***

Vehicle Type	2015 Caltrans Number Vehicles (veh/day)	2020 Number Vehicles (veh/day)	2020 Percent Diesel	Number Diesel Vehicles (veh/day)	Vehicle Speed (mph)	Emission Factors: Diesel Vehicles DPM (g/VMT)	All Vehicles: Total PM2.5 (g/VMT)	All Vehicles: Exhaust PM2.5 (g/VMT)	Gas Vehicles: Exhaust TOG (g/VMT)	Gas Vehicles: Running TOG (g/VMT)
LDA	13,450	14,122	1.11%	157	25	0.0203	0.0203	0.0026	0.0293	0.046
LDT	5,732	6,019	0.16%	10	25	0.0222	0.0203	0.0025	0.0394	0.091
MDT	545	573	10.18%	58	25	0.0272	0.0281	0.0071	0.0835	0.179
HDT	273	286	94.31%	270	25	0.0290	0.0721	0.0269	0.2223	0.104
Total	20,000	21,000	-	495	25	-	-		-	-
Mix Avg Emission Factor						**0.02592**	**0.02123**	**0.00302**	**0.03381**	**0.06244**
Increase From 2015		1.05								
Vehicles/Direction		10,500		247						
Avg Vehicles/Hour/Direction		**438**		**10**						

Traffic Data Year = ***2015***

Location	Total	Total Truck	Truck by Axle 2	3	4	5
Piedmont Ave	20,000	818	545	91	91	91
			66.67%	11.11%	11.11%	11.11%
Percent of Total Vehicles		4.09%	2.73%	0.45%	0.45%	0.45%

Traffic Increase per Year (%) = ***1.00%***

230 W. MacArthur Blvd, Oakland, CA
Piedmont Ave. Traffic Data and PM2.5 & TOG Emission Factors - 20 mph

Analysis Year = ***2020***

Vehicle Type	2015 Caltrans Number Vehicles (veh/day)	2020 Number Vehicles (veh/day)	2020 Percent Diesel	Number Diesel Vehicles (veh/day)	Vehicle Speed (mph)	Emission Factors: Diesel Vehicles DPM (g/VMT)	All Vehicles: Total PM2.5 (g/VMT)	All Vehicles: Exhaust PM2.5 (g/VMT)	Gas Vehicles: Exhaust TOG (g/VMT)	Gas Vehicles: Running TOG (g/VMT)
LDA	13,450	14,122	1.11%	157	20	0.0251	0.0212	0.0035	0.0394	0.046
LDT	5,732	6,019	0.16%	10	20	0.0274	0.0211	0.0034	0.0527	0.091
MDT	545	573	10.18%	58	20	0.0345	0.0333	0.0124	0.1196	0.179
HDT	273	286	94.31%	270	20	0.0317	0.0751	0.0298	0.2906	0.104
Total	20,000	21,000	-	495	20	-	-		-	-
Mix Avg Emission Factor						**0.02986**	**0.02226**	**0.00404**	**0.04554**	**0.06244**
Increase From 2015		1.05								
Vehicles/Direction		10,500		247						
Avg Vehicles/Hour/Direction		**438**		**10**						

Traffic Data Year = ***2015***

Location	Total	Total* Truck	Truck by Axle 2	3	4	5
Piedmont Ave	20,000	818	545	91	91	91
			66.67%	11.11%	11.11%	11.11%
Percent of Total Vehicles		4.09%	2.73%	0.45%	0.45%	0.45%

Traffic Increase per Year (%) = ***1.00%***

230 W. MacArthur Blvd, Oakland, CA
Piedmont Ave. Traffic Data and Entrained PM2.5 Road Dust Emission Factors

$E_{2.5} = [k(sL)^{0.91} \times (W)^{1.02} \times (1-P/4N) \times 453.59$

where:

$E_{2.5}$ = $PM_{2.5}$ emission factor (g/VMT)

k = particle size multiplier (g/VMT) [$k_{PM2.5} = k_{PM10} \times (0.0686/0.4572) = 1.0 \times 0.15 = 0.15$ g/VMT][a]

sL = roadway specific silt loading (g/m^2)

W = average weight of vehicles on road (Bay Area default = 2.4 tons)[a]

P = number of days with at least 0.01 inch of precipitation in the annual averaging period

N = number of days in the annual averaging period (default = 365)

Notes: [a] CARB 2014, Miscellaneous Process Methodology 7.9, Entrained Road Travel, Paved Road Dust (Revised and updated, April 2014)

Road Type	Silt Loading (g/m^2)	Average Weight (tons)	County	No. Days ppt > 0.01"	$PM_{2.5}$ Emission Factor (g/VMT)
Collector	0.032	2.4	Alameda	61	0.01531

SFBAAB[a]

Road Type	Silt Loading (g/m^2)
Collector	0.032
Freeway	0.02
Local	0.32
Major	0.032

SFBAAB[a]

County	>0.01 inch precipitation
Alameda	61
Contra Costa	60
Marin	66
Napa	68
San Francisco	67
San Mateo	60
Santa Clara	64
Solano	54
Sonoma	69

230 W MacArthur, Oakland, CA - Piedmont Ave - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
On-Site 2nd Floor Residential Receptors (6.7 meter receptor heights)

Emissions Year	2020
Receptor Information	
Number of Receptors	48
Receptor Height =	6.7 meters above ground level
Receptor distances =	6 meter spacing in project residential areas
Meteorological Conditions	
CARB Oakland Airport Met Data	2009-2013
Land Use Classification	urban
Wind speed =	variable
Wind direction =	variable

MEI Maximum Concentrations

Meteorological Data Years	Concentration (µg/m^3)		
	DPM	Exhaust TOG	Evaporative TOG
2006-2010	0.00186	0.0896	0.1567

Meteorological Data Years	PM2.5 Concentrations (µg/m^3)		
	Total PM2.5	Road Dust PM2.5	Vehicle PM2.5
2006-2010	0.0917	0.0381	0.0537

230 W MacArthur, Oakland, CA - Piedmont Ave Traffic -Maximum Cancer Risks
On-Site 2nd Floor Residential Receptors (6.7 meter receptor heights)
30-Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

	Infant/Child			Adult
Age -->	3rd Trimester	0 - <2	2 - <16	16 - 30
Parameter				
ASF	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
ED =	0.25	2	14	14
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates

Road Traffic Cancer Risk by Year - Maximum Impact Receptor Location

				Maximum - Exposure Information				Cancer Risk (per million)			
				Age	Annual TAC Conc (ug/m3)						
Exposure Year	Year	Exposure Duration (years)	Age	Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	Total
0	2019	0.25	-0.25 - 0*	10	0.0019	0.0896	0.1567	0.025	0.007	0.001	0.03
1	2019	1	1	10	0.0019	0.0896	0.1567	0.31	0.084	0.009	0.40
2	2020	1	2	10	0.0019	0.0896	0.1567	0.31	0.084	0.009	0.40
3	2021	1	3	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
4	2022	1	4	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
5	2023	1	5	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
6	2024	1	6	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
7	2025	1	7	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
8	2026	1	8	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
9	2027	1	9	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
10	2028	1	10	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
11	2029	1	11	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
12	2030	1	12	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
13	2031	1	13	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
14	2032	1	14	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
15	2033	1	15	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
16	2034	1	16	3	0.0019	0.0896	0.1567	0.05	0.013	0.001	0.06
17	2035	1	17	1	0.0019	0.0896	0.1567	0.01	0.0015	0.000	0.007
18	2036	1	18	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
19	2037	1	19	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
20	2038	1	20	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
21	2039	1	21	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
22	2040	1	22	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
23	2041	1	23	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
24	2042	1	24	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
25	2043	1	25	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
26	2044	1	26	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
27	2045	1	27	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
28	2046	1	28	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
29	2047	1	29	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
30	2048	1	30	1	0.0019	0.0896	0.1567	0.01	0.001	0.000	0.007
Total Increased Cancer Risk			**Total**					1.38	0.381	0.039	**1.8**

* Third trimester of pregnancy

Bay Area Air Quality Management District

Roadway Screening Analysis Calculator

County specific tables containing estimates of risk and hazard impacts from roadways in the Bay Area.

INSTRUCTIONS:

Input the site-specific characteristics of your project by using the drop down menu in the "Search Parameter" box. We recommend that this analysis be used for roadways with 10,000 AADT and above.

• County: Select the County where the project is located. The calculator is only applicable for projects within the nine Bay Area counties.

• Roadway Direction: Select the orientation that best matches the roadway. If the roadway orientation is neither clearly north-south nor east-west, use the highest values predicted from either orientation.

• Side of the Roadway: Identify on which side of the roadway the project is located.

• Distance from Roadway: Enter the distance in feet from the nearest edge of the roadway to the project site. The calculator estimates values for distances greater than 10 feet and less than 1000 feet. For distances greater than 1000 feet, the user can choose to extrapolate values using a distribution curve or apply 1000 feet values for greater distances.

• Annual Average Daily Traffic (ADT): Enter the annual average daily traffic on the roadway. These data may be collected from the city or the county (if the area is unincorporated).

When the user has completed the data entries, the screening level PM2.5 annual average concentration and the cancer risk results will appear in the Results Box on the right. Please note that the roadway tool is not applicable for California State Highways and the District refers the user to the Highway Screening Analysis Tool at: http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx.

Notes and References listed below the Search Boxes

Search Parameters

County	Alameda	
Roadway Direction	North-South	
Side of the Roadway	East	
Distance from Roadway	460	feet
Annual Average Daily Traffic (ADT)	30,000	

Results

Alameda County

NORTH-SOUTH DIRECTIONAL ROADWAY

PM2.5 annual average

0.097 ($\mu g/m^3$)

Cancer Risk

4.91 (per million)

Broadway

Data for Alameda County based on meteorological data collected from Pleasanton in 2005

Adjusted for 2015 OEHHA and EMFAC2014 for 2018

3.37

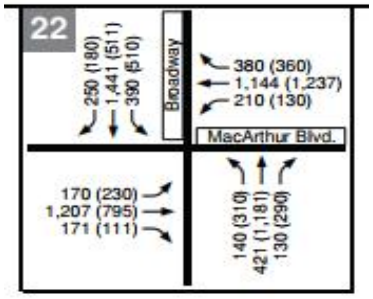
(per million)

Note that EMFAC2014 predicts DSL PM2.5 aggragate rates in 2018 that are 46% of EMFAC2011 for 2014. TOG gasoline rates are 56% of EMFAC2011 year 2014 rates. This is for light- and medium-duty vehciles traveling at 30 mph for Bay Area

Notes and References:

1. Emissions were developed using EMFAC2011 for fleet mix in 2014 assuming 10,000 AADT and includes impacts from diesel and gasoline vehicle exhaust, brake and tire wear, and resuspended dust.
2. Roadways were modeled using ~~CALINE4~~ Cal3qhcr air dispersion model assuming a source length of one kilometer. Meteorological data used to estimate the screening values are noted at the bottom of the "Results" box.
3. Cancer risks were estimated for 70 year lifetime exposure starting in 2014 that includes sensitivity values for early life exposures and OEHHA toxicity values adopted in 2013.

Traffic for Mac Arthur and Broadway



Mac Arthur & Broadway

Mac Arthur				35ft
	WB	EB	ADT	
AM	1734	1727		
PM	1727	1595	33,915	
Broadway	NB	SB		460ft
AM	971	2080		
PM	1771	1201	30,115	

Source: Mac Arthur Transit Village Draft EIR
http://www2.oaklandnet.com/Government/o/PBN/OurServices/Application/DOWD009157
http://www2.oaklandnet.com/oakca1/groups/ceda/documents/agenda/oak061245.pdf

Traffic Impacts for I-580

Interstate 580
Link 926 (6ft elevation)

	PM2.5	Risk	Chron.HI	Acute.HI
10 ft S	0.514	55.48	0.057	0.051
25 ft S	0.382	41.63	0.043	0.042
50 ft S	0.263	28.995	0.029	0.033
75 ft S	0.195	21.777	0.022	0.027
100 ft S	0.151	17.05	0.017	0.024
200 ft S	0.068	8.003	0.008	0.018
300 ft S	0.039	4.623	0.004	0.014
400 ft S	0.025	3.031	0.002	0.012
500 ft S	0.018	2.187	0.002	0.011
750 ft S	0.009	1.204	0.001	0.007
1000 ft S	0.006	0.77	0	0.005
10 ft N	1.001	106.011	0.111	0.045
25 ft N	0.801	85.111	0.089	0.04
50 ft N	0.589	62.877	0.065	0.033
75 ft N	0.457	48.943	0.051	0.029
100 ft N	0.366	39.375	0.04	0.025
200 ft N	0.182	19.983	0.02	0.016
300 ft N	0.11	12.216	0.012	0.014
400 ft N	0.074	8.33	0.008	0.012
500 ft N	0.053	6.064	0.006	0.01
750 ft N	**0.028**	**3.279**	**0.003**	**0.006**
1000 ft N	0.017	2.075	0.002	0.005

with 2015 OEHHA	**750 ft N**	**0.028**	**4.5067**	**0.003**	**0.006**

Attachment 4: Stationary Source Screening Calculations

Bay Area Air Quality Management District

Risk & Hazard Stationary Source Inquiry Form

This form is required when users request stationary source data from BAAQMD. This form is to be used with the B

For guidance on conducting a risk & hazard screening, including for roadways & freeways, refer to the District's Risk

Table A: Requestor Contact Information	
Contact Name:	James Reyff
Affiliation:	Illingworth & Rodkin, Inc.
Phone:	707-794-0400x24
Email:	jreyff@illingworthrodkin.com
Date of Request	9/25/2017
Project Name:	230-240 Mac Arthur
Address:	230-240 Mac Arthur
City:	Oakland
County:	Alameda
Type (residential, commercial, mixed use, industrial, etc.):	Residential
Project size (# of units, or building square feet):	
Comments:	
Need emissions data for #1529 Kaiser	

For Air District assistance, t
Complete all the contact an
Download and install the fre
source application files fror
The small points on the map
gas stations, dry cleaners, b
preliminary estimated cance
Find the project site in Goog
Using the Google Earth rule
within 1,000 feet of the pro
the Google Earth address se
information in Step 9).
If the stationary source is w
PM2.5 concentration, and ir
Note that a small percentag
noted by an asterisk next to
further.
Email this completed form t
information or data are not
Note that a public records r
Submit forms, maps, and q

Table B: Stationary Sources within 1,000 feet of Receptor that say "Contact District Staff"

Table B Section 1: Requestor fills out these columns based on Google Earth data				Table B Section 2: BAAQMD returns form with additional information in these columns as needed							
Distance from Receptor (feet)	**Plant # or Gas Dispensary #**	**Facility Name**	**Street Address**	**2012 Screening Level Cancer Risk (1)**	**2012 Screening Level Hazard Index (1)**	**2012 Screening Level PM2.5 (1)**	**Adjusted 2015 Cancer Risk**	**Source Type**	**Distance Multiplier**	**Cancer Risk at Receptor**	**PM2.5 Level at Receptor**
580	1529	Kaiser Permanente Medical Center	280 W. Mac Arthur Blvd	395.19	0.156	1.540	543.15	Generators and boilers	0.10	see below	0.15
985	19199	Soma Environmental Eng, Inc	3820 Manila Ave	0.17	0.000	0.000	0.23	unknown	0.05	0.01	0.00
700	G539	Broadway Express Gas	3810 Broadway	13.432	0.020	0.000	18.46	GDF	0.03	0.50	0.00
580	1529	Kaiser Permanente Medical Center	280 W. Mac Arthur Blvd			from diesel Generators	26.22		0.10	2.62	
						from SBs	0.69		1	0.69	
						from Thermal Fluid Heaters	0.01		1	0.01	
						from Space Heat Boiler	0.58		1	0.58	

No risk: 10881 12420

		Benzene	41	7.30E-05	Benzene	5.02E-03
		Formaldehyde	124	6.04E-06	Formaldehyde	4.16E-04
		Organics (other, including	990	3.52E-03	Organics (other, including	
23	Emergency Standby Diesel Ge	Arsenic (all)	1030	6.36E-08	Arsenic (all)	1.53E-06
		Beryllium (all) pollutant	1040	3.73E-08	Beryllium (all) pollutant	8.96E-07
		Cadmium	1070	1.59E-07	Cadmium	3.83E-06
		Chromium (hexavalent)	1095	3.29E-09	Chromium (hexavalent)	7.92E-08
		Lead (all) pollutant	1140	1.35E-07	Lead (all) pollutant	3.24E-06
		Manganese	1160	2.12E-07	Manganese	
		Nickel pollutant	1180	2.57E-06	Nickel pollutant	6.19E-05
		Mercury (all) pollutant	1190	4.49E-08	Mercury (all) pollutant	
		Diesel Engine Exhaust Part	1350	7.01E-04	Diesel Engine Exhaust Part	1.69E-02
		PAH's (non-speciated)	1840	3.35E-07	PAH's (non-speciated)	7.23E-06
		Nitrous Oxide (N2O)	2030	1.96E-05	Nitrous Oxide (N2O)	
		Nitrogen Oxides (part not	2990	5.14E-02	Nitrogen Oxides (part not	
		Sulfur Dioxide (SO2)	3990	2.38E-05	Sulfur Dioxide (SO2)	
		Carbon Monoxide (CO) pollu	4990	1.12E-02	Carbon Monoxide (CO) pollu	
		Carbon Dioxide, non-biogen	6960	2.44E+00	Carbon Dioxide, non-biogen	
		Methane (CH4)	6970	9.78E-05	Methane (CH4)	
		Benzene	41	1.82E-04	PM	1.69E-02
		Formaldehyde	124	1.51E-05		
25	Emergency Standby Diesel Ge	Organics (other, including	990	8.81E-03		
	C22BG098	Arsenic (all)	1030	1.59E-07		
		Beryllium (all) pollutant	1040	9.32E-08		
		Cadmium	1070	3.97E-07		
		Chromium (hexavalent)	1095	8.22E-09		
		Lead (all) pollutant	1140	3.37E-07		
		Manganese	1160	5.29E-07		
		Nickel pollutant	1180	6.43E-06		
		Mercury (all) pollutant	1190	1.12E-07		
		Diesel Engine Exhaust Part	1350	1.75E-03		
		PAH's (non-speciated)	1840	8.38E-07		
		Nitrous Oxide (N2O)	2030	4.89E-05		
		Nitrogen Oxides (part not	2990	1.28E-01		
		Sulfur Dioxide (SO2)	3990	5.96E-05		
		Carbon Monoxide (CO) pollu	4990	2.79E-02		
		Carbon Dioxide, non-biogen	6960	6.11E+00		
		Methane (CH4)	6970	2.44E-04		
		Benzene	41	1.82E-04		
		Formaldehyde	124	1.51E-05		
26	Emergency Standby Diesel Ge	Organics (other, including	990	8.81E-03		
	C22AG098	Arsenic (all)	1030	1.59E-07		
		Beryllium (all) pollutant	1040	9.32E-08		
		Cadmium	1070	3.97E-07		
		Chromium (hexavalent)	1095	8.22E-09		
		Lead (all) pollutant	1140	3.37E-07		
		Manganese	1160	5.29E-07		
		Nickel pollutant	1180	6.43E-06		
		Mercury (all) pollutant	1190	1.12E-07		
		Diesel Engine Exhaust Part	1350	1.75E-03		
		Nitrous Oxide (N2O)	2030	4.89E-05		
		Nitrogen Oxides (part not	2990	1.28E-01		
		Sulfur Dioxide (SO2)	3990	5.96E-05		
		Carbon Monoxide (CO) pollu	4990	2.79E-02		
		Carbon Dioxide, non-biogen	6960	6.11E+00		
		Methane (CH4)	6970	2.44E-04		
		Benzene	41	1.85E-04		
		Formaldehyde	124	1.51E-05		
27	Emergency Standby Diesel Ge	Organics (other, including	990	1.01E-02		
	C24AG098	Arsenic (all)	1030	1.59E-07		
		Beryllium (all) pollutant	1040	9.32E-08		
		Cadmium	1070	3.97E-07		
		Chromium (hexavalent)	1095	8.22E-09		
		Lead (all) pollutant	1140	3.37E-07		
		Manganese	1160	5.29E-07		
		Nickel pollutant	1180	6.43E-06		
		Mercury (all) pollutant	1190	1.12E-07		
		Diesel Engine Exhaust Part	1350	1.75E-03		
		PAH's (non-speciated)	1840	8.38E-07		
		Nitrous Oxide (N2O)	2030	4.89E-05		
		Nitrogen Oxides (part not	2990	1.28E-01		
		Sulfur Dioxide (SO2)	3990	5.96E-05		
		Carbon Monoxide (CO) pollu	4990	2.79E-02		
		Carbon Dioxide, non-biogen	6960	6.11E+00		
		Methane (CH4)	6970	2.44E-04		
		Benzene	41	1.82E-04		
		Formaldehyde	124	1.51E-05		
28	Emergency Standby Diesel Ge	Organics (other, including	990	8.81E-03		
	C22AG098	Arsenic (all)	1030	1.59E-07		
		Beryllium (all) pollutant	1040	9.32E-08		
		Cadmium	1070	3.97E-07		
		Chromium (hexavalent)	1095	8.22E-09		
		Lead (all) pollutant	1140	3.37E-07		
		Manganese	1160	5.29E-07		
		Nickel pollutant	1180	6.43E-06		
		Mercury (all) pollutant	1190	1.12E-07		
		Diesel Engine Exhaust Part	1350	1.75E-03		
		PAH's (non-speciated)	1840	8.38E-07		
		Nitrous Oxide (N2O)	2030	4.89E-05		
		Nitrogen Oxides (part not	2990	1.28E-01		
		Sulfur Dioxide (SO2)	3990	5.96E-05		
		Carbon Monoxide (CO) pollu	4990	2.79E-02		
		Carbon Dioxide, non-biogen	6960	6.11E+00		

		Benzene	41	1.02E-03
		Formaldehyde	124	8.45E-05
37	Emergency Standby Diesel Ge	Organics (other, including	990	1.43E-02
	C22BG098	Arsenic (all)	1030	1.78E-07
		Beryllium (all) pollutant	1040	1.04E-07
		Cadmium	1070	4.45E-07
		Chromium (hexavalent)	1095	9.21E-09
		Lead (all) pollutant	1140	3.77E-07
		Manganese	1160	5.92E-07
		Nickel pollutant	1180	7.20E-06
		Mercury (all) pollutant	1190	1.26E-07
		Diesel Engine Exhaust Part	1350	2.09E-03
		PAH's (non-speciated)	1840	9.39E-07
		Nitrous Oxide (N2O)	2030	5.47E-04
		Nitrogen Oxides (part not	2990	5.87E-01
		Sulfur Dioxide (SO2)	3990	6.67E-04
		Carbon Monoxide (CO) pollu	4990	7.96E-02
		Carbon Dioxide, non-biogen	6960	6.85E+01
		Methane (CH4)	6970	1.37E-03
		Benzene	41	1.02E-03
		Formaldehyde	124	8.45E-05
38	Emergencvy Standby Diesel G	Organics (other, including	990	1.43E-02
	C22BG098	Arsenic (all)	1030	1.78E-07
		Beryllium (all) pollutant	1040	1.04E-07
		Cadmium	1070	4.45E-07
		Chromium (hexavalent)	1095	9.21E-09
		Lead (all) pollutant	1140	3.77E-07
		Manganese	1160	5.92E-07
		Nickel pollutant	1180	7.20E-06
		Mercury (all) pollutant	1190	1.26E-07
		Diesel Engine Exhaust Part	1350	2.09E-03
		PAH's (non-speciated)	1840	9.39E-07
		Nitrous Oxide (N2O)	2030	5.47E-04
		Nitrogen Oxides (part not	2990	5.87E-01
		Sulfur Dioxide (SO2)	3990	6.67E-04
		Carbon Monoxide (CO) pollu	4990	7.96E-02
		Carbon Dioxide, non-biogen	6960	6.85E+01
		Methane (CH4)	6970	1.37E-03
		Benzene	41	1.02E-03
		Formaldehyde	124	8.45E-05
39	Emergency Standby Diesel Ge	Organics (other, including	990	1.43E-02
	C22BG098	Arsenic (all)	1030	1.78E-07
		Beryllium (all) pollutant	1040	1.04E-07
		Cadmium	1070	4.45E-07
		Chromium (hexavalent)	1095	9.21E-09
		Lead (all) pollutant	1140	3.77E-07
		Manganese	1160	5.92E-07
		Nickel pollutant	1180	7.20E-06
		Mercury (all) pollutant	1190	1.26E-07
		Diesel Engine Exhaust Part	1350	2.09E-03
		PAH's (non-speciated)	1840	9.39E-07
		Nitrous Oxide (N2O)	2030	5.47E-04
		Nitrogen Oxides (part not	2990	5.87E-01
		Sulfur Dioxide (SO2)	3990	6.67E-04
		Carbon Monoxide (CO) pollu	4990	7.96E-02
		Carbon Dioxide, non-biogen	6960	6.85E+01
		Methane (CH4)	6970	1.37E-03
		Benzene	41	1.02E-03
		Formaldehyde	124	8.45E-05
40	Emergency Standby Diesel Ge	Organics (other, including	990	1.43E-02
	C22BG098	Arsenic (all)	1030	1.78E-07
		Beryllium (all) pollutant	1040	1.04E-07
		Cadmium	1070	4.45E-07
		Chromium (hexavalent)	1095	9.21E-09
		Lead (all) pollutant	1140	3.77E-07
		Manganese	1160	5.92E-07
		Nickel pollutant	1180	7.20E-06
		Mercury (all) pollutant	1190	1.26E-07
		Diesel Engine Exhaust Part	1350	2.09E-03
		PAH's (non-speciated)	1840	9.39E-07
		Nitrous Oxide (N2O)	2030	5.47E-04
		Nitrogen Oxides (part not	2990	5.87E-01
		Sulfur Dioxide (SO2)	3990	6.67E-04
		Carbon Monoxide (CO) pollu	4990	7.96E-02
		Carbon Dioxide, non-biogen	6960	6.85E+01
		Methane (CH4)	6970	1.37E-03
		Benzene	41	1.37E-04
		Formaldehyde	124	1.13E-05
50	Emergency Standby Diesel Ge	Organics (other, including	990	1.16E-03
	C22AG098	Arsenic (all)	1030	1.19E-07
		Beryllium (all) pollutant	1040	6.99E-08
		Cadmium	1070	2.98E-07
		Chromium (hexavalent)	1095	6.16E-09
		Lead (all) pollutant	1140	2.53E-07
		Manganese	1160	3.97E-07
		Nickel pollutant	1180	4.82E-06
		Mercury (all) pollutant	1190	8.42E-08
		Diesel Engine Exhaust Part	1350	8.73E-04
		PAH's (non-speciated)	1840	6.29E-07
		Nitrous Oxide (N2O)	2030	3.67E-05
		Nitrogen Oxides (part not	2990	2.49E-02
		Sulfur Dioxide (SO2)	3990	4.47E-05
		Carbon Monoxide (CO) pollu	4990	3.64E-03
		Carbon Dioxide, non-biogen	6960	4.58E+00
		Methane (CH4)	6970	1.83E-04

Plant #: 17728 - Frys Electronics
Plant Name: Kaiser Permanente - Generators
Number of Sources: 1

Pollutant Name	Emissions/lbs per day	Cancer Risk (in millions)
ACETALDEHYDE		0.00E+00
ACETAMIDE		0.00E+00
ACRYLAMIDE		0.00E+00
ACRYLONITRILE		0.00E+00
ALLYL CHLORIDE		0.00E+00
2-AMINOANTHRAQUINONE		0.00E+00
ANILINE		0.00E+00
ARSENIC AND COMPOUNDS (INORGANIC)[1,2]	1.53E-06	7.73E-08
ASBESTOS [3]		0.00E+00
BENZENE[1]	5.02E-03	4.85E-07
BENZIDINE (AND ITS SALTS) values also apply to:		0.00E+00
Benzidine based dyes		0.00E+00
Direct Black 38		0.00E+00
Direct Blue 6		0.00E+00
Direct Brown 95 (technical grade)		0.00E+00
BENZYL CHLORIDE		0.00E+00
BERYLLIUM AND COMPOUNDS[2]	8.96E-07	6.96E-09
BIS(2-CHLOROETHYL)ETHER (Dichloroethyl ether)		0.00E+00
BIS(CHLOROMETHYL)ETHER		0.00E+00
POTASSIUM BROMATE		0.00E+00
1,3-BUTADIENE		0.00E+00
CADMIUM AND COMPOUNDS[2]	3.83E-06	5.31E-08
CARBON TETRACHLORIDE[1] (Tetrachloromethane)		0.00E+00
CHLORINATED PARAFFINS		0.00E+00
4-CHLORO-O-PHENYLENEDIAMINE		0.00E+00
CHLOROFORM[1]		0.00E+00
PENTACHLOROPHENOL		0.00E+00
2,4,6-TRICHLOROPHENOL		0.00E+00
p-CHLORO-o-TOLUIDINE		0.00E+00
CHROMIUM 6+2	7.92E-08	3.74E-08
Barium chromate2		0.00E+00
Calcium chromate2		0.00E+00
Lead chromate2		0.00E+00
Sodium dichromate2		0.00E+00
Strontium chromate2		0.00E+00
CHROMIC TRIOXIDE (as chromic acid mist)		0.00E+00
p-CRESIDINE		0.00E+00
CUPFERRON		0.00E+00
2,4-DIAMINOANISOLE		0.00E+00
2,4-DIAMINOTOLUENE		0.00E+00
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)		0.00E+00
1,4-DICHLOROBENZENE		0.00E+00
3,3-DICHLOROBENZIDINE		0.00E+00
1,1,-DICHLOROETHANE (Ethylidene dichloride)		0.00E+00
DI(2-ETHYLHEXYL)PHTHALATE (DEHP)		0.00E+00
p-DIMETHYLAMINOAZOBENZENE		0.00E+00
2,4-DINITROTOLUENE		0.00E+00
1,4-DIOXANE (1,4-Diethylene dioxide)		0.00E+00
EPICHLOROHYDRIN (1-Chloro-2,3-epoxypropane)		0.00E+00
ETHYL BENZENE		0.00E+00
ETHYLENE DIBROMIDE (1,2-Dibromoethane)		0.00E+00
ETHYLENE DICHLORIDE (1,2-Dichloroethane)		0.00E+00
ETHYLENE OXIDE (1,2-Epoxyethane)		0.00E+00
ETHYLENE THIOUREA		0.00E+00
FORMALDEHYDE	4.16E-04	8.43E-09
HEXACHLOROBENZENE		0.00E+00
HEXACHLOROCYCLOHEXANES (mixed or technical grade)		0.00E+00

alpha-HEXACHLOROCYCLOHEXANE		0.00E+00
beta- HEXACHLOROCYCLOHEXANE		0.00E+00
gamma-HEXACHLOROCYCLOHEXANE (Lindane)		0.00E+00
HYDRAZINE		0.00E+00
LEAD AND COMPOUNDS 2,4 (inorganic) values also apply to:	3.24E-06	3.71E-10
Lead acetate2		0.00E+00
Lead phosphate2		0.00E+00
Lead subacetate2		0.00E+00
METHYL tertiary-BUTYL ETHER		0.00E+00
4,4'-METHYLENE BIS (2-CHLOROANILINE) (MOCA)		0.00E+00
METHYLENE CHLORIDE (Dichloromethane)		0.00E+00
4,4'-METHYLENE DIANILINE (AND ITS DICHLORIDE)		0.00E+00
MICHLER'S KETONE (4,4'-Bis(dimethylamino)benzophenone)		0.00E+00
N-NITROSODI-n-BUTYLAMINE		0.00E+00
N-NITROSODI-n-PROPYLAMINE		0.00E+00
N-NITROSODIETHYLAMINE		0.00E+00
N-NITROSODIMETHYLAMINE		0.00E+00
N-NITROSODIPHENYLAMINE		0.00E+00
N-NITROSO-N-METHYLETHYLAMINE		0.00E+00
N-NITROSOMORPHOLINE		0.00E+00
N-NITROSOPIPERIDINE		0.00E+00
N-NITROSOPYRROLIDINE		0.00E+00
NICKEL AND COMPOUNDS2 (values also apply to:)	6.19E-05	5.22E-08
Nickel acetate2		0.00E+00
Nickel carbonate2		0.00E+00
Nickel carbonyl2		0.00E+00
Nickel hydroxide2		0.00E+00
Nickelocene2		0.00E+00
NICKEL OXIDE2		0.00E+00
Nickel refinery dust from the pyrometallurgical process2		0.00E+00
Nickel subsulfide2		0.00E+00
p-NITROSODIPHENYLAMINE		0.00E+00
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES	1.69E-02	1.80E-05
PERCHLOROETHYLENE (Tetrachloroethylene)		0.00E+00
PCB (POLYCHLORINATED BIPHENYLS) [low risk] 2,6		0.00E+00
PCB (POLYCHLORINATED BIPHENYLS) [high risk] 2,6		0.00E+00
POLYCHLORINATED DIBENZO-P-DIOXINS (PCDD)(AS 2,3,7,8-PCDD EQUIV) 2,7		0.00E+00
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN2,7		0.00E+00
POLYCHLORINATED DIBENZOFURANS (PCDF)(AS 2,3,7,8-PCDD EQUIV) 2,7		0.00E+00
2,3,7,8-TETRACHLORODIBENZOFURAN2,7		0.00E+00
POLYCYCLIC AROMATIC HYDROCARBON2 (PAH) (AS B(a)P-EQUIV)5	7.23E-06	3.81E-07
BENZO(A)PYRENE2,5		0.00E+00
NAPHTHALENE		0.00E+00
1,3-PROPANE SULTONE		0.00E+00
PROPYLENE OXIDE		0.00E+00
1,1,2,2-TETRACHLOROETHANE		0.00E+00
THIOACETAMIDE		0.00E+00
Toluene diisocyantates		0.00E+00
TOLUENE-2,4-DIISOCYANATE		0.00E+00
TOLUENE-2,6-DIISOCYANATE		0.00E+00
1,1,2-TRICHLOROETHANE (Vinyl trichloride)		0.00E+00
TRICHLOROETHYLENE		0.00E+00
URETHANE (Ethyl carbamate)		0.00E+00
VINYL CHLORIDE (Chloroethylene)		0.00E+00
	TOTAL:	1.91E-05

		Benzene	41	5.92E-06	Benzene	4.47E-05
		Formaldehyde	124	1.81E-05	Formaldehyde	4.37E-04
		Organics (other, including	990	3.05E-04	Organics (other, including	
		Arsenic (all)	1030	1.91E-07	Arsenic (all)	1.15E-06
12	SB-2	Beryllium (all) pollutant	1040	1.12E-07	Beryllium (all) pollutant	6.72E-07
13	SB-3	Cadmium	1070	4.77E-07	Cadmium	2.86E-06
14	SB-4	Chromium (hexavalent)	1095	9.86E-09	Chromium (hexavalent)	5.92E-08
15	SB-6	Lead (all) pollutant	1140	4.04E-07	Lead (all) pollutant	2.42E-06
16	SB-7	Manganese	1160	6.35E-07	Manganese	
17	SB-8	Nickel pollutant	1180	7.71E-06	Nickel pollutant	4.63E-05
		Mercury (all) pollutant	1190	1.35E-07	Mercury (all) pollutant	
		PAH's (non-speciated)	1840	1.01E-06	Diesel Engine Exhaust Part	
		Particulates (part not spe	1990	6.57E-04	PAH's (non-speciated)	6.06E-06
		Nitrous Oxide (N2O)	2030	5.87E-05	Nitrous Oxide (N2O)	
		Nitrogen Oxides (part not	2990	6.58E-03	Nitrogen Oxides (part not	
		Sulfur Dioxide (SO2)	3990	9.53E-03	Sulfur Dioxide (SO2)	
		Carbon Monoxide (CO) pollu	4990	1.64E-03	Carbon Monoxide (CO) pollu	
		Carbon Dioxide, non-biogen	6960	7.33E+00	Carbon Dioxide, non-biogen	
		Methane (CH4)	6970	2.93E-04	Methane (CH4)	
		Benzene	41	1.53E-06	PM	1.71E-02
		Formaldehyde	124	5.48E-05		
		Toluene	293	2.48E-06		
		Organics (other, including	990	4.33E-03		
		Particulates (part not spe	1990	2.19E-03		
		Nitrous Oxide (N2O)	2030	1.69E-04		
		Nitrogen Oxides (part not	2990	7.31E-02		
		Sulfur Dioxide (SO2)	3990	4.15E-04		
		Carbon Monoxide (CO) pollu	4990	1.24E-02		
		Carbon Dioxide, non-biogen	6960	8.95E+01		
		Methane (CH4)	6970	1.39E-03		
		Sulfur Dioxide (SO2)	3990	4.15E-04		
		Carbon Monoxide (CO) pollu	4990	1.24E-02		
		Carbon Dioxide, non-biogen	6960	8.95E+01		
		Methane (CH4)	6970	1.39E-03		

Plant #: 17728 - Frys Electronics
Plant Name: Kaiser Permanente - SBs
Number of Sources: 1

Pollutant Name	Emissions/lbs per day	Cancer Risk (in millions)
ACETALDEHYDE		0.00E+00
ACETAMIDE		0.00E+00
ACRYLAMIDE		0.00E+00
ACRYLONITRILE		0.00E+00
ALLYL CHLORIDE		0.00E+00
2-AMINOANTHRAQUINONE		0.00E+00
ANILINE		0.00E+00
ARSENIC AND COMPOUNDS (INORGANIC)[1,2]	1.15E-06	5.79E-08
ASBESTOS [3]		0.00E+00
BENZENE[1]	4.47E-05	4.31E-09
BENZIDINE (AND ITS SALTS) values also apply to:		0.00E+00
Benzidine based dyes		0.00E+00
Direct Black 38		0.00E+00
Direct Blue 6		0.00E+00
Direct Brown 95 (technical grade)		0.00E+00
BENZYL CHLORIDE		0.00E+00
BERYLLIUM AND COMPOUNDS[2]	6.72E-07	5.22E-09
BIS(2-CHLOROETHYL)ETHER (Dichloroethyl ether)		0.00E+00
BIS(CHLOROMETHYL)ETHER		0.00E+00
POTASSIUM BROMATE		0.00E+00
1,3-BUTADIENE		0.00E+00
CADMIUM AND COMPOUNDS[2]	2.86E-06	3.97E-08
CARBON TETRACHLORIDE[1] (Tetrachloromethane)		0.00E+00
CHLORINATED PARAFFINS		0.00E+00
4-CHLORO-O-PHENYLENEDIAMINE		0.00E+00
CHLOROFORM[1]		0.00E+00
PENTACHLOROPHENOL		0.00E+00
2,4,6-TRICHLOROPHENOL		0.00E+00
p-CHLORO-o-TOLUIDINE		0.00E+00
CHROMIUM 6+2	5.92E-08	2.80E-08
Barium chromate2		0.00E+00
Calcium chromate2		0.00E+00
Lead chromate2		0.00E+00
Sodium dichromate2		0.00E+00
Strontium chromate2		0.00E+00
CHROMIC TRIOXIDE (as chromic acid mist)		0.00E+00
p-CRESIDINE		0.00E+00
CUPFERRON		0.00E+00
2,4-DIAMINOANISOLE		0.00E+00
2,4-DIAMINOTOLUENE		0.00E+00
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)		0.00E+00
1,4-DICHLOROBENZENE		0.00E+00
3,3-DICHLOROBENZIDINE		0.00E+00
1,1,-DICHLOROETHANE (Ethylidene dichloride)		0.00E+00
DI(2-ETHYLHEXYL)PHTHALATE (DEHP)		0.00E+00
p-DIMETHYLAMINOAZOBENZENE		0.00E+00
2,4-DINITROTOLUENE		0.00E+00
1,4-DIOXANE (1,4-Diethylene dioxide)		0.00E+00
EPICHLOROHYDRIN (1-Chloro-2,3-epoxypropane)		0.00E+00
ETHYL BENZENE		0.00E+00
ETHYLENE DIBROMIDE (1,2-Dibromoethane)		0.00E+00
ETHYLENE DICHLORIDE (1,2-Dichloroethane)		0.00E+00
ETHYLENE OXIDE (1,2-Epoxyethane)		0.00E+00
ETHYLENE THIOUREA		0.00E+00
FORMALDEHYDE	4.37E-04	8.86E-09
HEXACHLOROBENZENE		0.00E+00
HEXACHLOROCYCLOHEXANES (mixed or technical grade)		0.00E+00

alpha-HEXACHLOROCYCLOHEXANE		0.00E+00
beta- HEXACHLOROCYCLOHEXANE		0.00E+00
gamma-HEXACHLOROCYCLOHEXANE (Lindane)		0.00E+00
HYDRAZINE		0.00E+00
LEAD AND COMPOUNDS 2,4 (inorganic) values also apply to:	2.42E-06	2.77E-10
Lead acetate2		0.00E+00
Lead phosphate2		0.00E+00
Lead subacetate2		0.00E+00
METHYL tertiary-BUTYL ETHER		0.00E+00
4,4'-METHYLENE BIS (2-CHLOROANILINE) (MOCA)		0.00E+00
METHYLENE CHLORIDE (Dichloromethane)		0.00E+00
4,4'-METHYLENE DIANILINE (AND ITS DICHLORIDE)		0.00E+00
MICHLER'S KETONE (4,4'-Bis(dimethylamino)benzophenone)		0.00E+00
N-NITROSODI-n-BUTYLAMINE		0.00E+00
N-NITROSODI-n-PROPYLAMINE		0.00E+00
N-NITROSODIETHYLAMINE		0.00E+00
N-NITROSODIMETHYLAMINE		0.00E+00
N-NITROSODIPHENYLAMINE		0.00E+00
N-NITROSO-N-METHYLETHYLAMINE		0.00E+00
N-NITROSOMORPHOLINE		0.00E+00
N-NITROSOPIPERIDINE		0.00E+00
N-NITROSOPYRROLIDINE		0.00E+00
NICKEL AND COMPOUNDS2 (values also apply to:)	4.63E-05	3.90E-08
Nickel acetate2		0.00E+00
Nickel carbonate2		0.00E+00
Nickel carbonyl2		0.00E+00
Nickel hydroxide2		0.00E+00
Nickelocene2		0.00E+00
NICKEL OXIDE2		0.00E+00
Nickel refinery dust from the pyrometallurgical process2		0.00E+00
Nickel subsulfide2		0.00E+00
p-NITROSODIPHENYLAMINE		0.00E+00
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES		0.00E+00
PERCHLOROETHYLENE (Tetrachloroethylene)		0.00E+00
PCB (POLYCHLORINATED BIPHENYLS) [low risk] 2,6		0.00E+00
PCB (POLYCHLORINATED BIPHENYLS) [high risk] 2,6		0.00E+00
POLYCHLORINATED DIBENZO-P-DIOXINS (PCDD)(AS 2,3,7,8-PCDD EQUIV) 2,7		0.00E+00
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN2,7		0.00E+00
POLYCHLORINATED DIBENZOFURANS (PCDF)(AS 2,3,7,8-PCDD EQUIV) 2,7		0.00E+00
2,3,7,8-TETRACHLORODIBENZOFURAN2,7		0.00E+00
POLYCYCLIC AROMATIC HYDROCARBON2 (PAH) (AS B(a)P-EQUIV)5	6.06E-06	3.20E-07
BENZO(A)PYRENE2,5		0.00E+00
NAPHTHALENE		0.00E+00
1,3-PROPANE SULTONE		0.00E+00
PROPYLENE OXIDE		0.00E+00
1,1,2,2-TETRACHLOROETHANE		0.00E+00
THIOACETAMIDE		0.00E+00
Toluene diisocyantates		0.00E+00
TOLUENE-2,4-DIISOCYANATE		0.00E+00
TOLUENE-2,6-DIISOCYANATE		0.00E+00
1,1,2-TRICHLOROETHANE (Vinyl trichloride)		0.00E+00
TRICHLOROETHYLENE		0.00E+00
URETHANE (Ethyl carbamate)		0.00E+00
VINYL CHLORIDE (Chloroethylene)		0.00E+00
	TOTAL:	5.03E-07

48	Thermal Fluid Heater #1		
	C1350098		
		0	0.00E+00
	C1350189		
	Benzene	41	8.36E-07
	Formaldehyde	124	2.98E-05
	Toluene	293	1.35E-06
	Organics (other, in	990	3.15E-03
	Particulates (part n	1990	3.98E-03
	Nitrous Oxide (N2C	2030	9.19E-05
	Nitrogen Oxides (p	2990	7.16E-04
	Sulfur Dioxide (SO2	3990	2.26E-04
	Carbon Monoxide (	4990	1.47E-03
	Carbon Dioxide, no	6960	4.87E+01
	Methane (CH4)	6970	7.56E-04
49	Thermal Fluid Heater #2		
	C1350098		
		0	0.00E+00
	C1350189		
	Benzene	41	4.83E-06
	Formaldehyde	124	1.72E-04
	Toluene	293	7.82E-06
	Organics (other, in	990	1.82E-02
	Particulates (part n	1990	2.30E-02
	Nitrous Oxide (N2C	2030	5.31E-04
	Nitrogen Oxides (p	2990	4.14E-03
	Sulfur Dioxide (SO2	3990	1.31E-03
	Carbon Monoxide (	4990	8.51E-03
	Carbon Dioxide, no	6960	2.82E+02
	Methane (CH4)	6970	4.37E-03

Benzene	5.67E-06
Formaldehyde	2.02E-04
Organics (other, including	
Arsenic (all)	
Beryllium (all) pollutant	
Cadmium	
Chromium (hexavalent)	
Lead (all) pollutant	
Manganese	
Nickel pollutant	
Mercury (all) pollutant	
Diesel Engine Exhaust Part	
PAH's (non-speciated)	
Nitrous Oxide (N2O)	
Nitrogen Oxides (part not	
Sulfur Dioxide (SO2)	
Carbon Monoxide (CO) pollu	
Carbon Dioxide, non-biogen	
Methane (CH4)	
PM	2.70E-02

Plant #: 17728 - Frys Electronics
Plant Name: Kaiser Permanente - Thermal Fluid
Number of Sources: 1

Pollutant Name	Emissions/lbs per day	Cancer Risk (in millions)
ACETALDEHYDE		0.00E+00
ACETAMIDE		0.00E+00
ACRYLAMIDE		0.00E+00
ACRYLONITRILE		0.00E+00
ALLYL CHLORIDE		0.00E+00
2-AMINOANTHRAQUINONE		0.00E+00
ANILINE		0.00E+00
ARSENIC AND COMPOUNDS (INORGANIC)[1,2]		0.00E+00
ASBESTOS [3]		0.00E+00
BENZENE[1]	5.67E-06	5.47E-10
BENZIDINE (AND ITS SALTS) values also apply to:		0.00E+00
Benzidine based dyes		0.00E+00
Direct Black 38		0.00E+00
Direct Blue 6		0.00E+00
Direct Brown 95 (technical grade)		0.00E+00
BENZYL CHLORIDE		0.00E+00
BERYLLIUM AND COMPOUNDS[2]		0.00E+00
BIS(2-CHLOROETHYL)ETHER (Dichloroethyl ether)		0.00E+00
BIS(CHLOROMETHYL)ETHER		0.00E+00
POTASSIUM BROMATE		0.00E+00
1,3-BUTADIENE		0.00E+00
CADMIUM AND COMPOUNDS[2]		0.00E+00
CARBON TETRACHLORIDE[1] (Tetrachloromethane)		0.00E+00
CHLORINATED PARAFFINS		0.00E+00
4-CHLORO-O-PHENYLENEDIAMINE		0.00E+00
CHLOROFORM[1]		0.00E+00
PENTACHLOROPHENOL		0.00E+00
2,4,6-TRICHLOROPHENOL		0.00E+00
p-CHLORO-o-TOLUIDINE		0.00E+00
CHROMIUM 6+2		0.00E+00
Barium chromate2		0.00E+00
Calcium chromate2		0.00E+00
Lead chromate2		0.00E+00
Sodium dichromate2		0.00E+00
Strontium chromate2		0.00E+00
CHROMIC TRIOXIDE (as chromic acid mist)		0.00E+00
p-CRESIDINE		0.00E+00
CUPFERRON		0.00E+00
2,4-DIAMINOANISOLE		0.00E+00
2,4-DIAMINOTOLUENE		0.00E+00
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)		0.00E+00
1,4-DICHLOROBENZENE		0.00E+00
3,3-DICHLOROBENZIDINE		0.00E+00
1,1,-DICHLOROETHANE (Ethylidene dichloride)		0.00E+00
DI(2-ETHYLHEXYL)PHTHALATE (DEHP)		0.00E+00
p-DIMETHYLAMINOAZOBENZENE		0.00E+00
2,4-DINITROTOLUENE		0.00E+00
1,4-DIOXANE (1,4-Diethylene dioxide)		0.00E+00
EPICHLOROHYDRIN (1-Chloro-2,3-epoxypropane)		0.00E+00
ETHYL BENZENE		0.00E+00
ETHYLENE DIBROMIDE (1,2-Dibromoethane)		0.00E+00
ETHYLENE DICHLORIDE (1,2-Dichloroethane)		0.00E+00
ETHYLENE OXIDE (1,2-Epoxyethane)		0.00E+00
ETHYLENE THIOUREA		0.00E+00
FORMALDEHYDE	2.02E-04	4.09E-09
HEXACHLOROBENZENE		0.00E+00
HEXACHLOROCYCLOHEXANES (mixed or technical grade)		0.00E+00

alpha-HEXACHLOROCYCLOHEXANE		0.00E+00
beta- HEXACHLOROCYCLOHEXANE		0.00E+00
gamma-HEXACHLOROCYCLOHEXANE (Lindane)		0.00E+00
HYDRAZINE		0.00E+00
LEAD AND COMPOUNDS 2,4 (inorganic) values also apply to:		0.00E+00
Lead acetate2		0.00E+00
Lead phosphate2		0.00E+00
Lead subacetate2		0.00E+00
METHYL tertiary-BUTYL ETHER		0.00E+00
4,4'-METHYLENE BIS (2-CHLOROANILINE) (MOCA)		0.00E+00
METHYLENE CHLORIDE (Dichloromethane)		0.00E+00
4,4'-METHYLENE DIANILINE (AND ITS DICHLORIDE)		0.00E+00
MICHLER'S KETONE (4,4'-Bis(dimethylamino)benzophenone)		0.00E+00
N-NITROSODI-n-BUTYLAMINE		0.00E+00
N-NITROSODI-n-PROPYLAMINE		0.00E+00
N-NITROSODIETHYLAMINE		0.00E+00
N-NITROSODIMETHYLAMINE		0.00E+00
N-NITROSODIPHENYLAMINE		0.00E+00
N-NITROSO-N-METHYLETHYLAMINE		0.00E+00
N-NITROSOMORPHOLINE		0.00E+00
N-NITROSOPIPERIDINE		0.00E+00
N-NITROSOPYRROLIDINE		0.00E+00
NICKEL AND COMPOUNDS2 (values also apply to:)		0.00E+00
Nickel acetate2		0.00E+00
Nickel carbonate2		0.00E+00
Nickel carbonyl2		0.00E+00
Nickel hydroxide2		0.00E+00
Nickelocene2		0.00E+00
NICKEL OXIDE2		0.00E+00
Nickel refinery dust from the pyrometallurgical process2		0.00E+00
Nickel subsulfide2		0.00E+00
p-NITROSODIPHENYLAMINE		0.00E+00
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES		0.00E+00
PERCHLOROETHYLENE (Tetrachloroethylene)		0.00E+00
PCB (POLYCHLORINATED BIPHENYLS) [low risk] 2,6		0.00E+00
PCB (POLYCHLORINATED BIPHENYLS) [high risk] 2,6		0.00E+00
POLYCHLORINATED DIBENZO-P-DIOXINS (PCDD)(AS 2,3,7,8-PCDD EQUIV) 2,7		0.00E+00
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN2,7		0.00E+00
POLYCHLORINATED DIBENZOFURANS (PCDF)(AS 2,3,7,8-PCDD EQUIV) 2,7		0.00E+00
2,3,7,8-TETRACHLORODIBENZOFURAN2,7		0.00E+00
POLYCYCLIC AROMATIC HYDROCARBON2 (PAH) (AS B(a)P-EQUIV)5		0.00E+00
BENZO(A)PYRENE2,5		0.00E+00
NAPHTHALENE		0.00E+00
1,3-PROPANE SULTONE		0.00E+00
PROPYLENE OXIDE		0.00E+00
1,1,2,2-TETRACHLOROETHANE		0.00E+00
THIOACETAMIDE		0.00E+00
Toluene diisocyantates		0.00E+00
TOLUENE-2,4-DIISOCYANATE		0.00E+00
TOLUENE-2,6-DIISOCYANATE		0.00E+00
1,1,2-TRICHLOROETHANE (Vinyl trichloride)		0.00E+00
TRICHLOROETHYLENE		0.00E+00
URETHANE (Ethyl carbamate)		0.00E+00
VINYL CHLORIDE (Chloroethylene)		0.00E+00
	TOTAL:	4.64E-09

42	Space Heat Boiler #1				Benzene	5.17E-04
	C1350189				Formaldehyde	1.85E-02
		Benzene	41	4.39E-07		
		Formaldeh	124	1.57E-05		
		Toluene	293	7.11E-07	PM	7.39E-01
		Organics (c	990	1.66E-03		
		Particulate	1990	2.09E-03		
		Nitrous Oxi	2030	4.83E-05		
		Nitrogen O	2990	3.77E-03		
		Sulfur Diox	3990	1.19E-04		
		Carbon Mo	4990	7.74E-03		
		Carbon Dio	6960	2.56E+01		
		Methane ((	6970	3.98E-04		
43	Space Heat Boiler #2					
	C1340189					
		Benzene	41	5.96E-05		
		Formaldeh	124	2.13E-03		
		Toluene	293	9.64E-05		
		Organics (c	990	1.62E-01		
		Particulate	1990	8.51E-02		
		Nitrous Oxi	2030	6.55E-03		
		Nitrogen O	2990	5.11E-02		
		Sulfur Diox	3990	1.61E-02		
		Carbon Mo	4990	1.05E-01		
		Carbon Dio	6960	3.47E+03		
		Methane ((	6970	5.39E-02		
44	Space Heat Boiler #3					
	C1340189					
		Benzene	41	1.39E-04		
		Formaldeh	124	4.96E-03		
		Toluene	293	2.25E-04		
		Organics (c	990	3.78E-01		
		Particulate	1990	1.98E-01		
		Nitrous Oxi	2030	1.53E-02		
		Nitrogen O	2990	1.19E-01		
		Sulfur Diox	3990	3.76E-02		
		Carbon Mo	4990	2.45E-01		
		Carbon Dio	6960	8.10E+03		
		Methane ((	6970	1.26E-01		
45	Space Heat Boiler #4					
	C1340189					
		Benzene	41	2.00E-04		
		Formaldeh	124	7.16E-03		
		Toluene	293	3.25E-04		
		Organics (c	990	5.46E-01		
		Particulate	1990	2.86E-01		
		Nitrous Oxi	2030	2.20E-02		
		Nitrogen O	2990	1.72E-01		
		Sulfur Diox	3990	5.42E-02		
		Carbon Mo	4990	3.53E-01		
		Carbon Dio	6960	1.17E+04		
		Methane ((	6970	1.81E-01		
46	Space Heat Boiler #5					
	C1340189					
		Benzene	41	1.18E-04		
		Formaldeh	124	4.20E-03		
		Toluene	293	1.90E-04		
		Organics (c	990	3.20E-01		
		Particulate	1990	1.68E-01		
		Nitrous Oxi	2030	1.29E-02		
		Nitrogen O	2990	1.01E-01		
		Sulfur Diox	3990	3.18E-02		
		Carbon Mo	4990	2.07E-01		
		Carbon Dio	6960	6.86E+03		
		Methane ((	6970	1.06E-01		

Plant #: 17728 - Frys Electronics
Plant Name: Kaiser Permanente - Space Heat Boiler
Number of Sources: 1

Pollutant Name	Emissions/lbs per day	Cancer Risk (in millions)
ACETALDEHYDE		0.00E+00
ACETAMIDE		0.00E+00
ACRYLAMIDE		0.00E+00
ACRYLONITRILE		0.00E+00
ALLYL CHLORIDE		0.00E+00
2-AMINOANTHRAQUINONE		0.00E+00
ANILINE		0.00E+00
ARSENIC AND COMPOUNDS (INORGANIC)[1,2]		0.00E+00
ASBESTOS [3]		0.00E+00
BENZENE[1]	5.17E-04	4.99E-08
BENZIDINE (AND ITS SALTS) values also apply to:		0.00E+00
Benzidine based dyes		0.00E+00
Direct Black 38		0.00E+00
Direct Blue 6		0.00E+00
Direct Brown 95 (technical grade)		0.00E+00
BENZYL CHLORIDE		0.00E+00
BERYLLIUM AND COMPOUNDS[2]		0.00E+00
BIS(2-CHLOROETHYL)ETHER (Dichloroethyl ether)		0.00E+00
BIS(CHLOROMETHYL)ETHER		0.00E+00
POTASSIUM BROMATE		0.00E+00
1,3-BUTADIENE		0.00E+00
CADMIUM AND COMPOUNDS[2]		0.00E+00
CARBON TETRACHLORIDE[1] (Tetrachloromethane)		0.00E+00
CHLORINATED PARAFFINS		0.00E+00
4-CHLORO-O-PHENYLENEDIAMINE		0.00E+00
CHLOROFORM[1]		0.00E+00
PENTACHLOROPHENOL		0.00E+00
2,4,6-TRICHLOROPHENOL		0.00E+00
p-CHLORO-o-TOLUIDINE		0.00E+00
CHROMIUM 6+2		0.00E+00
Barium chromate2		0.00E+00
Calcium chromate2		0.00E+00
Lead chromate2		0.00E+00
Sodium dichromate2		0.00E+00
Strontium chromate2		0.00E+00
CHROMIC TRIOXIDE (as chromic acid mist)		0.00E+00
p-CRESIDINE		0.00E+00
CUPFERRON		0.00E+00
2,4-DIAMINOANISOLE		0.00E+00
2,4-DIAMINOTOLUENE		0.00E+00
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)		0.00E+00
1,4-DICHLOROBENZENE		0.00E+00
3,3-DICHLOROBENZIDINE		0.00E+00
1,1,-DICHLOROETHANE (Ethylidene dichloride)		0.00E+00
DI(2-ETHYLHEXYL)PHTHALATE (DEHP)		0.00E+00
p-DIMETHYLAMINOAZOBENZENE		0.00E+00
2,4-DINITROTOLUENE		0.00E+00
1,4-DIOXANE (1,4-Diethylene dioxide)		0.00E+00
EPICHLOROHYDRIN (1-Chloro-2,3-epoxypropane)		0.00E+00
ETHYL BENZENE		0.00E+00
ETHYLENE DIBROMIDE (1,2-Dibromoethane)		0.00E+00
ETHYLENE DICHLORIDE (1,2-Dichloroethane)		0.00E+00
ETHYLENE OXIDE (1,2-Epoxyethane)		0.00E+00
ETHYLENE THIOUREA		0.00E+00
FORMALDEHYDE	1.85E-02	3.74E-07
HEXACHLOROBENZENE		0.00E+00
HEXACHLOROCYCLOHEXANES (mixed or technical grade)		0.00E+00

alpha-HEXACHLOROCYCLOHEXANE		0.00E+00
beta- HEXACHLOROCYCLOHEXANE		0.00E+00
gamma-HEXACHLOROCYCLOHEXANE (Lindane)		0.00E+00
HYDRAZINE		0.00E+00
LEAD AND COMPOUNDS 2,4 (inorganic) values also apply to:		0.00E+00
Lead acetate2		0.00E+00
Lead phosphate2		0.00E+00
Lead subacetate2		0.00E+00
METHYL tertiary-BUTYL ETHER		0.00E+00
4,4'-METHYLENE BIS (2-CHLOROANILINE) (MOCA)		0.00E+00
METHYLENE CHLORIDE (Dichloromethane)		0.00E+00
4,4'-METHYLENE DIANILINE (AND ITS DICHLORIDE)		0.00E+00
MICHLER'S KETONE (4,4'-Bis(dimethylamino)benzophenone)		0.00E+00
N-NITROSODI-n-BUTYLAMINE		0.00E+00
N-NITROSODI-n-PROPYLAMINE		0.00E+00
N-NITROSODIETHYLAMINE		0.00E+00
N-NITROSODIMETHYLAMINE		0.00E+00
N-NITROSODIPHENYLAMINE		0.00E+00
N-NITROSO-N-METHYLETHYLAMINE		0.00E+00
N-NITROSOMORPHOLINE		0.00E+00
N-NITROSOPIPERIDINE		0.00E+00
N-NITROSOPYRROLIDINE		0.00E+00
NICKEL AND COMPOUNDS2 (values also apply to:)		0.00E+00
Nickel acetate2		0.00E+00
Nickel carbonate2		0.00E+00
Nickel carbonyl2		0.00E+00
Nickel hydroxide2		0.00E+00
Nickelocene2		0.00E+00
NICKEL OXIDE2		0.00E+00
Nickel refinery dust from the pyrometallurgical process2		0.00E+00
Nickel subsulfide2		0.00E+00
p-NITROSODIPHENYLAMINE		0.00E+00
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES		0.00E+00
PERCHLOROETHYLENE (Tetrachloroethylene)		0.00E+00
PCB (POLYCHLORINATED BIPHENYLS) [low risk] 2,6		0.00E+00
PCB (POLYCHLORINATED BIPHENYLS) [high risk] 2,6		0.00E+00
POLYCHLORINATED DIBENZO-P-DIOXINS (PCDD)(AS 2,3,7,8-PCDD EQUIV) 2,7		0.00E+00
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN2,7		0.00E+00
POLYCHLORINATED DIBENZOFURANS (PCDF)(AS 2,3,7,8-PCDD EQUIV) 2,7		0.00E+00
2,3,7,8-TETRACHLORODIBENZOFURAN2,7		0.00E+00
POLYCYCLIC AROMATIC HYDROCARBON2 (PAH) (AS B(a)P-EQUIV)5		0.00E+00
BENZO(A)PYRENE2,5		0.00E+00
NAPHTHALENE		0.00E+00
1,3-PROPANE SULTONE		0.00E+00
PROPYLENE OXIDE		0.00E+00
1,1,2,2-TETRACHLOROETHANE		0.00E+00
THIOACETAMIDE		0.00E+00
Toluene diisocyantates		0.00E+00
TOLUENE-2,4-DIISOCYANATE		0.00E+00
TOLUENE-2,6-DIISOCYANATE		0.00E+00
1,1,2-TRICHLOROETHANE (Vinyl trichloride)		0.00E+00
TRICHLOROETHYLENE		0.00E+00
URETHANE (Ethyl carbamate)		0.00E+00
VINYL CHLORIDE (Chloroethylene)		0.00E+00
	TOTAL:	4.24E-07

Plant #: 1529

Plant Name: Kaiser - all sources

Number of Sources:

Diesel PM Concentrations	Emissions (lbs/day)	M2.5 Concentration (ug/m3)
	8.00E-01	1.545039138
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
TOTAL:		1.545039138

Diesel BUG Distance Multiplier

Distance meters	Distance feet	Distance adjustment multiplier	Enter Risk or Hazard	Adjusted Risk or Hazard
25	82	0.85		0
30	98	0.73		0
35	115	0.64		0
40	131	0.58		0
50	164	0.5		0
60	197	0.41		0
70	230	0.31		0
80	262	0.28		0
90	295	0.25		0
100	328	0.22		0
110	361	0.18		0
120	394	0.16		0
130	426	0.15		
140	459	0.14		0
150	492	0.12		0.00E+00
160	525	0.1		0
180	590	0.09		0
200	656	0.08		0
220	722	0.07		0
240	787	0.06		0
260	853	0.05		0
280	918	0.04		0

BAY AREA AIR QUALITY MANAGEMENT DISTRICT Printed: SEP 26, 2017
DETAIL POLLUTANTS - ABATED
MOST RECENT P/O APPROVED (2016)

Kaiser Permanente Medical Center (P# 1529)

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  S#  SOURCE NAME
MATERIAL          SOURCE CODE
  THROUGHPUT            DATE  POLLUTANT                CODE  LBS/DAY
-------------------------------------------------------------------------------
  10  B-1
              C1340098
                                          0  0.00E+00
              C1340189
                                          0  0.00E+00
  12  SB-2
              C1260098
                    Benzene                    41  5.92E-06
                    Formaldehyde               124  1.81E-05
                    Organics (other, including   990  3.05E-04
                    Arsenic (all)             1030  1.91E-07
                    Beryllium (all) pollutant   1040  1.12E-07
                    Cadmium                   1070  4.77E-07
                    Chromium (hexavalent)      1095  9.86E-09
                    Lead (all) pollutant       1140  4.04E-07
                    Manganese                 1160  6.35E-07
                    Nickel pollutant          1180  7.71E-06
                    Mercury (all) pollutant     1190  1.35E-07
                    PAH's (non-speciated)      1840  1.01E-06
                    Particulates (part not spe  1990  6.57E-04
                    Nitrous Oxide (N2O)        2030  5.87E-05
                    Nitrogen Oxides (part not   2990  6.58E-03
                    Sulfur Dioxide (SO2)       3990  9.53E-03
                    Carbon Monoxide (CO) pollu  4990  1.64E-03
                    Carbon Dioxide, non-biogen  6960  7.33E+00
                    Methane (CH4)             6970  2.93E-04
              C1260189
                    Benzene                    41  1.53E-06
                    Formaldehyde               124  5.48E-05
                    Toluene                   293  2.48E-06
                    Organics (other, including   990  4.33E-03
                    Particulates (part not spe  1990  2.19E-03
                    Nitrous Oxide (N2O)        2030  1.69E-04
                    Nitrogen Oxides (part not   2990  7.31E-02
                    Sulfur Dioxide (SO2)       3990  4.15E-04
                    Carbon Monoxide (CO) pollu  4990  1.24E-02
                    Carbon Dioxide, non-biogen  6960  8.95E+01
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Methane (CH4) 6970 1.39E-03

13 SB-3

C1260098

Benzene 41 5.92E-06
Formaldehyde 124 1.81E-05
Organics (other, including 990 3.05E-04
Arsenic (all) 1030 1.91E-07
Beryllium (all) pollutant 1040 1.12E-07
Cadmium 1070 4.77E-07
Chromium (hexavalent) 1095 9.86E-09
Lead (all) pollutant 1140 4.04E-07
Manganese 1160 6.35E-07
Nickel pollutant 1180 7.71E-06
Mercury (all) pollutant 1190 1.35E-07
PAH's (non-speciated) 1840 1.01E-06
Particulates (part not spe 1990 6.57E-04
Nitrous Oxide (N2O) 2030 5.87E-05
Nitrogen Oxides (part not 2990 6.58E-03
Sulfur Dioxide (SO2) 3990 9.53E-03
Carbon Monoxide (CO) pollu 4990 1.64E-03
Carbon Dioxide, non-biogen 6960 7.33E+00
Methane (CH4) 6970 2.93E-04

C1260189

Benzene 41 1.53E-06
Formaldehyde 124 5.48E-05
Toluene 293 2.48E-06
Organics (other, including 990 4.33E-03
Particulates (part not spe 1990 2.19E-03
Nitrous Oxide (N2O) 2030 1.69E-04
Nitrogen Oxides (part not 2990 7.31E-02
Sulfur Dioxide (SO2) 3990 4.15E-04
Carbon Monoxide (CO) pollu 4990 1.24E-02
Carbon Dioxide, non-biogen 6960 8.95E+01
Methane (CH4) 6970 1.39E-03

14 SB-4

C1260098

Benzene 41 5.92E-06
Formaldehyde 124 1.81E-05
Organics (other, including 990 3.05E-04
Arsenic (all) 1030 1.91E-07
Beryllium (all) pollutant 1040 1.12E-07
Cadmium 1070 4.77E-07
Chromium (hexavalent) 1095 9.86E-09
Lead (all) pollutant 1140 4.04E-07
Manganese 1160 6.35E-07
Nickel pollutant 1180 7.71E-06
Mercury (all) pollutant 1190 1.35E-07

PAH's (non-speciated) 1840 1.01E-06
Particulates (part not spe 1990 6.57E-04
Nitrous Oxide (N2O) 2030 5.87E-05
Nitrogen Oxides (part not 2990 6.58E-03
Sulfur Dioxide (SO2) 3990 9.53E-03
Carbon Monoxide (CO) pollu 4990 1.64E-03
Carbon Dioxide, non-biogen 6960 7.33E+00
Methane (CH4) 6970 2.93E-04
C1260189
Benzene 41 1.53E-06
Formaldehyde 124 5.48E-05
Toluene 293 2.48E-06
Organics (other, including 990 4.33E-03
Particulates (part not spe 1990 2.19E-03
Nitrous Oxide (N2O) 2030 1.69E-04
Nitrogen Oxides (part not 2990 7.31E-02
Sulfur Dioxide (SO2) 3990 4.15E-04
Carbon Monoxide (CO) pollu 4990 1.24E-02
Carbon Dioxide, non-biogen 6960 8.95E+01
Methane (CH4) 6970 1.39E-03
15 SB-6
C1260098
Benzene 41 5.92E-06
Formaldehyde 124 1.81E-05
Organics (other, including 990 3.05E-04
Arsenic (all) 1030 1.91E-07
Beryllium (all) pollutant 1040 1.12E-07
Cadmium 1070 4.77E-07
Chromium (hexavalent) 1095 9.86E-09
Lead (all) pollutant 1140 4.04E-07
Manganese 1160 6.35E-07
Nickel pollutant 1180 7.71E-06
Mercury (all) pollutant 1190 1.35E-07
PAH's (non-speciated) 1840 1.01E-06
Particulates (part not spe 1990 6.57E-04
Nitrous Oxide (N2O) 2030 5.87E-05
Nitrogen Oxides (part not 2990 6.58E-03
Sulfur Dioxide (SO2) 3990 9.53E-03
Carbon Monoxide (CO) pollu 4990 1.64E-03
Carbon Dioxide, non-biogen 6960 7.33E+00
Methane (CH4) 6970 2.93E-04
C1260189
Benzene 41 1.53E-06
Formaldehyde 124 5.48E-05
Toluene 293 2.48E-06
Organics (other, including 990 4.33E-03
Particulates (part not spe 1990 2.19E-03

Nitrous Oxide (N2O) 2030 1.69E-04
Nitrogen Oxides (part not 2990 7.31E-02
Sulfur Dioxide (SO2) 3990 4.15E-04
Carbon Monoxide (CO) pollu 4990 1.24E-02
`
Methane (CH4) 6970 1.39E-03

16 SB-7

C1260098

Benzene 41 5.92E-06
Formaldehyde 124 1.81E-05
Organics (other, including 990 3.05E-04
Arsenic (all) 1030 1.91E-07
Beryllium (all) pollutant 1040 1.12E-07
Cadmium 1070 4.77E-07
Chromium (hexavalent) 1095 9.86E-09
Lead (all) pollutant 1140 4.04E-07
Manganese 1160 6.35E-07
Nickel pollutant 1180 7.71E-06
Mercury (all) pollutant 1190 1.35E-07
PAH's (non-speciated) 1840 1.01E-06
Particulates (part not spe 1990 6.57E-04
Nitrous Oxide (N2O) 2030 5.87E-05
Nitrogen Oxides (part not 2990 6.58E-03
Sulfur Dioxide (SO2) 3990 9.53E-03
Carbon Monoxide (CO) pollu 4990 1.64E-03
Carbon Dioxide, non-biogen 6960 7.33E+00
Methane (CH4) 6970 2.93E-04

C1260189

Benzene 41 1.53E-06
Formaldehyde 124 5.48E-05
Toluene 293 2.48E-06
Organics (other, including 990 4.33E-03
Particulates (part not spe 1990 2.19E-03
Nitrous Oxide (N2O) 2030 1.69E-04
Nitrogen Oxides (part not 2990 7.31E-02
Sulfur Dioxide (SO2) 3990 4.15E-04
Carbon Monoxide (CO) pollu 4990 1.24E-02
Carbon Dioxide, non-biogen 6960 8.95E+01
Methane (CH4) 6970 1.39E-03

17 SB-8

C1260098

Benzene 41 5.92E-06
Formaldehyde 124 1.81E-05
Organics (other, including 990 3.05E-04
Arsenic (all) 1030 1.91E-07
Beryllium (all) pollutant 1040 1.12E-07
Cadmium 1070 4.77E-07

Chromium (hexavalent) 1095 9.86E-09
Lead (all) pollutant 1140 4.04E-07
Manganese 1160 6.35E-07
Nickel pollutant 1180 7.71E-06
Mercury (all) pollutant 1190 1.35E-07
PAH's (non-speciated) 1840 1.01E-06
Particulates (part not spe 1990 6.57E-04
Nitrous Oxide (N2O) 2030 5.87E-05
Nitrogen Oxides (part not 2990 6.58E-03
Sulfur Dioxide (SO2) 3990 9.53E-03
Carbon Monoxide (CO) pollu 4990 1.64E-03
Carbon Dioxide, non-biogen 6960 7.33E+00
Methane (CH4) 6970 2.93E-04
C1260189
0 0.00E+00
20 Emergency Standby Diesel Generator #1
C22BG098
0 0.00E+00
21 Emergency Standby Diesel Generator #2
C22BG098
0 0.00E+00
22 Emergency Standby Diesel Generator
C22BG098
0 0.00E+00
23 Emergency Standby Diesel Generator
C22AG098
Benzene 41 4.56E-05
Formaldehyde 124 3.77E-06
Organics (other, including 990 2.20E-03
Arsenic (all) 1030 3.97E-08
Beryllium (all) pollutant 1040 2.33E-08
Cadmium 1070 9.93E-08
Chromium (hexavalent) 1095 2.05E-09
Lead (all) pollutant 1140 8.42E-08
Manganese 1160 1.32E-07
Nickel pollutant 1180 1.61E-06
Mercury (all) pollutant 1190 2.81E-08
Diesel Engine Exhaust Part 1350 4.38E-04
PAH's (non-speciated) 1840 2.10E-07
Nitrous Oxide (N2O) 2030 1.22E-05
Nitrogen Oxides (part not 2990 3.21E-02
Sulfur Dioxide (SO2) 3990 1.49E-05
Carbon Monoxide (CO) pollu 4990 6.99E-03
Carbon Dioxide, non-biogen 6960 1.53E+00
Methane (CH4) 6970 6.11E-05
24 Emergency Standby Diesel Generator
C22AG098

Benzene 41 7.30E-05
Formaldehyde 124 6.04E-06
Organics (other, including 990 3.52E-03
Arsenic (all) 1030 6.36E-08
Beryllium (all) pollutant 1040 3.73E-08
Cadmium 1070 1.59E-07
Chromium (hexavalent) 1095 3.29E-09
Lead (all) pollutant 1140 1.35E-07
Manganese 1160 2.12E-07
Nickel pollutant 1180 2.57E-06
Mercury (all) pollutant 1190 4.49E-08
Diesel Engine Exhaust Part 1350 7.01E-04
PAH's (non-speciated) 1840 3.35E-07
Nitrous Oxide (N2O) 2030 1.96E-05
Nitrogen Oxides (part not 2990 5.14E-02
Sulfur Dioxide (SO2) 3990 2.38E-05
Carbon Monoxide (CO) pollu 4990 1.12E-02
Carbon Dioxide, non-biogen 6960 2.44E+00
Methane (CH4) 6970 9.78E-05

25 Emergency Standby Diesel Generator
C22BG098
Benzene 41 1.82E-04
Formaldehyde 124 1.51E-05
Organics (other, including 990 8.81E-03
Arsenic (all) 1030 1.59E-07
Beryllium (all) pollutant 1040 9.32E-08
Cadmium 1070 3.97E-07
Chromium (hexavalent) 1095 8.22E-09
Lead (all) pollutant 1140 3.37E-07
Manganese 1160 5.29E-07
Nickel pollutant 1180 6.43E-06
Mercury (all) pollutant 1190 1.12E-07
Diesel Engine Exhaust Part 1350 1.75E-03
PAH's (non-speciated) 1840 8.38E-07
Nitrous Oxide (N2O) 2030 4.89E-05
Nitrogen Oxides (part not 2990 1.28E-01
Sulfur Dioxide (SO2) 3990 5.96E-05
Carbon Monoxide (CO) pollu 4990 2.79E-02
Carbon Dioxide, non-biogen 6960 6.11E+00
Methane (CH4) 6970 2.44E-04

26 Emergency Standby Diesel Generator
C22AG098
Benzene 41 1.82E-04
Formaldehyde 124 1.51E-05
Organics (other, including 990 8.81E-03
Arsenic (all) 1030 1.59E-07
Beryllium (all) pollutant 1040 9.32E-08

Cadmium 1070 3.97E-07
Chromium (hexavalent) 1095 8.22E-09
Lead (all) pollutant 1140 3.37E-07
Manganese 1160 5.29E-07
Nickel pollutant 1180 6.43E-06
Mercury (all) pollutant 1190 1.12E-07
Diesel Engine Exhaust Part 1350 1.75E-03
`
Nitrous Oxide (N2O) 2030 4.89E-05
Nitrogen Oxides (part not 2990 1.28E-01
Sulfur Dioxide (SO2) 3990 5.96E-05
Carbon Monoxide (CO) pollu 4990 2.79E-02
Carbon Dioxide, non-biogen 6960 6.11E+00
Methane (CH4) 6970 2.44E-04

27 Emergency Standby Diesel Generator
C24AG098
Benzene 41 1.85E-04
Formaldehyde 124 1.51E-05
Organics (other, including 990 1.01E-02
Arsenic (all) 1030 1.59E-07
Beryllium (all) pollutant 1040 9.32E-08
Cadmium 1070 3.97E-07
Chromium (hexavalent) 1095 8.22E-09
Lead (all) pollutant 1140 3.37E-07
Manganese 1160 5.29E-07
Nickel pollutant 1180 6.43E-06
Mercury (all) pollutant 1190 1.12E-07
Diesel Engine Exhaust Part 1350 1.75E-03
PAH's (non-speciated) 1840 8.38E-07
Nitrous Oxide (N2O) 2030 4.89E-05
Nitrogen Oxides (part not 2990 1.28E-01
Sulfur Dioxide (SO2) 3990 5.96E-05
Carbon Monoxide (CO) pollu 4990 2.79E-02
Carbon Dioxide, non-biogen 6960 6.11E+00
Methane (CH4) 6970 2.44E-04

28 Emergency Standby Diesel Generator
C22AG098
Benzene 41 1.82E-04
Formaldehyde 124 1.51E-05
Organics (other, including 990 8.81E-03
Arsenic (all) 1030 1.59E-07
Beryllium (all) pollutant 1040 9.32E-08
Cadmium 1070 3.97E-07
Chromium (hexavalent) 1095 8.22E-09
Lead (all) pollutant 1140 3.37E-07
Manganese 1160 5.29E-07
Nickel pollutant 1180 6.43E-06

Mercury (all) pollutant 1190 1.12E-07
Diesel Engine Exhaust Part 1350 1.75E-03
PAH's (non-speciated) 1840 8.38E-07
Nitrous Oxide (N2O) 2030 4.89E-05
Nitrogen Oxides (part not 2990 1.28E-01
Sulfur Dioxide (SO2) 3990 5.96E-05
Carbon Monoxide (CO) pollu 4990 2.79E-02
Carbon Dioxide, non-biogen 6960 6.11E+00

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29 Gas Engine Driven Chiller #1
C2350189
0 0.00E+00
30 Gas Engine Driven Chiller #1
C2350189
0 0.00E+00
31 Gas Engine Driven Chiller #2
C2350189
0 0.00E+00
32 Gas Engine Driven Chiller #2
C2350189
0 0.00E+00
33 Generator
C22AG098
0 0.00E+00
37 Emergency Standby Diesel Generator Set
C22BG098
Benzene 41 1.02E-03
Formaldehyde 124 8.45E-05
Organics (other, including 990 1.43E-02
Arsenic (all) 1030 1.78E-07
Beryllium (all) pollutant 1040 1.04E-07
Cadmium 1070 4.45E-07
Chromium (hexavalent) 1095 9.21E-09
Lead (all) pollutant 1140 3.77E-07
Manganese 1160 5.92E-07
Nickel pollutant 1180 7.20E-06
Mercury (all) pollutant 1190 1.26E-07
Diesel Engine Exhaust Part 1350 2.09E-03
PAH's (non-speciated) 1840 9.39E-07
Nitrous Oxide (N2O) 2030 5.47E-04
Nitrogen Oxides (part not 2990 5.87E-01
Sulfur Dioxide (SO2) 3990 6.67E-04
Carbon Monoxide (CO) pollu 4990 7.96E-02
Carbon Dioxide, non-biogen 6960 6.85E+01
Methane (CH4) 6970 1.37E-03
38 Emergencvy Standby Diesel Generator Set
C22BG098

Benzene 41 1.02E-03
Formaldehyde 124 8.45E-05
Organics (other, including 990 1.43E-02
Arsenic (all) 1030 1.78E-07
Beryllium (all) pollutant 1040 1.04E-07
Cadmium 1070 4.45E-07
Chromium (hexavalent) 1095 9.21E-09
Lead (all) pollutant 1140 3.77E-07
Manganese 1160 5.92E-07
Nickel pollutant 1180 7.20E-06
Mercury (all) pollutant 1190 1.26E-07
Diesel Engine Exhaust Part 1350 2.09E-03
PAH's (non-speciated) 1840 9.39E-07
Nitrous Oxide (N2O) 2030 5.47E-04
Nitrogen Oxides (part not 2990 5.87E-01
Sulfur Dioxide (SO2) 3990 6.67E-04
Carbon Monoxide (CO) pollu 4990 7.96E-02
Carbon Dioxide, non-biogen 6960 6.85E+01
Methane (CH4) 6970 1.37E-03

39 Emergency Standby Diesel Generator Set
C22BG098
Benzene 41 1.02E-03
Formaldehyde 124 8.45E-05
Organics (other, including 990 1.43E-02
Arsenic (all) 1030 1.78E-07
Beryllium (all) pollutant 1040 1.04E-07
Cadmium 1070 4.45E-07
Chromium (hexavalent) 1095 9.21E-09
Lead (all) pollutant 1140 3.77E-07
Manganese 1160 5.92E-07
Nickel pollutant 1180 7.20E-06
Mercury (all) pollutant 1190 1.26E-07
Diesel Engine Exhaust Part 1350 2.09E-03
PAH's (non-speciated) 1840 9.39E-07
Nitrous Oxide (N2O) 2030 5.47E-04
Nitrogen Oxides (part not 2990 5.87E-01
Sulfur Dioxide (SO2) 3990 6.67E-04
Carbon Monoxide (CO) pollu 4990 7.96E-02
Carbon Dioxide, non-biogen 6960 6.85E+01
Methane (CH4) 6970 1.37E-03

40 Emergency Standby Diesel Generator Set
C22BG098
Benzene 41 1.02E-03
Formaldehyde 124 8.45E-05
Organics (other, including 990 1.43E-02
Arsenic (all) 1030 1.78E-07
Beryllium (all) pollutant 1040 1.04E-07

Cadmium 1070 4.45E-07
Chromium (hexavalent) 1095 9.21E-09
Lead (all) pollutant 1140 3.77E-07
Manganese 1160 5.92E-07
Nickel pollutant 1180 7.20E-06
Mercury (all) pollutant 1190 1.26E-07
Diesel Engine Exhaust Part 1350 2.09E-03
PAH's (non-speciated) 1840 9.39E-07
Nitrous Oxide (N2O) 2030 5.47E-04
Nitrogen Oxides (part not 2990 5.87E-01
Sulfur Dioxide (SO2) 3990 6.67E-04
Carbon Monoxide (CO) pollu 4990 7.96E-02
Carbon Dioxide, non-biogen 6960 6.85E+01
Methane (CH4) 6970 1.37E-03

42 Space Heat Boiler #1

C1350098

0 0.00E+00

C1350189

Benzene 41 4.39E-07
Formaldehyde 124 1.57E-05
Toluene 293 7.11E-07
Organics (other, including 990 1.66E-03
Particulates (part not spe 1990 2.09E-03
Nitrous Oxide (N2O) 2030 4.83E-05
Nitrogen Oxides (part not 2990 3.77E-03
Sulfur Dioxide (SO2) 3990 1.19E-04
Carbon Monoxide (CO) pollu 4990 7.74E-03
Carbon Dioxide, non-biogen 6960 2.56E+01
Methane (CH4) 6970 3.98E-04

43 Space Heat Boiler #2

C1340098

0 0.00E+00

C1340189

Benzene 41 5.96E-05
Formaldehyde 124 2.13E-03
Toluene 293 9.64E-05
Organics (other, including 990 1.62E-01
Particulates (part not spe 1990 8.51E-02
Nitrous Oxide (N2O) 2030 6.55E-03
Nitrogen Oxides (part not 2990 5.11E-02
Sulfur Dioxide (SO2) 3990 1.61E-02
Carbon Monoxide (CO) pollu 4990 1.05E-01
Carbon Dioxide, non-biogen 6960 3.47E+03
Methane (CH4) 6970 5.39E-02

44 Space Heat Boiler #3

C1340098

0 0.00E+00

C1340189

Benzene 41 1.39E-04
Formaldehyde 124 4.96E-03
Toluene 293 2.25E-04
Organics (other, including 990 3.78E-01
Particulates (part not spe 1990 1.98E-01
Nitrous Oxide (N2O) 2030 1.53E-02
Nitrogen Oxides (part not 2990 1.19E-01
Sulfur Dioxide (SO2) 3990 3.76E-02
Carbon Monoxide (CO) pollu 4990 2.45E-01
Carbon Dioxide, non-biogen 6960 8.10E+03
Methane (CH4) 6970 1.26E-01

45 Space Heat Boiler #4

C1340098

0 0.00E+00

C1340189

Benzene 41 2.00E-04
Formaldehyde 124 7.16E-03
Toluene 293 3.25E-04
Organics (other, including 990 5.46E-01
Particulates (part not spe 1990 2.86E-01
Nitrous Oxide (N2O) 2030 2.20E-02
Nitrogen Oxides (part not 2990 1.72E-01
Sulfur Dioxide (SO2) 3990 5.42E-02
Carbon Monoxide (CO) pollu 4990 3.53E-01
Carbon Dioxide, non-biogen 6960 1.17E+04
Methane (CH4) 6970 1.81E-01

46 Space Heat Boiler #5

C1340098

0 0.00E+00

C1340189

Benzene 41 1.18E-04
Formaldehyde 124 4.20E-03
Toluene 293 1.90E-04
Organics (other, including 990 3.20E-01
Particulates (part not spe 1990 1.68E-01
Nitrous Oxide (N2O) 2030 1.29E-02
Nitrogen Oxides (part not 2990 1.01E-01
Sulfur Dioxide (SO2) 3990 3.18E-02
Carbon Monoxide (CO) pollu 4990 2.07E-01
Carbon Dioxide, non-biogen 6960 6.86E+03
Methane (CH4) 6970 1.06E-01

48 Thermal Fluid Heater #1

C1350098

0 0.00E+00

C1350189

Benzene 41 8.36E-07

Formaldehyde 124 2.98E-05
Toluene 293 1.35E-06
Organics (other, including 990 3.15E-03
Particulates (part not spe 1990 3.98E-03
Nitrous Oxide (N2O) 2030 9.19E-05
Nitrogen Oxides (part not 2990 7.16E-04
Sulfur Dioxide (SO2) 3990 2.26E-04
Carbon Monoxide (CO) pollu 4990 1.47E-03
Carbon Dioxide, non-biogen 6960 4.87E+01
Methane (CH4) 6970 7.56E-04

49 Thermal Fluid Heater #2

C1350098

0 0.00E+00

C1350189

Benzene 41 4.83E-06
Formaldehyde 124 1.72E-04
Toluene 293 7.82E-06
Organics (other, including 990 1.82E-02
Particulates (part not spe 1990 2.30E-02
Nitrous Oxide (N2O) 2030 5.31E-04
Nitrogen Oxides (part not 2990 4.14E-03
Sulfur Dioxide (SO2) 3990 1.31E-03
Carbon Monoxide (CO) pollu 4990 8.51E-03
Carbon Dioxide, non-biogen 6960 2.82E+02
Methane (CH4) 6970 4.37E-03

50 Emergency Standby Diesel Generator Set

C22AG098

Benzene 41 1.37E-04
Formaldehyde 124 1.13E-05
Organics (other, including 990 1.16E-03
Arsenic (all) 1030 1.19E-07
Beryllium (all) pollutant 1040 6.99E-08
Cadmium 1070 2.98E-07
Chromium (hexavalent) 1095 6.16E-09
Lead (all) pollutant 1140 2.53E-07
Manganese 1160 3.97E-07
Nickel pollutant 1180 4.82E-06
Mercury (all) pollutant 1190 8.42E-08
Diesel Engine Exhaust Part 1350 8.73E-04
PAH's (non-speciated) 1840 6.29E-07
Nitrous Oxide (N2O) 2030 3.67E-05
Nitrogen Oxides (part not 2990 2.49E-02
Sulfur Dioxide (SO2) 3990 4.47E-05
Carbon Monoxide (CO) pollu 4990 3.64E-03
Carbon Dioxide, non-biogen 6960 4.58E+00
Methane (CH4) 6970 1.83E-04

51 Boiler

C1250189

0 0.00E+00

52 Boiler

C1250189

0 0.00E+00

53 Boiler

C1250189

0 0.00E+00

54 Boiler

C1250189

0 0.00E+00

55 Boiler

C1250189

0 0.00E+00

PLANT TOTAL:

lbs/day	Pollutant
2.71E-06	Arsenic (all) (1030)
5.64E-03	Benzene (41)
1.59E-06	Beryllium (all) pollutant (1040)
6.79E-06	Cadmium (1070)
3.13E+04	Carbon Dioxide, non-biogenic CO2 (6960)
1.45E+00	Carbon Monoxide (CO) pollutant (4990)
1.40E-07	Chromium (hexavalent) (1095)
1.74E-02	Diesel Engine Exhaust Particulate Matter (1350)
1.95E-02	Formaldehyde (124)
5.76E-06	Lead (all) pollutant (1140)
9.03E-06	Manganese (1160)
1.92E-06	Mercury (all) pollutant (1190)
4.88E-01	Methane (CH4) (6970)
1.10E-04	Nickel pollutant (1180)
3.83E+00	Nitrogen Oxides (part not spec elsewhere) (2990)
6.11E-02	Nitrous Oxide (N2O) (2030)
1.55E+00	Organics (other, including CH4) (990)
1.43E-05	PAH's (non-speciated) (1840)
7.82E-01	Particulates (part not spec elsewhere) (1990)
2.04E-01	Sulfur Dioxide (SO2) (3990)
8.58E-04	Toluene (293)

Attachment C

Transportation Impact Report

FEHR PEERS

DRAFT MEMORANDUM

Date: April 20, 2018

To: Bruce Kaplan; Lamphier-Gregory

From: Natalie Chyba and Sam Tabibnia; Fehr & Peers

Subject: 230-240 West MacArthur Preliminary Transportation Impact Report

OK17-0201

This memorandum summarizes the transportation impact review conducted by Fehr & Peers for the proposed 230-240 West MacArthur Boulevard development (Project) in Oakland. Based on our analysis:

- The proposed 57 residential units and approximately 7,200 square feet of commercial space would generate no net-new daily or PM peak hour trips and nine net-new AM peak hour trips on a typical weekday. Trip generation estimates were developed in accordance with the City of Oakland's *Transportation Impact Review Guidelines* (TIRG, April 2017). According to the guidelines, a detailed Transportation Impact Report (TIR) and a Transportation Demand Management (TDM) Plan are required if a project would generate 50 or more vehicle trips during a single peak hour. Since the project is estimated to generate fewer than 50 net-new AM or PM peak hour trips, a TIR or TDM Plan are most likely not required. However, the ultimate decision to conduct a TIR and the potential content of that report rests with City of Oakland staff.
- The project site plan dated October 19, 2017 was reviewed to evaluate access and circulation for all travel modes. Based on our review, the Project would provide adequate access and circulation, with the following recommendations:
    - **Recommendation 1**: Implement one of the following:
        - Limit access to the belowground level parking to residents only to ensure only motorists that are familiar with the design of the parking garage use the ramp.

- To provide access to the belowground level for the commercial uses of the Project, redesign the ramp to ensure adequate space for two vehicles to simultaneously and comfortably use the ramp.

- **Recommendation 2**: Consider implementing one or both of the following to minimize potential queues on Howe Street:
  - Keep the external garage gate open during normal business hours to minimize the wait time for vehicles entering the garage
  - Install dynamic parking signage at the garage entrance notifying customers if the commercial parking is full"
- **Recommendation 3:** Ensure existing utilities would not impede pedestrian right-of-way and that adequate sidewalk width is provided along the proposed building frontage on Piedmont Avenue.

The remainder of this memorandum presents our trip generation and site plan analysis in more detail.

PROJECT DESCRIPTION

The proposed Project is located on the north side of West MacArthur Boulevard between Howe Street and Piedmont Avenue in the City of Oakland. The building would consist of 57 apartment units and approximately 7,200 square-feet of commercial space, which this memorandum conservatively assumes to be restaurant space.

The Project would span two parcels and replace an existing auto care center and gas station. The Project proposes a two-level parking garage with 84 parking spaces. A driveway on Howe Street would provide access to the parking garage on the ground level and a 25-percent grade ramp inside the parking garage would provide access to the belowground level. In addition, 16 long-term and 12 short-term bicycle spaces would be provided.

PROJECT TRIP GENERATION

Trip generation is the process of estimating the number of vehicles that would likely access the Project on any given day. Trip generation data published by the Institute of Transportation Engineers (ITE) in the *Trip Generation Manual* (Ninth Edition) was used as a starting point to estimate the vehicle trip generation. The existing site's trip generation is applied as a reduction to the trip

generation estimates of the Project. **Table 1** summarizes the trip generation for the proposed Project.

The ITE data is based on data collected at mostly single-use suburban sites where the automobile is often the only travel mode. However, the Project site is in a dense, mixed-use urban environment where many trips are walk, bike, or transit trips. Since the proposed Project is about 0.8 miles from the MacArthur BART Station, the City of Oakland's TIRG recommends a 36.7-percent reduction from the ITE-based trip generation to account for non-automobile trips. This reduction is based on Census commute data for Alameda County from the 2014 5-Year Estimates of the American Community Survey (ACS), which shows that the non-automobile mode share for areas between 0.5 and one mile from a BART Station is about 36.7-percent.

Trip generation for the residential land use was estimated using the ITE land use category "Apartments" (land use code 220). The commercial land use was estimated using the ITE land use category "High-Turnover (Sit-Down) Restaurant" (land use code 932). Exact uses for the commercial component of the Project have not been determined; this analysis conservatively assumes that the commercial component would be restaurant space. Trips generated by the existing land uses were estimated using the ITE land use category "Gasoline/Service Station" (land use code 944) and land use category "Automobile Care Center" (land use code 942).

Pass-by trips are trips attracted to a site from adjacent roadways as an intermediate stop on the way to a final destination. Pass-by trips alter travel patterns in the immediate study area, but do not add new vehicle trips to the roadway network, and should therefore be excluded from trip generation estimates. Pass-by rates for the proposed restaurant space and existing gas station were estimated based on data provided in ITE's *Trip Generation Handbook* (Third Edition).

As summarized in Table 1, the proposed Project is estimated to generate 160 fewer daily and 33 fewer PM peak hour trips than the existing uses, and nine net-new AM peak hour trips.

TABLE 1: AUTOMOBILE TRIP GENERATION SUMMARY

Land Use	Units[1]	Daily	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Proposed Project Trip Generation								
Apartments[2]	57 DU	470	6	26	32	32	17	49
High-Turnover (Sit-Down) Restaurant[3]	7.2 KSF	910	43	35	78	43	28	71
Proposed Project Raw Trip Generation		***1,380***	***49***	***61***	***110***	***75***	***45***	***120***
Pass-By Trips – Restaurant (21% Daily, 0% AM, 43% PM)[4]		*-190*	*0*	*0*	*0*	*-18*	*-13*	*-31*
Subtotal		***1,190***	***49***	***61***	***110***	***57***	***32***	***89***
Non-Auto Adjustment (36.7%)[5]		*-440*	*-18*	*-22*	*-40*	*-21*	*-12*	*-33*
Proposed Project Vehicle Trip Generation		***750***	***31***	***39***	***70***	***36***	***20***	***56***
Existing Trip Generation								
Gasoline/Service Station[6]	6 Vehicle Service Stations	1,010	37	36	73	42	41	83
Automobile Care Center[7]	13.1 KSF[8]	410	20	10	30	20	21	41
Existing Raw Trip Generation		***1,420***	***57***	***46***	***103***	***62***	***62***	***124***
Pass-By Trips - Gas Station (50% daily, 58% AM, 42% PM)[9]		*-510*	*-21*	*-21*	*-42*	*-18*	*-17*	*-35*
Existing Vehicle Trip Generation		***910***	***36***	***25***	***61***	***44***	***45***	***89***
Net-New Vehicle Trip Generation		***-160***	***-5***	***14***	***9***	***-8***	***-25***	***-33***

1. DU = Dwelling Units, KSF = 1,000 square feet.
2. ITE Trip Generation (9th Edition) land use category 220 (Apartment- Adj. Streets, 7-9 AM, 4-6 PM):
   Daily: T = 6.06*(X)+123.56
   AM Peak Hour: T = 0.49*(X)+3.73 (20% in, 80% out)
   PM Peak Hour: T = 0.55*(X)+17.65 (65% in, 35% out)
3. ITE Trip Generation (9th Edition) land use category 932 (High-Turnover (Sit-Down) Restaurant):
   Daily: T = 127.15*(X)
   AM Peak Hour: T = 10.81*(X) (55% in, 45% out)

PM Peak Hour: T = 9.85*(X) (60% in, 40% out)

4. PM peak hour pass-by rates based on ITE Trip Generation Handbook (3rd Edition). The weekday PM peak hour average pass-by rate for land use category 932 is 43%. Half (21%) is assumed for the daily trips and 0% is assumed for the AM peak hour.
5. The 36.7% reduction is based on the City of Oakland's *Transportation Impact Review Guidelines* for development in an urban environment between 0.5 and 1 mile of a BART Station.
6. ITE Trip Generation (9th Edition) land use category 944 (Gasoline/Service Station):
   Daily: T = 168.6*(X)
   AM Peak Hour: T = 12.16*(X) (51% in, 49% out)
   PM Peak Hour: T = 13.87*(X) (50% in, 50% out)
7. ITE Trip Generation (9th Edition) land use category 942 (Automobile Care Center):
   Daily: ITE does not provide a daily rate. The daily trip generation rate is estimated as 10 times the PM peak hour rate.
   AM Peak Hour: T = 2.25*(X) (66% in, 34% out)
   PM Peak Hour: T = 3.11*(X) (48% in, 52% out)
8. Existing land use's square footage is estimated based on site visits and aerial imagery.
9. AM and PM peak hour pass-by rates based on ITE Trip Generation Handbook (3rd Edition) data for Gasoline/Service Stations. The weekday AM and PM peak hour average pass-by rates for land use category 942 are 58% and 42%, respectively. The average of the AM and PM peak hour rates (50%) is assumed for the daily trips.

Source: Fehr & Peers, 2017.

SITE PLAN REVIEW

This section evaluates access and circulation of all travel modes for the proposed Project, based on the site plan dated October 19, 2017. The City of Oakland *Planning Code* is the primary regulating document for this site, with the site assumed to be within the CN-2/D-KP-3 zone.

Vehicle Access and On-Site Circulation

Residents would access the site through a driveway on Howe Street, about 35 feet north of West MacArthur Boulevard. The driveway would provide access to a two-level parking garage and an adjacent loading area. The two-level parking garage would provide 84 parking spaces, consisting of 60 two-tiered mechanical lift parking spaces, 21 standard parking stalls (including two EV charging spaces), and three ADA spaces. The parking garage entrance, ADA spaces, and ten standard parking spaces, including the two EV charging spaces, would be located on the ground level, with the remaining parking spaces belowground and accessible via a 25-percent grade ramp. The ramp has an average width of about 25 feet. The width and configuration of the ramp would not accommodate two large vehicles passing simultaneously. The Project site plan shows mirrors at the base, middle corner, and top of the ramp to improve motorists' visibility of on-coming vehicles.

Recommendation 1: Implement one of the following:

- Limit access to the belowground level parking to residents only to ensure only motorists that are familiar with the design of the parking garage use the ramp.
- To provide access to the belowground level for the commercial uses of the Project, redesign the ramp to ensure adequate space for two vehicles to simultaneously and comfortably use the ramp.

On-site Queuing

Based on the estimated trip generation shown in Table 1, the Project is estimated to generate about 39 AM peak hour and 33 PM peak hour trips out of the site, which corresponds to about approximately one vehicle exiting every 1.5 minutes, and would result in minimal on-site queues under typical operating conditions. Under a worst-conditions scenario, assuming that all 39 peak hour trips would exit during a half-hour period, corresponding to approximately one vehicle exiting every 45 seconds, may result in a two or three car maximum queue within the garage. A two or three car queue would block some of the parking spaces on the ground level of the garage and may prevent vehicles from entering or exiting these spaces. However, the maximum queue is expected to be infrequent and the queue is expected to dissipate within one or two minutes at the most. Overall, queuing within the garage is expected to be minimal under typical operating conditions and not interfere with access and circulation within the garage.

Queuing on Howe Street

The Project is expected to generate approximately 31 AM peak hour and 54 PM peak hour trips into the site, which corresponds to about one car entering the garage every 1.1 minute. This would result in minimal queues on Howe Street under typical operating conditions. Under a worst-conditions scenario, assuming all 54 PM peak hour trips come from the same direction on Howe Street, a queue of up to one or two cars may form on Howe Street. The queueing could have the potential to block northbound through traffic on Howe Street or access to the southbound left turn pocket at the Howe Street/W MacArthur Boulevard intersection. However, the maximum queue is expected to be infrequent and dissipate within one or two minutes at the most. Further, the 20-foot northbound lane width on Howe Street provides adequate space for the driveway queueing to take place immediately adjacent to the curb, allowing most through traffic to bypass the queue. To mitigate potential queueing, the following could be considered:

Recommendation 2: Consider implementing one or both of the following to minimize potential queues on Howe Street:

- Keep the external garage gate open during normal business hours to minimize the wait time for vehicles entering the garage
- Install dynamic parking signage at the garage entrance notifying customers if the commercial parking is full"

Project Driveway Sight Distance

The Project driveway on Howe Street would provide adequate sight distance between an exiting motorist ten feet back from the sidewalk and a pedestrian ten feet away on the adjacent sidewalk on either side of the driveway.

Currently, on-street parking is prohibited along the east side of Howe Street adjacent to the Project. Thus, the project driveway would provide adequate sight distance between vehicles exiting the driveway and vehicles travelling in both directions of Howe Street.

Emergency Response and Evacuation

The Project does not propose any alterations to the roadways in the vicinity of the Project, therefore, it would not alter access for emergency vehicles. As shown in Table 1, the proposed Project would is estimated to generate nine net-new AM peak hour trips and 33 fewer PM peak hour trips than the existing uses at the site, resulting in either minimal increase or reducing the congestion experienced by emergency access vehicles. Furthermore, vehicles on Howe Street accessing the Project driveway are expected to follow state law and vacate the right-of-way in the presence of an emergency vehicle.

Figure 7.4 of the Safety Element of the *City of Oakland General Plan* shows that the emergency evacuation routes in the vicinity of the Project site include West MacArthur Boulevard, Broadway, and Piedmont Avenue. The Project would remove four existing driveways on the evacuation routes, three on West MacArthur Boulevard and one on Piedmont Avenue, reducing the number of conflict points on the existing emergency evacuation routes.

The Project is adjacent to the Kaiser Permanente Oakland Medical Center. The Kaiser Permanente emergency services are located on Piedmont Avenue south of West MacArthur Boulevard. Considering the location of the Project driveway, type of use, and automobile trip generation, the Project would not alter access for emergency vehicles.

Bicycle Parking, Access and On-Site Circulation

Table 2 shows bicycle parking requirements for the Project. The Project would consist of 57 dwelling units and about 7,200 square-feet of commercial space, requiring 16 long-term and 7 short-term spaces. The Project would provide 16 long-term and 12 short-term bicycle spaces, meeting the bicycle parking requirements for the development.

The long-term bicycle parking would be located in two secure bicycle rooms on the ground level of the parking garage, accessible through the building lobby, the parking garage entrance on Howe Street, and the secondary pedestrian entrance on West MacArthur Boulevard. The short-term bicycle parking would be located along the building frontages on Howe Street, West MacArthur Boulevard, and Piedmont Avenue.

TABLE 2: BICYCLE PARKING REQUIREMENTS

Land Use	Size[1]	Long-Term		Short-Term	
		Spaces per Unit[2]	Spaces	Spaces per Unit[2]	Spaces
Apartments	57 DU	1:4 DU	14	1:20 DU	3
Commercial (General Food Sales)	7.2 KSF	Min. 2	2	1:2 KSF	4
Total Required Bicycle Spaces			**16**		**7**
Total Bicycle Parking Provided			**20**		**12**
Bicycle Parking Deficit			**Meets Requirements**		**Meets Requirements**

Notes:

1. DU = Dwelling Units; KSF = 1,000 square-feet
2. Based on City of Oakland Planning Code Section 17.117.090 and 17.117.110.

Source: Fehr & Peers, 2017.

Pedestrian Access and On-Site Circulation

Pedestrian access for the residential component of the Project would be provided through a staircase and two elevators in the building lobby. A secondary staircase on the east side of the Project would provide emergency access and egress for the parking garage and residential

component of the Project. The building lobby would be accessed through the main entrance on West MacArthur Boulevard and through the Project parking garage. The commercial components of the Project would be accessed through separate entrances within the parking garage and along West MacArthur Boulevard and Piedmont Avenue.

Existing pedestrian facilities adjacent to the Project site include a six-foot sidewalk along Piedmont Avenue, a 10-foot sidewalk along West MacArthur Boulevard, and a 15-foot sidewalk along Howe Street. Along the proposed Project frontage on Piedmont Avenue, the existing utilities (consisting of street lighting and signal equipment) currently restrict the pedestrian right-of-way to about three feet.

> **Recommendation 3**: Ensure existing utilities would not impede pedestrian right-of-way and that adequate sidewalk width is provided along the proposed building frontage on Piedmont Avenue.

The Howe Street/West MacArthur Boulevard intersection provides audible-enabled pedestrian countdown signal heads and directional curb ramps at the northeast and southwest corners, a diagonal curb ramp at the northwest corner, and crosswalks across the north and west approaches. Pedestrian crossings are prohibited on the east approach of the intersection. The Piedmont Avenue/West MacArthur Boulevard intersection provides audible pedestrian countdown signal heads, diagonal curb ramps, and crosswalks at all intersection approaches. Existing infrastructure prohibits the installation of directional curb ramps at all corners of the intersection. At the west approach of this intersection, the median nose protrudes into the crosswalk. However, the median nose cannot be cut back due to existing infrastructure.

The Project proposes to widen the sidewalk widths to about 8.5 feet along Piedmont Avenue and 13 feet along West MacArthur Boulevard, and at a minimum, maintain the sidewalk width along Howe Street. The Project does not propose any additional changes to pedestrian facilities.

Transit Access

Transit service providers in the Project vicinity include Bay Area Rapid Transit (BART) and AC Transit.

BART provides regional rail service throughout the East Bay and across the Bay. The nearest BART station to the Project site is the MacArthur BART Station, about 0.8 miles northwest of the Project. The proposed Project would not modify access between the Project site and the BART Station.

AC Transit is the primary bus service provider in the City of Oakland. AC Transit operates several routes along West MacArthur Boulevard and Broadway in the vicinity of the Project. The nearest westbound and eastbound bus stops to the Project are located on West MacArthur Boulevard, east of Piedmont Avenue, approximately 100 feet east of the Project. Route 57 serves these stops, along with three AC Transit school routes (653, 657, and 658). A shelter, bench, trash receptacle, system map, and bus sign are provided at the westbound stop, and a bench and bus sign are provided at the eastbound stop.

No changes to the bus routes operating in the vicinity of the Project are planned and the proposed Project would not modify access between the Project site and transit facilities.

Parking Requirements

The City of Oakland *Planning Code* Sections 17.116.060 and 17.116.080 require a minimum of one parking space per dwelling unit and one parking space per 600 square-feet of ground floor commercial space and provide no parking maximums for both the residential and commercial components of the Project. All residential parking must be unbundled. The Project would provide a parking garage with a two-way drive aisle and a total of 84 spaces, including 60 two-tiered mechanical lift parking spaces, 21 surface spaces, and three ADA spaces.

Table 3 summarizes the required and proposed parking for the Project. The *Planning Code* requires a minimum of 57 off-street residential parking spaces and 12 off-street commercial parking spaces for the Project. Based on the site plan dated October 19, 2017, the Project would provide 84 spaces, meeting Code requirements.

Loading Requirements

The City of Oakland *Planning Code* Sections 17.116.120 and 17.116.140 specify loading requirements for residential and commercial land uses. Per code, the Project is required to provide one loading berth for its residential uses and no loading berths for its commercial uses, as the commercial space is less than 25,000 square-feet. The Project would provide a loading area accessible from the Project driveway on Howe Street, meeting code requirements.

Please contact Sam or Natalie with questions or comments.

TABLE 3: REQUIRED MAXIMUM AND PROPOSED PARKING

Land Use	Size[1]	Required Parking Supply[2]		Parking Supply[3]	Within Range?
		Minimum	Maximum		
Apartments	57 DU	57	No Maximum	71	Yes
Commercial	7.5 KSF	12	No Maximum	13	Yes
Total		**69**	**--**	**84**	**Yes**

Notes:

1. DU = Dwelling Units; KSF = 1,000 square feet
2. Based on City of Oakland *Planning Code* Sections 17.116.060 and 17.116.080.
3. Assuming that ground level parking would be reserved for commercial use and belowground level parking would be reserved for residential uses.

Source: Fehr & Peers, 2017.

Attachment D

D-1: No Further Action Letter for 230 W. MacArthur Blvd

D-2: Phase I Environmental Assessment

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

January 23, 2013

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Zheng Xiaoyi
639 Kearney Street
El Cerrito, CA 94530-3126

Au Energy LLC
c/o Nick Goyal
41805 Albrae Street, 2nd Floor
Fremont, CA 94538-3120

Subject: Case Closure for Fuel Leak Case No. RO0000303 and GeoTracker Global ID T0600101240, Shell#13-5676, 230 West MacArthur Boulevard, Oakland, CA 94611

Dear Mr. Brown, Mr. Goyal, and Zheng Xiaoyi:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.swrcb.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Total Petroleum hydrocarbons as gasoline remains in soil at concentrations up to 2,700 ppm.
- Total Petroleum hydrocarbons as gasoline remains in groundwater at concentrations up to 7,600 ppb.
- As described in section IV of the attached Case Closure Summary, the case was closed with Site Management Requirements that limit future land use to the current commercial land use as a gasoline service station only.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

Enclosures:
1. Remedial Action Completion Certification
2. Case Closure Summary

cc:

Leroy Griffin (w/enc)
Oakland Fire Department
250 Frank H. Ogawa Plaza, Ste. 3341
Oakland, CA 94612-2032
(*Sent via E-mail to: lgriffin@oaklandnet.com*)

Closure Unit
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120
(uploaded to GeoTracker)

Peter Schaefer
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608 2032
(*Sent via E-mail to: pschaefer@craworld.com*

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH (*Sent via E-mail to: jerry.wickham@acgov.org*)

GeoTracker (w/enc)
eFile (w/orig enc)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

January 23, 2013

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Zheng Xiaoyi
639 Kearney Street
El Cerrito, CA 94530-3126

Au Energy LLC
c/o Nick Goyal
41805 Albrae Street, 2nd Floor
Fremont, CA 94538-3120

Subject: Case Closure for Fuel Leak Case No. RO0000303 and GeoTracker Global ID T0600101240, Shell#13-5676, 230 West MacArthur Boulevard, Oakland, CA 94611

Dear Mr. Brown, Mr. Goyal, and Zheng Xiaoyi:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly 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 former underground storage tank(s) 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(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: July 25, 2012

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Shell #13-5676		
Site Facility Address: 230 West MacArthur Boulevard, Oakland, California 94611		
RB Case No.: 01-1345	Local Case No.: STID 3673	LOP Case No.: RO0000303
URF Filing Dates: 12/12/1989 and 04/26/2005	GeoTracker ID: T0600101240	APN: 12-986-25-1

Responsible Parties	Addresses	Phone Numbers
Denis Brown Shell Oil Products US	20945 S. Wilmington Avenue Carson, CA 90810	(707) 865-0251
Au Energy c/o Nick Goyal	41805 Albrae Street, FL 2 Fremont, CA 94538-3120	No phone number
Zheng Xiaoyi	639 Kearny Street, El Cerrito, CA 94530-3126	No phone number

Tank I.D. No	Size in Gallons	Contents	Closed in Place/Removed?	Date
--	8,000	Gasoline	Removed	November 1987
--	8,000	Gasoline	Removed	November 1987
--	10,000	Gasoline	Removed	November 1987
Dispensers and Piping			Upgraded	4/26/2005

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. The USTs were reported to be in good condition when removed in November 1987.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? Yes	Number: 5	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 10.25 feet	Lowest Depth: 20.81 feet	Flow Direction: Generally to the west with periodic variations to the west northwest and west southwest
Most Sensitive Current Use: Potential drinking water source.		
Summary of Production Wells in Vicinity: Two wells of unknown use are located approximately one-half mile southwest (down gradient) of the site. Based on the distance from the site, the wells are not expected to be receptors for the site. One well of unknown use is approximately 1,500 feet northeast (up gradient) of the site. Based on the distance and upgradient location, the well is not expected to be a receptor for the site.		
Are drinking water wells affected? No	Aquifer Name: East Bay Plain	
Is surface water affected? No	Nearest SW Name: Glen Echo Creek is located approximately 600 feet south of site.	
Off-Site Beneficial Use Impacts (Addresses/Locations): None		
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and City of Oakland Fire Department	

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	1) 2-8,000 gal 1-10,000 gal 2) 550 gal	1) Not Reported 2) Not Reported	1) 11/1987 2) 1988
Piping	~60 ft	Not Reported	4/18/2005
Free Product	---	---	12/1989
Soil	1) 500 yd^3 2) ~10 yd^3 3) 200 lbs	1) Soil disposed of as non-hazardous waste at West Contra Costa Sanitary Landfill (Class III) 2) Soil disposed of as hazardous waste at Chemical Waste Management's facility in Kettleman City, CA 3) Soil disposed of as non-hazardous waste at Altamont Landfill, 10840 Altamont Pass Rd., Livermore, CA, 94550	1) 12/21/1987 2) 4/18/2005 3) 2/26/2008
Groundwater	---	---	---

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 2 – 4 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Groundwater (ppb)	
	Before	After	Before	Current
TPH (Gas)	5,700	2,700	34,000(1)	7,600(1)
TPH (Diesel)	<5.0	<5.0	Not Analyzed	Not Analyzed
Oil & Grease	<25.0	<25.0	Not Analyzed	Not Analyzed
Benzene	4.3	4.3	1,800(2)	150(2)
Toluene	6.6	9.47	1,700(2)	10(2)
Ethylbenzene	39	39.0	1,600(2)	270(2)
Xylenes	325	325	1,700(2)	43(2)
Heavy Metals	140(3)	140(3)	Not Analyzed	Not Analyzed
MTBE	0.3(4)	0.3(4)	3,800(5)	2.3(5)
Other (8240/8270)	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed

(1) The maximum concentration before cleanup is from a grab groundwater sample collected from SB-8 on 4/06/2006; the maximum concentration after cleanup is from a groundwater sample collected from MW-5 on 3/25/2011.
(2) The maximum concentration before cleanup is from a groundwater sample collected from MW-4 on 6/1/1993; the maximum concentration after cleanup is from a groundwater sample collected from MW-5 on 3/25/2011.
(3) Lead = 140 ppm; Cadmium, Chromium, Nickel, and Zinc all not analyzed.
(4) MTBE = 0.3 ppm; TBA = 18 ppm; DIPE = 3.3 ppm; ETBE and TAME<0.25 ppm; EDB and EDC not analyzed.
(5) MTBE = 3,800 ppb; TBA = 280 ppb; DIPE = 56 ppb; ETBE and TAME<0.5 ppb; EDB and EDC <0.5 ppb.
(6) MTBE = 2.3 ppb; TBA <100 ppb; DIPE; ETBE and TAME<20.0 ppb; EDB and EDC <0.5 ppb.

Site History and Description of Corrective Actions:

The site is an active Shell-branded service station located on the northwest corner of West MacArthur Boulevard and Piedmont Avenue in Oakland, CA. Surrounding land use is commercial.

In April 1986, four exploratory borings (S-A through S-D) were advanced within the area of the tank complex to total depths of 20.5 feet below grade (fbg). Soil samples contained up to 5,700 ppm TPH.

In December 1986, a semi-quantitative soil vapor survey was conducted using a portable gas chromatograph. The soil vapor survey reported "very high" vapor concentrations near the storage tank fills and pump island closest to MacArthur Boulevard. "Moderately high" concentrations were reported beneath much of the remaining area. No additional soil vapor sampling and laboratory analysis was conducted to confirm or quantify these results.

In March 1987, three soil vapor extraction (SVE) wells (VR-1, VR-2, and VR-3) were installed. The SVE treatment system operated between April and November 1987. In August 1987, two soil borings (B-1 and B-2) were advanced to characterize petroleum hydrocarbons remaining in the soil. Soil samples contained up to 1,870 ppm TPHg.

In November 1987, two 8,000-gallon gasoline USTs and one 10,000-gallon gasoline UST were removed. Soil samples collected from the bottom of the UST excavation contained up to 480 ppm TPHg, 4.3 ppm benzene, 2.2 ppm toluene, and 55 ppm xylenes. New USTs were installed in the same excavation.

In August 1989, three soil borings (SB-1, SB-2, and SB-3) were advanced in the area adjacent to the pump islands. Soil samples contained up to 490 ppm TPHg. Benzene was not detected at concentrations above the reporting limit in these soil samples.

On October 10, 1989, three borings (GS-1, GS-2, and GS-3) were advanced to obtain grab groundwater samples from the area adjacent to the pump islands. Grab groundwater samples taken from GS-2 contained up to 8,800 ppb TPHg, 380 ppb benzene, 27 ppb toluene, 1,200 ppb ethylbenzene, and 62 ppb xylenes. These constituents were not detected at concentrations above the reporting limit in the grab groundwater sample from GS-1.

Monitoring well MW-4 was installed in January 1990. In May 1990, six borings (Probe 1 through Probe 6) were advanced in the sidewalk along West MacArthur Boulevard to obtain shallow groundwater samples. Grab groundwater samples contained up to 31,000 ppb TPHg, 430 ppb benzene, 600 ppb toluene, 240 ppb ethylbenzene, and 1,400 ppb xylenes. TPHg and BTEX were not detected at concentrations above the reporting limit in grab groundwater samples collected from borings Probe 1 or Probe 3.

In October 2002, a sensitive receptor survey (SRS) and conduit study identified a storm drain located just west of the site, along West MacArthur Boulevard, as a potential preferential pathway for contaminant migration. In October 2003, an additional SRS was completed to identify basements within 200 feet, surface water, and sensitive habitats within 500 feet, hospitals, residential care and childcare facilities within 1,000 feet, and water wells within one-half mile. No basements were observed within 200 feet and no surface water or sensitive habitats were observed within 500 feet.

In March 2004, two soil borings (SB-1 and SB-2) were drilled adjacent to the storm drain located west of the site, and soil and groundwater samples were collected. Soil samples contained up to 43 ppm TPHg and 0.0099 ppm MTBE. BTEX were not detected at concentrations above the reporting limit in the soil samples. Grab groundwater samples contained up to 10,000 ppb TPHg, 430 ppb benzene, 75 ppb toluene, 98 ppb ethylbenzene, 44 ppb xylenes, and 320 ppb MTBE.

In April 2005, soil samples were collected from beneath the site's dispensers and piping following an upgrade of the site's fueling system. Soil samples contained up to 2,700 ppm TPHg, 4.2 ppm benzene, 6.6 ppm toluene, 39 ppm ethylbenzene, 85 ppm xylenes, and 0.30 ppm MTBE. A UST Unauthorized Release/Contamination Site Report was filed on April 26, 2005 in conjunction with over-excavation of impacted soils. Following over-excavation, eight bottom and side-wall samples were collected. Soils samples contained up to 830 ppm TPHg, 1.4 ppm toluene, 4.1 ppm ethylbenzene, 1.5 ppm xylenes, and 0.017 ppm MTBE.

Site History and Description of Corrective Actions (continued):

In April 2006, four soil borings (SB-4, SB-6, SB-7, and SB-8) were advanced on site. Soil boring SB-8 was converted into on-site groundwater monitoring well MW-5. Soil samples from the borings contained up to 1,510 ppm TPHg, 2.90 ppm benzene, 9.47 ppm toluene, 9.46 ppm ethylbenzene, 70.6 ppm xylenes, 0.00970 ppm MTBE, and 0.0142 ppm di-isopropyl ether (DIPE). Grab groundwater samples contained up to 34,000 ppb TPHg, 404 ppb benzene, 22.5 ppb toluene, 110 ppb ethylbenzene, 56.8 ppb xylenes, 29.2 ppb MTBE, 40.2 ppb tertiary-butyl alcohol (TBA), and 26.6 DIPE.

In February 2008, three off-site soil borings (SB-9, SB-10, and SB-11) were advanced southwest and west of well MW-5 to further delineate groundwater impacts down gradient. One on-site soil boring (SB-12) was drilled adjacent to well MW-5 for groundwater data comparison. MTBE was detected in one soil sample at a concentration of 0.0053 ppm in SB-12 at 15.5 fbg. TPHg, BTEX, TBA, DIPE, ethyl tertiary-butyl ether (ETBE), and tertiary-amyl methyl ether (TAME) were not detected at concentrations above the reporting limit in the soil samples. Off-site grab groundwater samples contained up to 1,700 ppb TPHg, 14 ppb toluene, and 120 ppb MTBE. Benzene, ethylbenzene, xylenes, TBA, DIPE, ETBE, and TAME were not detected in the off-site grab groundwater samples. The on-site grab groundwater sample contained 4,900 ppb TPHg, 120 ppb benzene, 11 ppb toluene, 170 ppb ethylbenzene, 42.2 ppb xylenes, 33 ppb MTBE, 100 ppb TBA, and 11 ppb DIPE.

Groundwater monitoring has been conducted at the site since July 1988. Coordinated monitoring and sampling has been conducted with the adjacent former gas station, currently Oakland Auto works at the property of 240 West MacArthur Boulevard, since the fourth quarter of 2003. Significant seasonal variations in groundwater elevations have been observed. Constituent concentrations have generally been highest in monitoring well and MW-5, which is located immediately down gradient of the former UST and dispenser islands. Overall decreases in constituent concentrations have generally been observed in groundwater monitoring results from the site indicating that natural attenuation of dissolved petroleum hydrocarbons is apparently taking place.

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		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use as a gasoline service station only. If a change in land use to any residential or other conservative land use scenario occurs at this site, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: ---
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 5
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ---		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

No soil vapor sampling and analysis using currently accepted quantitative methods has been conducted at the site to evaluate the potential for vapor intrusion to indoor air. The only building currently on site is a kiosk in the central portion of the site. Soil sample results indicate that vadose zone soils with elevated concentrations are generally limited to the dispenser area south of the kiosk. The extent of residual contamination in the area of the dispensers and piping was reduced by over-excavation in the dispenser and piping areas in 2005. The maximum concentration of benzene detected during the most recent groundwater sampling event was 150 ppb and the depth to groundwater was greater than 13 feet. Based on the generally low concentrations of benzene remaining in groundwater and depth to groundwater, the potential for vapor migration from the groundwater surface or capillary fringe to indoor air appears unlikely. Given these limiting site conditions, soil vapor sampling does not appear to be warranted at this time. However, the potential for vapor intrusion to indoor air should be evaluated for future site development in areas of residual contamination.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use as a gasoline service station based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 07/25/12
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature:	Date: 07/25/12

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: 07/31/12	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 10/16/12	Date of Well Decommissioning Report: 12/17/12	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 5	Number Retained: Ø
Reason Wells Retained: ---		
Additional requirements for submittal of groundwater data from retained wells: ---		
ACEH Concurrence - Signature: Jerry Wickham		Date: 01/22/13

Attachments:

1. Vicinity Map (2 p)
2. Site Plan (1 p)
3. Groundwater Contour and Chemical Concentration Map, Concentration Graphs, and Cross Sections (5 pp)
4. Soil Analytical Data (7 pp)
5. Groundwater Analytical Data (12 pp)
6. Boring Logs (26 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

Wickham, Jerry, Env. Health

From: MCcaulou, Cherie@Waterboards [Cherie.MCcaulou@waterboards.ca.gov]
Sent: Tuesday, July 31, 2012 5:11 PM
To: Wickham, Jerry, Env. Health
Subject: RE: RO303 Pending case closure for RO303 230 West MacArthur, Oakland

Jerry – I received your notification and recommendation for case closure of Case No. RO303. We have no comments. Thank you.

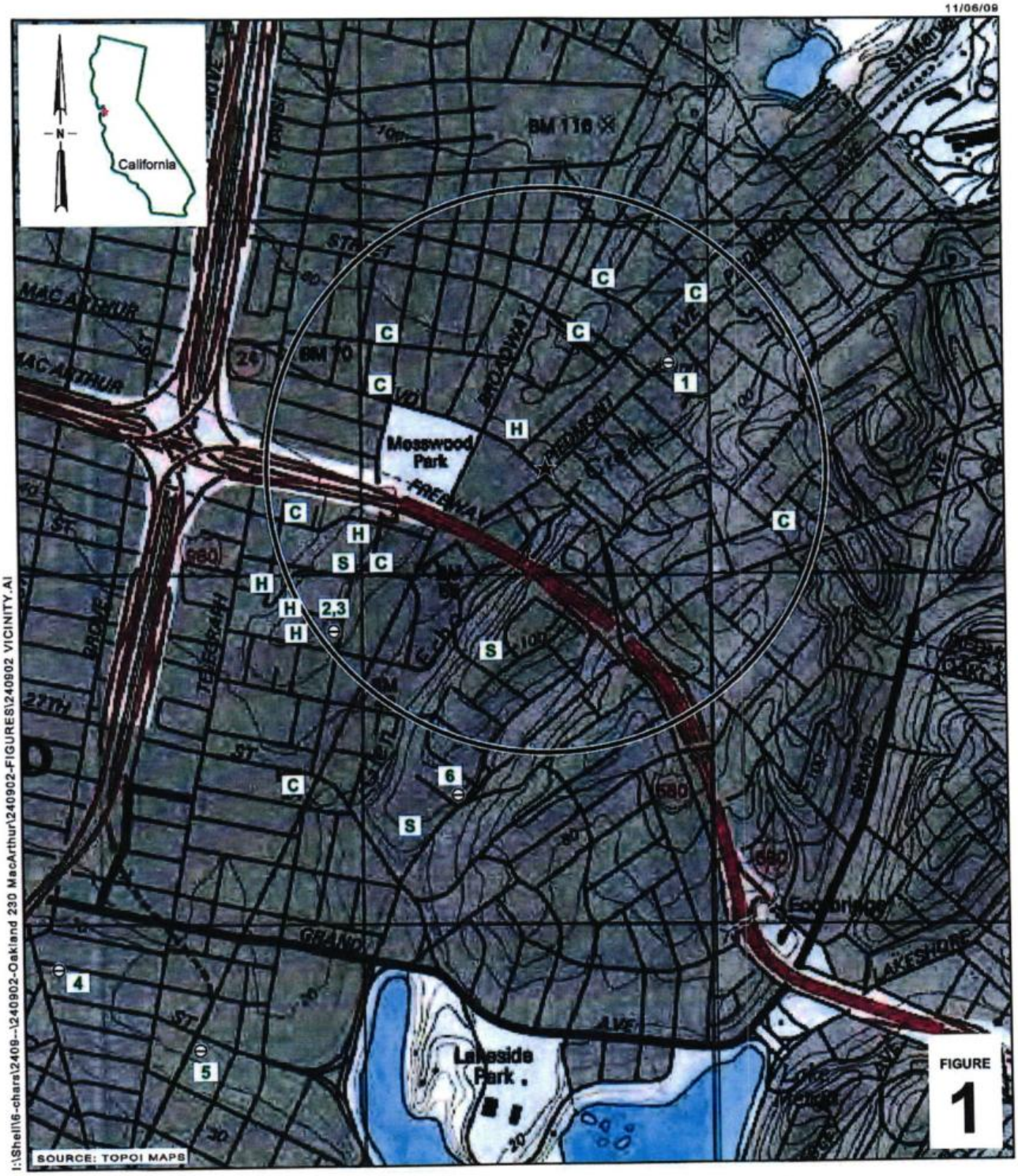
From: Jerry Env. Health Wickham [mailto:jerry.wickham@acgov.org]
Sent: Tuesday, July 31, 2012 2:24 PM
To: MCcaulou, Cherie@Waterboards
Subject: RO303 Pending case closure for RO303 230 West MacArthur, Oakland

Hi Cherie,

This email provides notification of pending closure for ACEH case RO303, 230 West MacArthur, Oakland.

Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

11/06/09



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0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Shell-branded Service Station

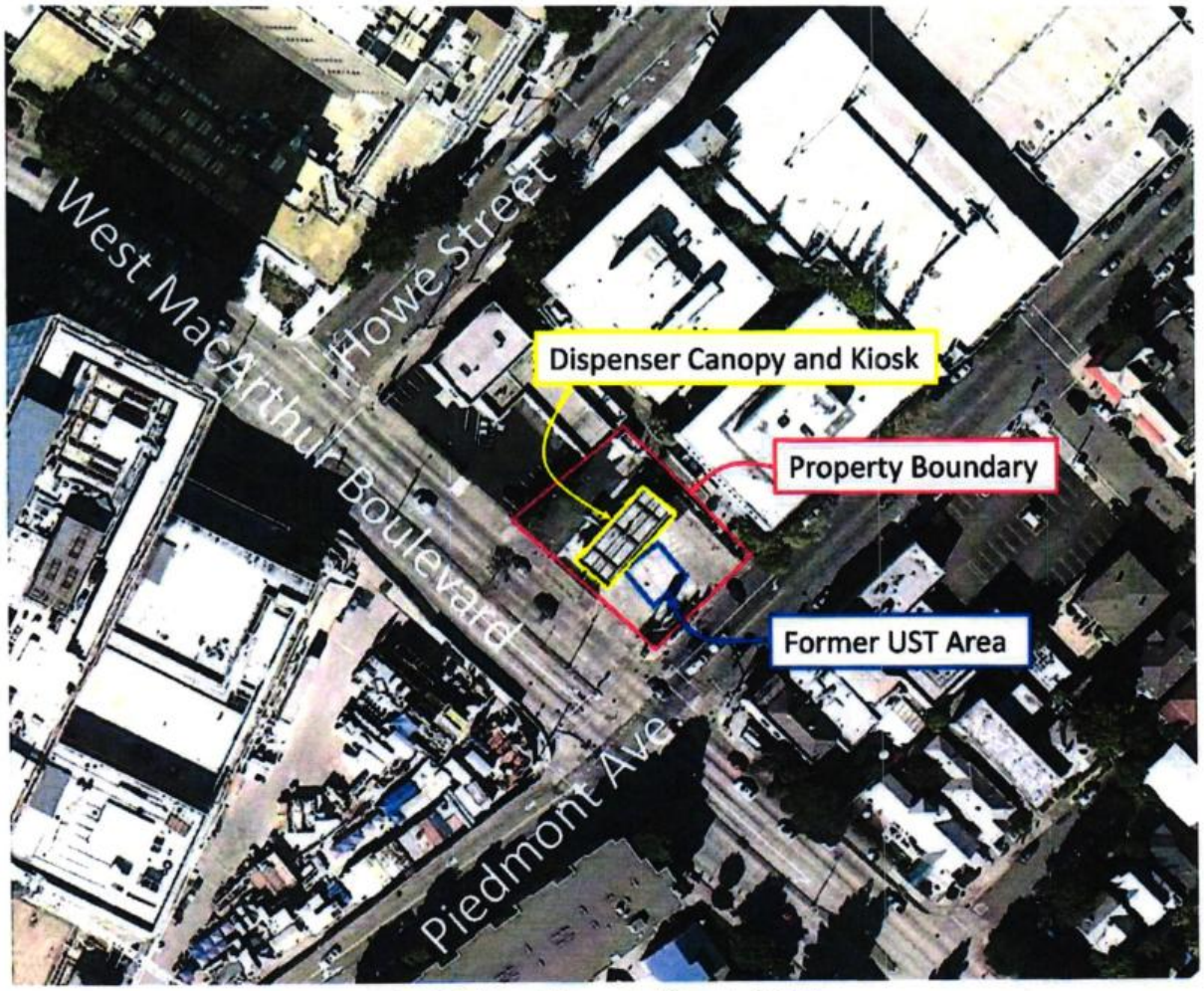
230 West MacArthur Boulevard

Oakland, California

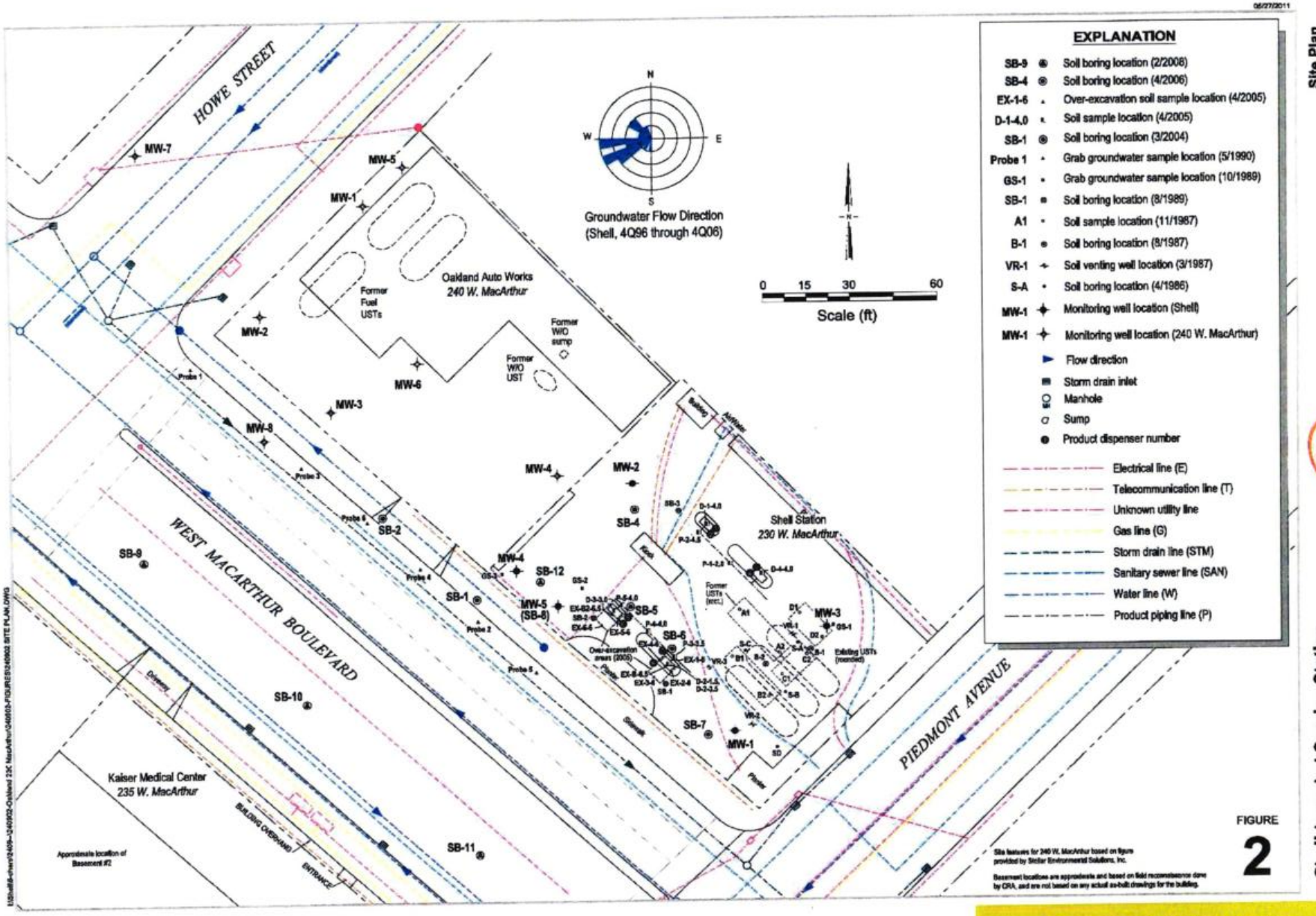
CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

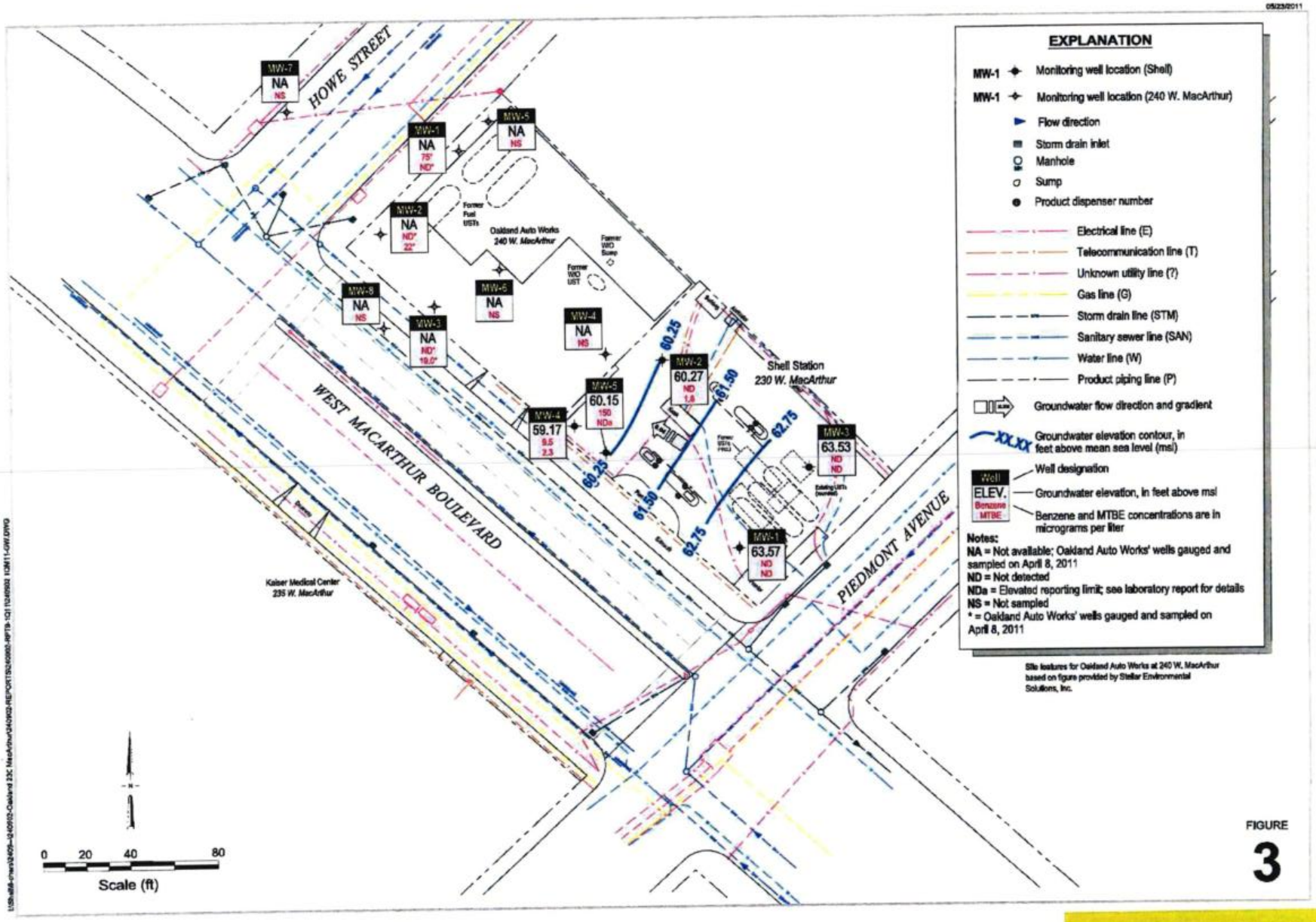
ATTACHMENT 1



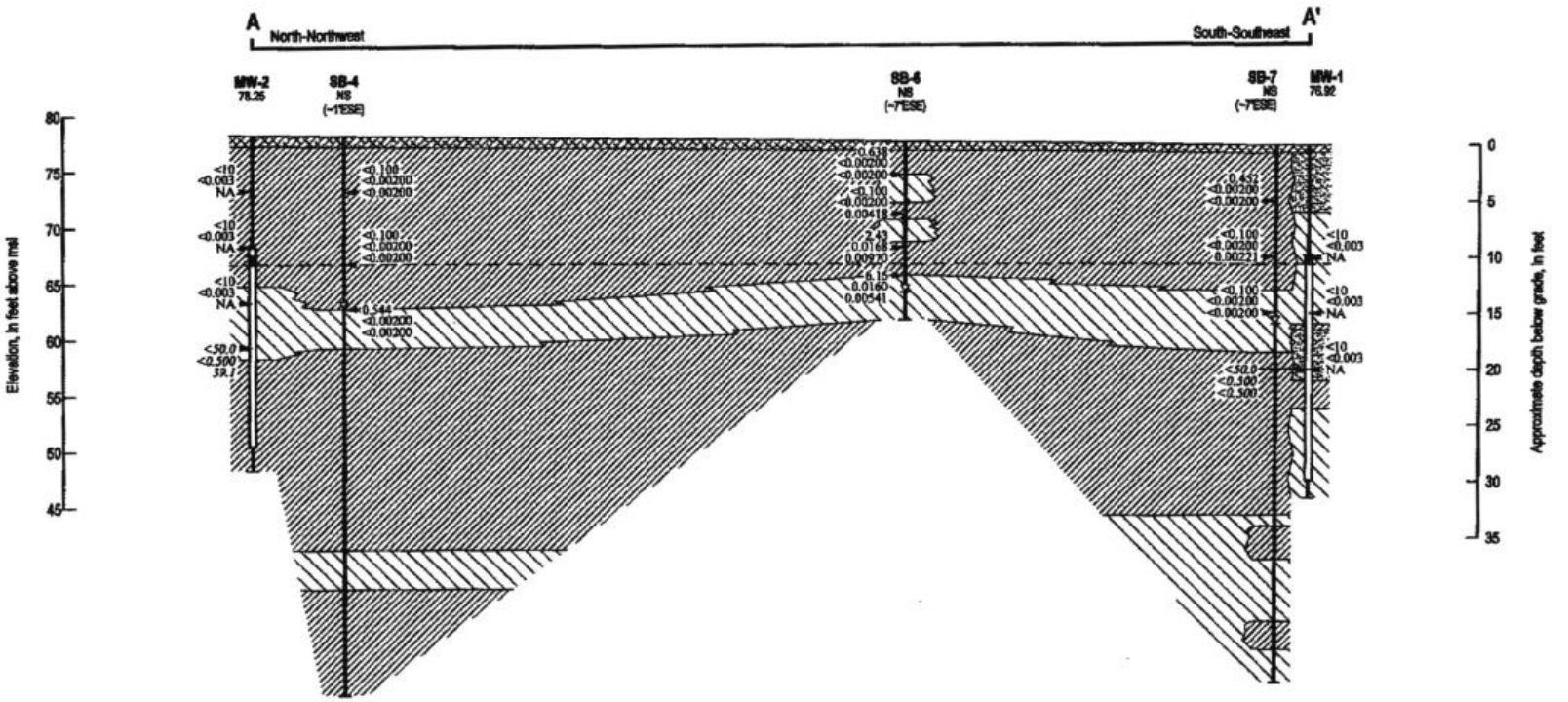
Aerial View of Property (Google, 2012)

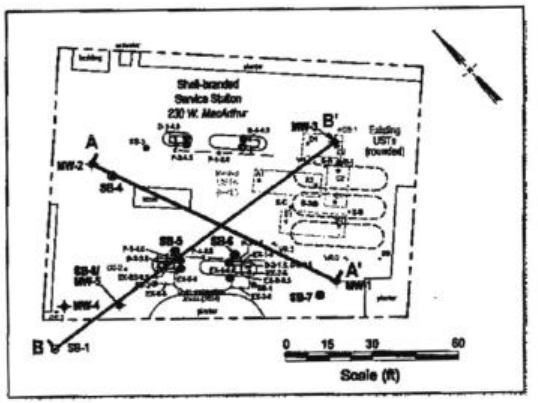


ATTACHMENT 2



ATTACHMENT 3





EXPLANATION

Low Estimated Permeability Soils
- Clay, Sandy Clay, Silt

Moderate Estimated Permeability Soils
- Clayey Sand, Silty Sand, Silty Gravel

High Estimated Permeability Soils
- Sand, Gravel

Approximate soil sample location

TPHg / Benzene / MTBE — Hydrocarbon concentrations in Soil, in ppm

NA — Not analyzed or not available

Well ID — Well Designation

Elev. (offset) — Top of Casing Elevation

Groundwater Monitoring Well

Well Screen Interval

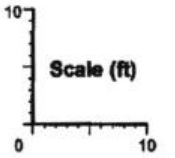
Bottom of boring

Depth of first encountered Groundwater

Depth to Groundwater - 3/30/06

Approximate groundwater sample location

TPHg / Benzene / MTBE — Hydrocarbon concentrations in Groundwater, in ppb - 3/30/06, unless otherwise noted

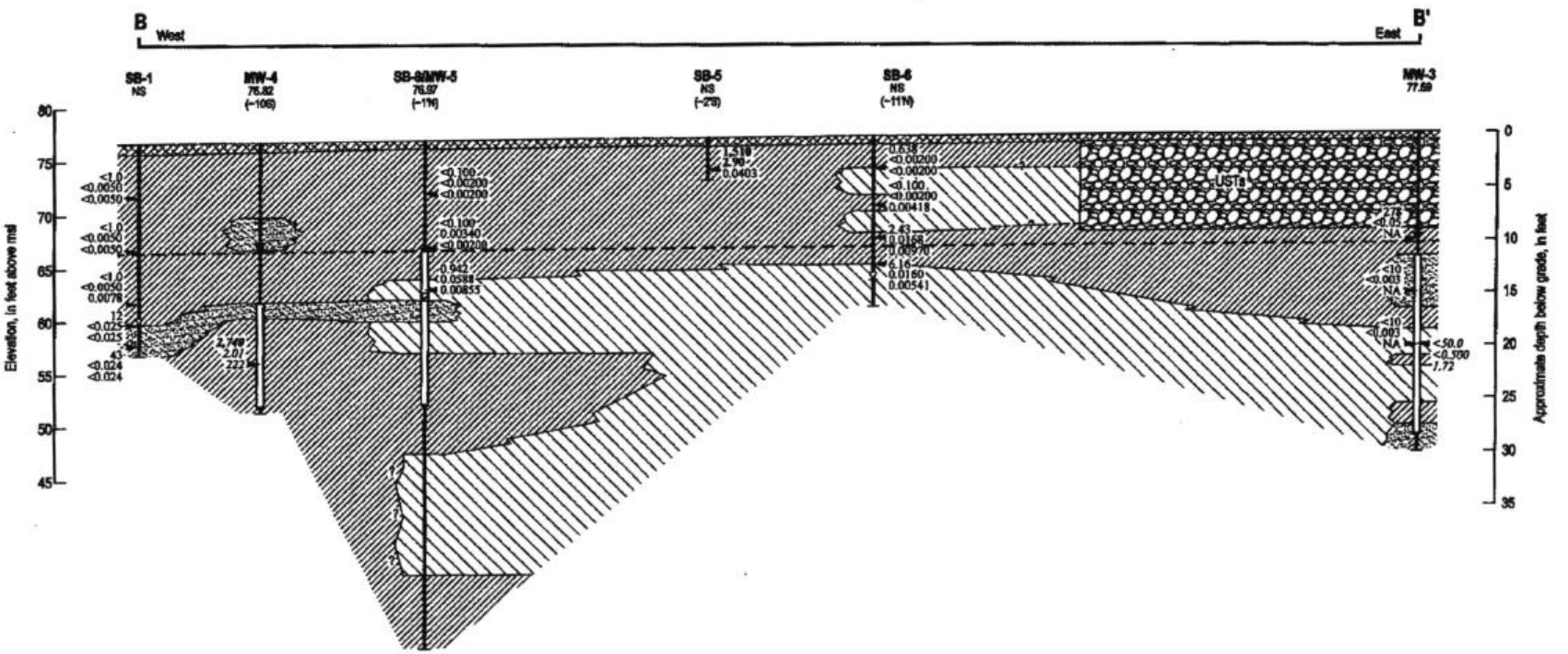


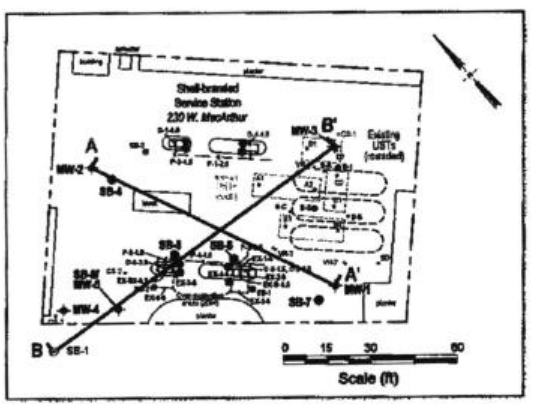
Geological Cross-Section A-A'

CAMBRIA

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.98995741

G:\OAKLAND 230 W. MACARTHUR\FIGURES\A-A'.DWG



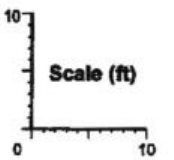


EXPLANATION

- Low Estimated Permeability Soils - Clay, Sandy Clay, Silt
- Moderate Estimated Permeability Soils - Clayey Sand, Silty Sand, Silty Gravel
- High Estimated Permeability Soils - Sand, Gravel
- UST Pit Backfill
- Approximate soil sample location
- TPHg / Benzene / MTBE — Hydrocarbon concentrations in Soil, in ppm
- NA — Not analyzed or not available

Well ID — Well Designation
Elev. (offset) — Top of Casing Elevation
Groundwater Monitoring Well
Well Screen Interval
Bottom of boring
Depth of first encountered Groundwater
Depth to Groundwater - 3/30/06
Approximate groundwater sample location
TPHg / Benzene / MTBE — Hydrocarbon concentrations in Groundwater, in ppb - 3/30/06, unless otherwise noted

Bold values exceed RWQCB ESL



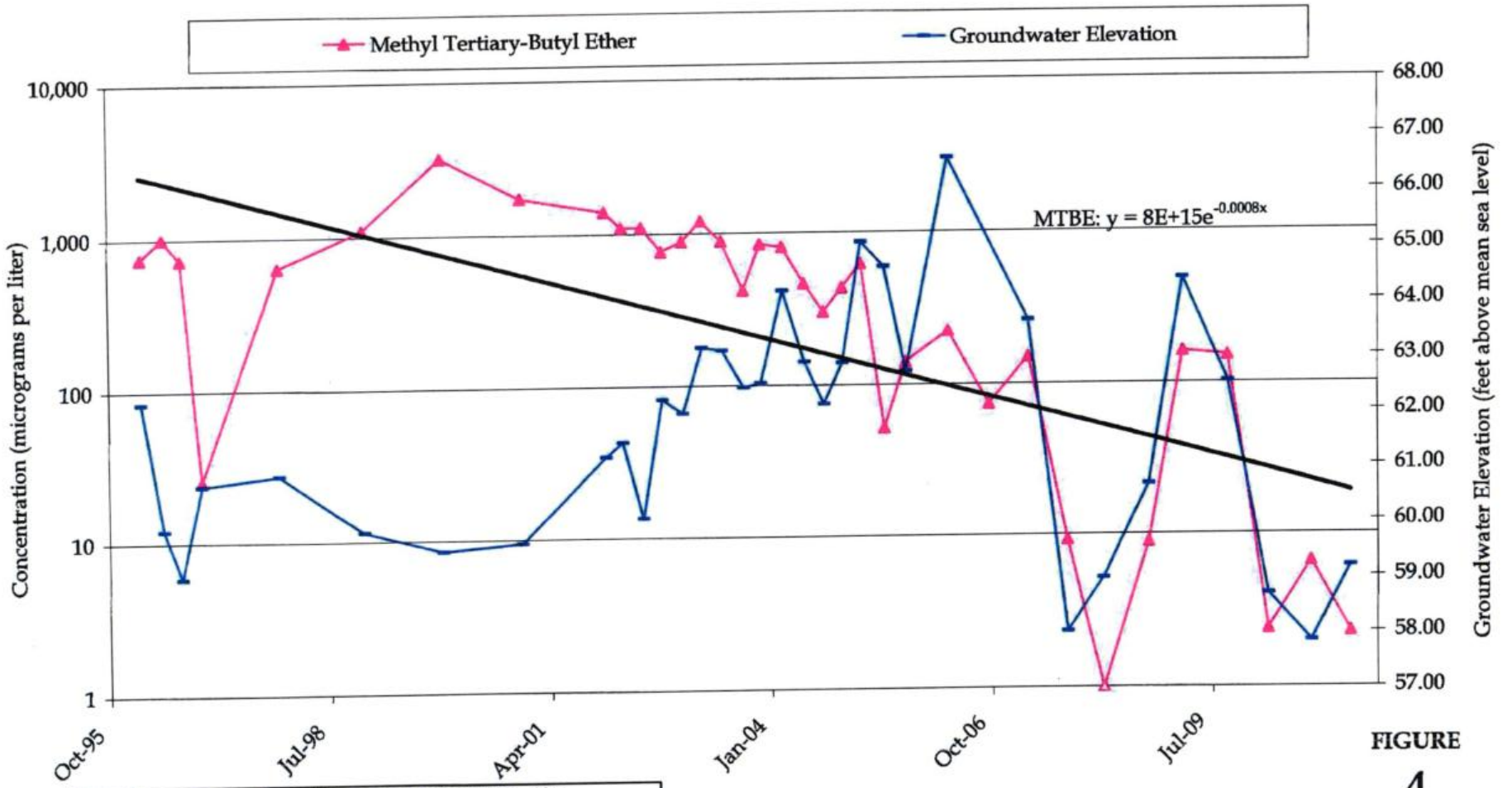
G:\OAKLAND 230 W. MACARTHUR\FIGURES\B-B'.DWG

05/23/06

Geological Cross-Section B-B'

CAMBRIA

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.98985741



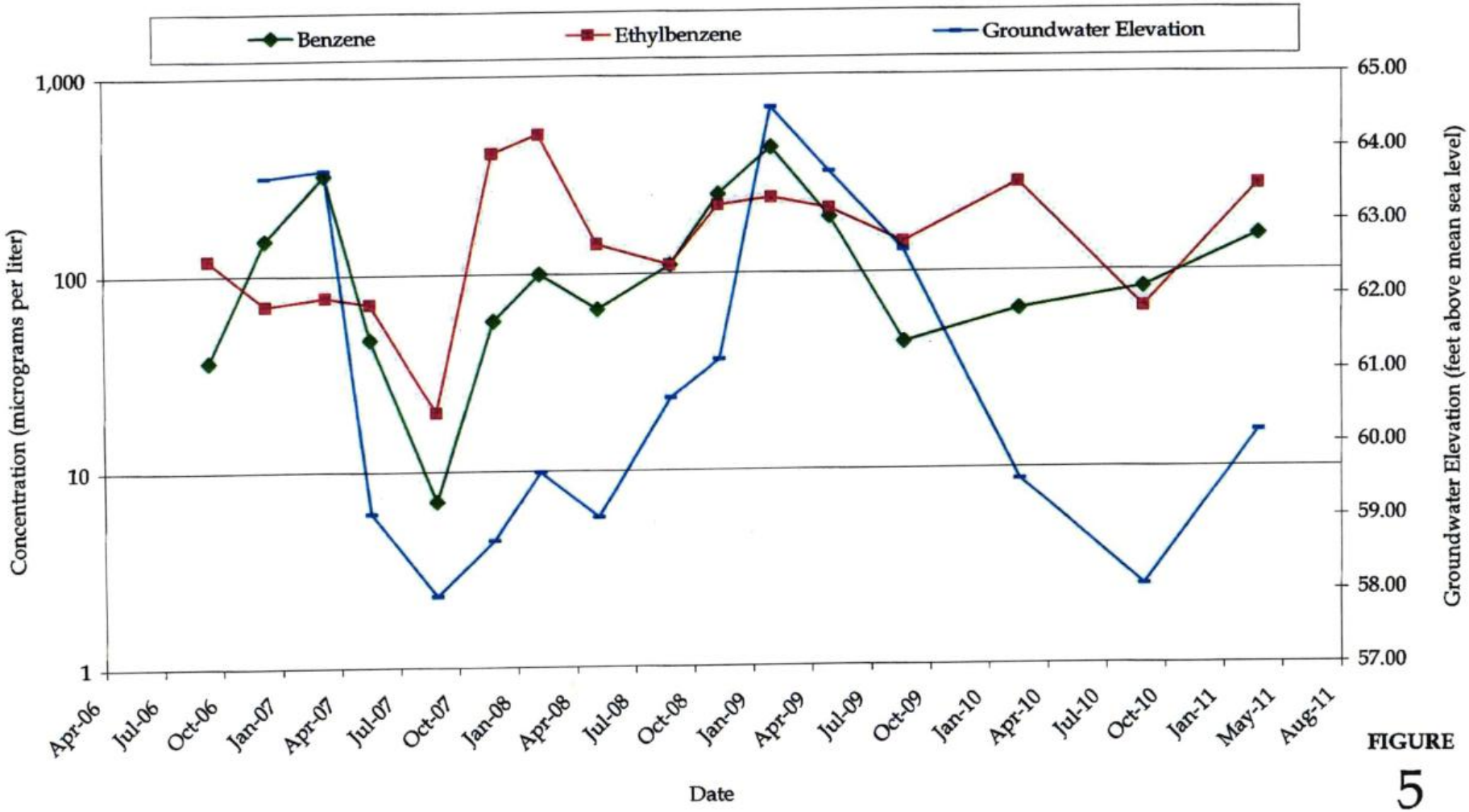
Note: Transparent data points were not detected. The laboratory reporting limits were plotted.

FIGURE 4

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

MW-4:
MTBE Concentration and Groundwater Elevation vs. Time



FIGURE

5

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

MW-5:
Benzene and Ethylbenzene Concentrations and Groundwater Elevation versus Time

TABLE 3

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*Total Lead*	*Organic Lead*
S-A	4/14/1986	4 - 5.5	17[a]	–	–	–	–	–	–	–	–	–	–	–
S-A	4/14/1986	8.5 - 10	1,200[a]	–	–	–	–	–	–	–	–	–	–	–
S-A	4/14/1986	11 - 12.5	4,300[a]	–	–	–	–	–	–	–	–	–	–	–
S-A	4/14/1986	13.5 - 15	ND[a]	–	–	–	–	–	–	–	–	–	–	–
S-B	4/14/1986	5 - 6.5	36[a]	–	–	–	–	–	–	–	–	–	–	–
S-B	4/14/1986	8 - 9.5	78[a]	–	–	–	–	–	–	–	–	–	–	–
S-B	4/14/1986	12 - 13	6.4[a]	–	–	–	–	–	–	–	–	–	11.0[b]	–
										–	–	–		
S-C	4/14/1986	4 - 5.5	ND[a]	–	–	–	–	–	–	–	–	–	–	–
S-C	4/14/1986	7 - 8.5	ND[a]	–	–	–	–	–	–	–	–	–	–	–
S-C	4/14/1986	11 - 12.5	ND[a]	–	–	–	–	–	–	–	–	–	–	–
S-C	4/14/1986	13.5 - 15	5,700[a]	–	–	–	–	–	–	–	–	–	–	–
S-D	4/14/1986	Composite	571[a]	–	–	–	–	–	–	–	–	–	–	–
B-1 @ 4'	8/28/1987	4	412	<0.05	<0.05	<0.1	5.4	–	–	–	–	–	65.9[d]	–
B-1 @ 6'	8/28/1987	6	1,440	<0.05	<0.05	<0.1	130	–	–	–	–	–	26.4[d]	–
B-1 @ 8'	8/28/1987	8	1,870	<0.05	4.3	14	325	–	–	–	–	–	14.3[d]	–
B-1 @ 10'	8/28/1987	10	<10	<0.05	<0.050	<0.1	<0.1	–	–	–	–	–	<5[d]	–
B-1 @ 12'	8/28/1987	12	122	0.60	0.36	0.38	0.33	–	–	–	–	–	<5[d]	–
B-1 @ 14'	8/28/1987	14	52	<0.05	<0.05	<0.1	<0.1	–	–	–	–	–	<5[d]	–
B-2 @ 5'	8/28/1987	5	<10	<0.05	1.5	5.7	<0.1	–	–	–	–	–	<5[d]	–
B-2 @ 6-7'	8/28/1987	6 - 7	<10	<0.05	0.37	0.55	<0.1	–	–	–	–	–	<5[d]	–

ATTACHMENT 4

TABLE 3

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Total Lead	Organic Lead
B-2 @ 8-9'	8/28/1987	8 - 9	<10	0.5	0.4	0.3	<0.1	–	–	–	–	–	<5[d]	–
B-2 @ 10'	8/28/1987	10	<10	<0.05	<0.05	<0.1	<0.1	–	–	–	–	–	<5[d]	–
B-2 @ 12'	8/28/1987	12	<10	<0.05	<0.05	<0.1	<0.1	–	–	–	–	–	<5[d]	–
A1	11/5/1987	15	380	1.6	2.2	–	55	–	–	–	–	–	–	–
A2	11/5/1987	15	310	1.3	1.3	–	33	–	–	–	–	–	–	–
B1	11/5/1987	15	480	4.3	0.5	–	22	–	–	–	–	–	–	–
B2	11/5/1987	15	9.1	1.6	0.3	–	0.1	–	–	–	–	–	–	–
C1	11/5/1987	15	12	1.5	<0.1	–	1.1	–	–	–	–	–	–	–
C2	11/5/1987	15	170	4.1	<0.1	–	2.4	–	–	–	–	–	–	–
D1	11/5/1987	15	8.6	<0.1	<0.1	–	<0.10	–	–	–	–	–	–	–
D2	11/5/1987	15	44	<0.1	<0.1	–	5.3	–	–	–	–	–	–	–
MW1-2	7/11/1988	10	<10	<0.003	0.0116	<0.003	<0.003	–	–	–	–	–	–	–
MW1-3	7/11/1988	15	<10	<0.003	0.0129	<0.003	0.0051	–	–	–	–	–	–	–
MW1-4	7/11/1988	20	<10	<0.003	0.0230	<0.003	<0.003	–	–	–	–	–	–	–
MW2-1	7/11/1988	5	<10	<0.003	0.0161	<0.003	<0.003	–	–	–	–	–	–	–
MW2-2	7/11/1988	10	<10	<0.003	0.0093	<0.003	<0.003	–	–	–	–	–	–	–
MW2-3	7/11/1988	15	<10	<0.003	0.010	<0.003	<0.003	–	–	–	–	–	–	–
MW3-1	7/12/1988	10	278	<0.050	0.388	<0.003	0.411	–	–	–	–	–	11[e]	–
MW3-2	7/12/1988	15	<10	<0.003	0.0367	<0.003	<0.003	–	–	–	–	–	8.3[e]	–
MW3-3	7/12/1988	20	<10	<0.003	0.0304	0.0076	<0.003	–	–	–	–	–	–	–

TABLE 3

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*Total Lead*	*Organic Lead*
SB1-1	8/16/1989	5	<1.0	<0.05	<0.1	<0.1	<0.1	–	–	–	–	–	–	–
SB1-2	8/16/1989	10	<1.0	<0.05	<0.1	<0.1	<0.1	–	–	–	–	–	–	–
SB1-3	8/16/1989	15	<1.0	<0.05	<0.1	<0.1	<0.1	–	–	–	–	–	–	–
SB1 (composite)	8/16/1989	Composite	–	–	–	–	–	–	–	–	–	–	4.5[a]	<0.05
SB2-1	8/16/1989	5.5	<1.0	<0.05	<0.1	<0.1	<0.1	–	–	–	–	–	–	–
SB2-2	8/16/1989	10.5	<1.0	<0.05	<0.1	<0.1	<0.1	–	–	–	–	–	–	–
SB2-3	8/16/1989	15.5	**490**	<0.05	0.28	1.3	1.0	–	–	–	–	–	–	–
SB2 (composite)	8/16/1989	Composite	–	–	–	–	–	–	–	–	–	–	2.5[a]	<0.05
SB3-1	8/16/1989	4.5	6.6	<0.05	0.26	0.14	0.63	–	–	–	–	–	–	–
SB3-2	8/16/1989	9.5	<1.0	<0.05	<0.1	<0.1	<0.1	–	–	–	–	–	–	–
SB3-3	8/16/1989	15.5	<1.0	<0.05	<0.1	<0.1	<0.1	–	–	–	–	–	–	–
SB3 (composite)	8/16/1989	Composite	–	–	–	–	–	–	–	–	–	–	5.5[a]	<0.05
SB-1-5'	3/24/2004	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–
SB-1-10'	3/24/2004	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–
SB-1-15'	3/24/2004	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.0078	–	–	–	–	–	–
SB-1-17'	3/24/2004	17	12	<0.025	<0.025	<0.025	<0.025	<0.025	–	–	–	–	–	–
SB-1-19.5'	3/24/2004	19.5	43	<0.024	<0.024	<0.024	<0.024	<0.024	–	–	–	–	–	–
SB-2-5'	3/24/2004	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–
SB-2-10'	3/24/2004	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–
SB-2-15'	3/24/2004	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	–	–	–	–	–	–
SB-2-17'	3/24/2004	17	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.0099	–	–	–	–	–	–

TABLE 3

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*Total Lead*	*Organic Lead*
SB-2-19.5'	3/24/2004	19.5	10	<0.025	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	--
D-1-4.0	4/18/2005	4.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	6.2	--
D-2-1.5	4/18/2005	1.5	**1,700**	<0.40	2.4	3.8	5.4	<0.40	<2.0	<0.40	<0.40	<0.40	130	--
D-2-3.5	4/18/2005	3.5	**940**	0.060	6.6	**9.5**	**85**	<0.025	<0.15	<0.025	<0.025	<0.025	8.0	--
D-3-3.0	4/18/2005	3.0	2.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	6.5	--
D-4-4.0	4/18/2005	4.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	<0.0050	<0.0050	<0.0050	<0.0050	8.1	--
P-1-2.0	4/18/2005	2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	4.2	--
P-2-4.5	4/18/2005	4.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	9.7	--
P-3-3.5	4/18/2005	3.5	**620**	<0.025	0.20	1.6	6.1	0.066	0.18	<0.025	<0.025	<0.025	22	--
P-4-4.0	4/18/2005	4.0	**2,700**	**4.2**	1.6	**39**	**78**	0.30	<1.5	<0.25	<0.25	<0.25	140	--
P-5-4.0	4/18/2005	4.0	**1,600**	**0.98**	0.28	**7.4**	**13**	<0.25	<1.5	<0.25	<0.25	<0.25	11	--
EX-1-6	4/28/2005	6.0	**830**	<0.50	1.4	4.1	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	7.2	--
EX-2-6	4/28/2005	6.0	**200**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	7.1	--
EX-3-6	4/28/2005	6.0	7.3	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.015	<0.010	<0.0050	<0.0050	4.1	--
EX-4-6	4/28/2005	6.0	21	<0.023	<0.023	<0.023	<0.023	<0.023	<0.046	<0.023	<0.023	<0.023	12	--

TABLE 3

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Total Lead	Organic Lead
EX-B-6.5	4/28/2005	6.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.017	<0.010	<0.0050	<0.0050	3.6	--
EX-5-6	4/28/2005	6.0	7.6	<0.019	<0.019	<0.019	0.10	<0.019	<0.038	<0.038	<0.019	<0.019	4.1	--
EX-6-6	4/28/2005	6.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.013	<0.010	<0.0050	<0.0050	7.3	--
EX-B2-6.5	4/28/2005	6.5	**260**	<0.50	<0.50	1.6	1.5	<0.50	<2.5	3.3	<0.50	<0.50	4.0	--
SB-4-5	4/4/2006	5.0	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-4-11.5	4/5/2006	11.5	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-4-15.5	4/5/2006	15.5	0.544	<0.00200	0.119	0.00995	0.0388	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-5-3	4/4/2006	3.0	**1,510[f]**	**2.90[f]**	**9.47[f]**	**9.46[f]**	**70.6[f]**	0.00403	<0.0500	0.0142	<0.00500	<0.00200	--	--
SB-6-3	4/4/2006	3.0	0.638	<0.00200	<0.00200	<0.00200	<0.00500	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-6-6.5	4/5/2006	6.5	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	0.00418	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-6-9.5	4/5/2006	9.5	2.43	0.0168	<0.00200	0.00746	<0.00500	0.00970	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-6-12	4/6/2006	12.0	6.16	0.0160	<0.00200	0.0319	0.0222	0.00541	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-7-5	4/4/2006	5.0	0.452	<0.00200	<0.00200	0.00325	0.0199	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-7-10	4/6/2006	10.0	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	0.00221	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-7-15	4/6/2006	15.0	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-8-5	4/4/2006	5.0	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-8-10	4/6/2006	10.0	<0.100	0.00340	<0.00200	<0.00200	<0.00500	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	--	--
SB-8-14	4/6/2006	14.0	0.942	0.0588	0.00204	0.00416	<0.00500	0.00855	<0.0500	0.0132	<0.00500	<0.00200	--	--
SB-9-7	2/1/2008	7	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--

TABLE 3

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*Total Lead*	*Organic Lead*
SB-9-11.5	2/1/2008	11.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-9-15.5	2/1/2008	15.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-10-7	2/1/2008	7	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-10-11.5	2/1/2008	11.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-10-15.5	2/1/2008	15.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-11-7.5	2/1/2008	7.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-11-11.5	2/1/2008	11.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-11-15.5	2/1/2008	15.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-12-7.5	2/1/2008	7.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-12-11	2/1/2008	11	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	<0.010	<0.010	<0.010	--	--
SB-12-15.5	2/1/2008	15.5	<0.50[g]	<0.0050	<0.0050	<0.0050	<0.010	0.0053	<0.050	<0.010	<0.010	<0.010	--	--
Shallow Soil (≤10 fbg) ESL[h]:			180	0.27	9.3	4.7	11	8.4	110	NA	NA	NA	750	NA
Deep Soil (>10 fbg) ESL[h]:			180	2.0	9.3	4.7	11	8.4	110	NA	NA	NA	750	NA

Notes:

All results in milligrams per kilogram (mg/kg) unless otherwise indicated.
fbg = Feet below grade
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; before 2004, analyzed by EPA Method 8015 unless otherwise noted
Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B; before 2004, analyzed by EPA Method 8020
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

TABLE 3

HISTORICAL SOIL ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*Total Lead*	*Organic Lead*

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
Total Lead analyzed by EPA Method 6010 unless otherwise noted
Organic lead analyzed by Cal LUFT Manual, 12/87 unless otherwise noted
ND = Not detected; detection limit unknown
<x = Not detected at reporting limit x
-- = Not analyzed
ESL = Environmental screening level
NA= No available ESL
Results in **bold** equal or exceed applicable ESL
Shading indicates that soil sample location was subsequently excavated; results are not representative of residual soil.

a = Analytical method is unknown
b = Total lead analyzed by unknown method
c = Composite of four samples taken from depths of 4 - 5 fbg, 7 - 8.5 fbg, 11 - 12.5 fbg, and 13.5 - 15 fbg
d = Lead analyzed by EPA Method 7421
e = Total lead analyzed by EPA Method 7240
f = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
g = Analyzed by EPA Method 8015M
h = San Francisco Bay Regional Water Quality Control Board commercial/industrial ESL for soil where groundwater is not a source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater* , California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	7/14/1988	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.30	60.59
MW-1	10/4/1988	ND	8	4.3	ND	9	—	—	—	—	—	—	—	—	73.89	13.65	60.24
MW-1	11/10/1988	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.55	60.34
MW-1	12/9/1988	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.22	60.67
MW-1	1/10/1989	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	73.89	12.86	61.03
MW-1	1/20/1989	ND	ND	—	—	ND	—	—	—	—	—	—	—	—	73.89	12.91	60.98
MW-1	2/6/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	12.94	60.95
MW-1	3/10/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	12.59	61.30
MW-1	6/6/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.05	59.84
MW-1	9/7/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.92	58.97
MW-1	12/18/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.88	59.01
MW-1	3/8/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.08	59.81
MW-1	6/7/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.89	60.00
MW-1	9/5/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.83	59.06
MW-1	12/3/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	15.05	58.84
MW-1	3/1/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.34	59.55
MW-1	6/3/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.16	59.73
MW-1	9/4/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.60	59.29
MW-1	3/13/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.40	60.49
MW-1	6/3/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.76	60.13
MW-1	8/19/1992	87	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.57	59.32
MW-1	11/16/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.78	59.11
MW-1	2/18/1993	59 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	12.14	61.75
MW-1	6/1/1993	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.30	60.59
MW-1	8/30/1993	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.32	59.57
MW-1	12/13/1993	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.06	59.83
MW-1	3/3/1994	100	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.12	60.77
MW-1	6/6/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.20	59.69
MW-1	9/12/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	15.72	58.17
MW-1	12/15/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	12.98	60.91
MW-1	3/13/1995 b	60	4.7	9.8	ND	2.9	—	—	—	—	—	—	—	—	73.89	11.74	62.15
MW-1	4/21/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	—	—
MW-1	6/26/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	13.00	60.89
MW-1	9/12/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	73.89	14.14	59.75
MW-1	3/21/1996	<50	<0.5	<0.5	<0.5	<0.5	ND	—	—	—	—	—	—	—	73.89	11.03	62.86
MW-1	6/28/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	73.89	13.53	60.36
MW-1	9/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	73.89	14.33	59.56
MW-1	12/19/1996	—	—	—	—	—	—	—	—	—	—	—	—	—	73.89	13.20	60.69
MW-1	12/5/1997	—	—	—	—	—	—	—	—	—	—	—	—	—	73.89	12.39	61.50

ATTACHMENT 5

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/24/1998	—	—	—	—	—	—	—	—	—	—	—	—	—	73.89	13.59	60.30
MW-1	12/23/1999	—	—	—	—	—	—	—	—	—	—	—	—	—	73.89	15.63	58.26
MW-1	12/11/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	73.89	15.36	58.53
MW-1	12/27/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	73.89	12.09	61.80
MW-1	3/12/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	73.89	12.33	61.56
MW-1	3/14/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	73.89	12.08	61.81
MW-1	6/13/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	73.89	13.47	60.42
MW-1	9/9/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	14.30	62.62
MW-1	12/12/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	14.48	62.44
MW-1	3/10/2003	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	76.92	12.76	64.16
MW-1	6/10/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	13.17	63.75
MW-1	9/16/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	14.10	62.82
MW-1	12/3/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	13.93	62.99
MW-1	3/11/2004	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	—	—	—	—	—	—	76.92	12.04	64.88
MW-1	6/17/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	13.75	63.17
MW-1	9/13/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	14.47	62.45
MW-1	12/7/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	13.04	63.88
MW-1	3/3/2005	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<2.0	<2.0	<2.0	<5.0	—	—	76.92	11.31	65.61
MW-1	6/14/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	11.87	65.05
MW-1	9/19/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	13.91	63.01
MW-1	3/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	—	—	—	—	<0.500	<0.500	76.92	10.60	66.32
MW-1	9/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	14.06	62.86
MW-1	9/28/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<0.500	<0.500	<0.500	<10.0	—	—	76.92	—	—
MW-1	12/26/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	13.05	63.87
MW-1	3/29/2007	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	76.92	12.87	64.05
MW-1	6/7/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	15.53	61.39
MW-1	9/18/2007	<50 g	<0.50	<1.0	<1.0	<1.0	—	<1.0	<2.0	<2.0	<2.0	<10	—	—	76.92	15.64	61.28
MW-1	12/17/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	15.15	61.77
MW-1	2/27/2008	<50 g	<0.50	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	76.92	14.41	62.51
MW-1	5/28/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	14.40	62.52
MW-1	9/19/2008	59	<0.50	<1.0	<1.0	<1.0	—	<1.0	<2.0	<2.0	<2.0	<10	—	—	76.92	14.74	62.18
MW-1	12/4/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	14.80	62.12
MW-1	2/25/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	76.92	11.91	65.01
MW-1	5/26/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	76.92	12.73	64.19
MW-1	9/18/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<2.0	<2.0	<2.0	<10	—	—	76.92	13.82	63.10
MW-1	3/16/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	76.92	14.60	62.32
MW-1	9/27/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<2.0	<2.0	<2.0	<10	—	—	76.92	15.46	61.46
MW-1	**3/25/2011**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	—	**<1.0**	—	—	—	—	—	—	**76.92**	**13.35**	**63.57**

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	7/14/1988	ND	7.9	2.6	1.1	4	—	—	—	—	—	—	—	—	75.24	15.18	60.06
MW-2	10/4/1988	90	ND	1.3	2.3	12	—	—	—	—	—	—	—	—	75.24	15.30	59.94
MW-2	11/10/1988	ND	ND	ND	ND	2	—	—	—	—	—	—	—	—	75.24	15.17	60.07
MW-2	12/9/1988	ND	ND	0.6	ND	3	—	—	—	—	—	—	—	—	75.24	14.82	60.42
MW-2	1/20/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.54	60.70
MW-2	2/6/1989	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.59	60.65
MW-2	3/10/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.88	60.36
MW-2	6/6/1989	ND	ND	0.5	ND	ND	—	—	—	—	—	—	—	—	75.24	15.30	59.94
MW-2	9/7/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.76	58.48
MW-2	12/18/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.65	58.59
MW-2	3/8/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.92	59.32
MW-2	6/7/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.10	59.14
MW-2	9/5/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.61	58.63
MW-2	12/3/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	17.06	58.18
MW-2	3/1/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.62	58.62
MW-2	6/3/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.65	58.59
MW-2	9/4/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.57	58.67
MW-2	3/13/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.66	60.58
MW-2	6/3/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.90	59.34
MW-2	8/19/1992	67	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.72	58.52
MW-2	11/16/1992	50	ND	ND	ND	1.2	—	—	—	—	—	—	—	—	75.24	16.66	58.58
MW-2	2/18/1993	52 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	13.88	61.36
MW-2 (D)	2/18/1993	52 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	13.88	61.36
MW-2	6/1/1993	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.74	60.50
MW-2	8/30/1993	70 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.85	59.39
MW-2	12/13/1993	68 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.83	59.41
MW-2	3/3/1994	280 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.80	60.44
MW-2	6/6/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.65	58.59
MW-2	9/12/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.72	58.52
MW-2	12/15/1994	230 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.25	59.99
MW-2	3/13/1995	ND	2.9	6.3	ND	2.7	—	—	—	—	—	—	—	—	75.24	15.32	59.92
MW-2	4/21/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	—	—
MW-2	6/26/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.65	60.59
MW-2	9/12/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.78	59.46
MW-2	3/21/1996	<50	<0.5	<0.5	<0.5	<0.5	ND	—	—	—	—	—	—	—	75.24	12.72	62.52
MW-2	6/28/1996	<50	<0.5	<0.5	<0.5	<0.5	160	—	—	—	—	—	—	—	75.24	14.95	60.29
MW-2	9/19/1996	<50	<0.5	<0.5	<0.5	<0.5	27	—	—	—	—	—	—	—	75.24	15.64	59.60
MW-2	12/19/1996	—	—	—	—	—	—	—	—	—	—	—	—	—	75.24	14.47	60.77
MW-2	12/5/1997	—	—	—	—	—	—	—	—	—	—	—	—	—	75.24	14.22	61.02

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	12/24/1998	—	—	—	—	—	—	—	—	—	—	—	—	—	75.24	14.97	60.27
MW-2	12/23/1999	—	—	—	—	—	—	—	—	—	—	—	—	—	75.24	16.07	59.17
MW-2	12/11/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	75.24	15.78	59.46
MW-2	12/27/2001	—	—	—	—	—	—	95	—	—	—	—	—	—	75.24	14.25	60.99
MW-2	3/14/2002	120	<0.50	<0.50	<0.50	<0.50	—	31	—	—	—	—	—	—	75.24	14.59	60.65
MW-2	6/13/2002	100	<0.50	<0.50	<0.50	<0.50	—	32	—	—	—	—	—	—	75.24	14.58	60.66
MW-2	9/9/2002	90	<0.50	<0.50	<0.50	<0.50	—	54	—	—	—	—	—	—	78.25	15.49	62.76
MW-2	12/12/2002	92	<0.50	<0.50	<0.50	<0.50	—	21	—	—	—	—	—	—	78.25	16.21	62.04
MW-2	3/10/2003	110	<0.50	<0.50	<0.50	<0.50	—	33	—	—	—	—	—	—	78.25	14.33	63.92
MW-2	6/10/2003	<50	<0.50	<0.50	<0.50	<1.0	—	49	—	—	—	—	—	—	78.25	14.48	63.77
MW-2	9/16/2003	<50	<0.50	<0.50	<0.50	<1.0	—	39	—	—	—	—	—	—	78.25	15.45	62.80
MW-2	12/3/2003	56 a	<0.50	<0.50	<0.50	<1.0	—	3.6	—	—	—	—	—	—	78.25	15.60	62.65
MW-2	3/11/2004	58 a	<0.50	<0.50	<0.50	<1.0	—	67	—	—	—	—	—	—	78.25	13.78	64.47
MW-2	6/17/2004	<50	<0.50	<0.50	<0.50	<1.0	—	40	—	—	—	—	—	—	78.25	14.87	63.38
MW-2	9/13/2004	68 d	<0.50	<0.50	<0.50	<1.0	—	44	<2.0	<2.0	<2.0	<5.0	—	—	78.25	15.85	62.40
MW-2	12/7/2004	<50 e	<0.50	<0.50	<0.50	<1.0	—	54	—	—	—	—	—	—	78.25	15.17	63.08
MW-2	3/3/2005	110 e	<0.50	<0.50	<0.50	<1.0	—	82	—	—	—	—	—	—	78.25	13.38	64.87
MW-2	6/14/2005	<50 e	<0.50	<0.50	<0.50	<1.0	—	29	—	—	—	—	—	—	78.25	13.95	64.30
MW-2	9/19/2005	<50	<0.50	<0.50	<0.50	<1.0	—	31	<2.0	<2.0	<2.0	5.6	—	—	78.25	14.78	63.47
MW-2	3/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	39.1	—	—	—	—	<0.500	<0.500	78.25	11.60	66.65
MW-2	9/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	78.25	15.42	62.83
MW-2	9/28/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	16.7	<0.500	<0.500	<0.500	<10.0	—	—	78.25	—	—
MW-2	12/26/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	78.25	14.60	63.65
MW-2	3/29/2007	<50	<0.50	<1.0	<1.0	<1.0	—	13	—	—	—	—	—	—	78.25	14.28	63.97
MW-2	6/7/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	78.25	18.20	60.05
MW-2	9/18/2007	72 g	<0.50	<1.0	<1.0	<1.0	—	1.3	<2.0	<2.0	<2.0	<10	—	—	78.25	19.70	58.55
MW-2	12/17/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	78.25	15.50	62.75
MW-2	2/27/2008	60 g	<0.50	<1.0	<1.0	<1.0	—	18	—	—	—	—	—	—	78.25	18.12	60.13
MW-2	5/28/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	78.25	18.75	59.50
MW-2	9/19/2008	210	<0.50	<1.0	<1.0	<1.0	—	15	<2.0	<2.0	<2.0	<10	—	—	78.25	17.35	60.90
MW-2	12/4/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	78.25	16.78	61.47
MW-2	2/25/2009	120	<0.50	<1.0	<1.0	<1.0	—	11	—	—	—	—	—	—	78.25	13.92	64.33
MW-2	5/26/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	78.25	14.50	63.75
MW-2	9/18/2009	130	<0.50	<1.0	<1.0	<1.0	—	5.6	<2.0	<2.0	<2.0	<10	—	—	78.25	14.92	63.33
MW-2	3/16/2010	110	<0.50	<1.0	<1.0	<1.0	—	7.6	—	—	—	—	—	—	78.25	18.16	60.09
MW-2	9/27/2010	270	<0.50	<1.0	<1.0	<1.0	—	<1.0	<2.0	<2.0	<2.0	<10	—	—	78.25	20.81	57.44
MW-2	**3/25/2011**	**120 h**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	—	**1.8**	—	—	—	—	—	—	**78.25**	**17.98**	**60.27**
MW-3	7/14/1988	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.05	60.63

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	10/4/1988	ND	ND	ND	ND	5	—	—	—	—	—	—	—	—	74.68	14.60	60.08
MW-3	11/10/1988	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.35	60.33
MW-3	12/9/1988	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.04	60.64
MW-3	1/10/1989	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	74.68	13.70	60.98
MW-3	1/20/1989	—	—	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	13.72	60.96
MW-3	2/6/1989	70	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	13.75	60.93
MW-3	3/10/1989	150	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	13.42	61.26
MW-3	6/6/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.52	60.16
MW-3	9/7/1989	ND	0.65	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	15.52	59.16
MW-3	12/18/1989	46	1.3	ND	0.44	0.66	—	—	—	—	—	—	—	—	74.68	19.59	55.09
MW-3	3/8/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.72	59.96
MW-3	6/7/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.65	60.03
MW-3	9/5/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	15.51	59.17
MW-3	12/3/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.85	59.83
MW-3	3/1/1991	1.9	59	ND	22	ND	—	—	—	—	—	—	—	—	74.68	14.92	59.76
MW-3	6/3/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.75	59.93
MW-3	9/4/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	15.14	59.54
MW-3	3/13/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	13.50	61.18
MW-3	6/3/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.39	60.29
MW-3	8/19/1992	92	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	15.08	59.60
MW-3 (D)	8/19/1992	76	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	15.08	59.60
MW-3	11/16/1992	200 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	15.43	59.25
MW-3 (D)	11/16/1992	140 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	15.43	59.25
MW-3	2/18/1993	680 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	12.96	61.72
MW-3	6/1/1993	160 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	13.98	60.70
MW-3 (D)	6/1/1993	150 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	13.98	60.70
MW-3	8/30/1993	110 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.82	59.86
MW-3	12/13/1993	140 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.70	59.98
MW-3 (D)	12/13/1993	110 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.70	59.98
MW-3	3/3/1994	61 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	13.92	60.76
MW-3	6/6/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.73	59.95
MW-3	9/12/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	15.42	59.26
MW-3	12/15/1994	ND	ND	0.9	ND	0.6	—	—	—	—	—	—	—	—	74.68	13.80	60.88
MW-3	3/13/1995	100 a	7.9	17	0.7	6.1	—	—	—	—	—	—	—	—	74.68	12.41	62.27
MW-3	4/21/1995	60	0.9	1.1	ND	1	—	—	—	—	—	—	—	—	74.68	—	—
MW-3	6/26/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	13.79	60.89
MW-3	09/12/1995 b	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	74.68	14.77	59.91
MW-3	3/21/1996	<50	<0.5	<0.5	<0.5	<0.5	17	—	—	—	—	—	—	—	74.68	11.80	62.88
MW-3	6/28/1996	<50	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	74.68	14.19	60.49

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	9/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	74.68	14.85	59.83
MW-3	12/19/1996	—	—	—	—	—	—	—	—	—	—	—	—	—	74.68	13.61	61.07
MW-3	12/5/1997	—	—	—	—	—	—	—	—	—	—	—	—	—	74.68	13.16	61.52
MW-3	12/24/1998	—	—	—	—	—	—	—	—	—	—	—	—	—	74.68	14.08	60.60
MW-3	12/23/1999	—	—	—	—	—	—	—	—	—	—	—	—	—	74.68	15.92	58.76
MW-3	12/11/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	74.68	15.31	59.37
MW-3	12/27/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	74.68	12.84	61.84
MW-3	3/12/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	74.68	12.54	62.14
MW-3	3/14/2002	<50	<0.50	<0.50	<0.50	<0.50	—	40	—	—	—	—	—	—	74.68	12.78	61.90
MW-3	6/13/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	74.68	14.06	60.62
MW-3	9/9/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	14.77	62.92
MW-3	12/12/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	15.11	62.58
MW-3	3/10/2003	<50	<0.50	<0.50	<0.50	<0.50	—	5.4	—	—	—	—	—	—	77.69	13.52	64.17
MW-3	6/10/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	13.82	63.87
MW-3	9/16/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	14.60	63.09
MW-3	12/3/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	14.53	63.16
MW-3	3/11/2004	<50	<0.50	<0.50	<0.50	<1.0	—	3.5	—	—	—	—	—	—	77.69	12.38	65.31
MW-3	6/17/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	14.28	63.41
MW-3	9/13/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	14.78	62.91
MW-3	12/7/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	13.77	63.92
MW-3	3/3/2005	120	1.3	<0.50	<0.50	2.7	—	2.3	<2.0	<2.0	<2.0	37	—	—	77.69	11.84	65.85
MW-3	6/14/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	12.29	65.40
MW-3	9/19/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	14.33	63.36
MW-3	3/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	1.72	—	—	—	—	<0.500	<0.500	77.69	10.30	67.39
MW-3	9/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	14.62	63.07
MW-3	9/28/2006	610	<0.500	<0.500	<0.500	<0.500	—	2.83	<0.500	<0.500	<0.500	<10.0	—	—	77.69	—	—
MW-3	12/26/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	13.82	63.87
MW-3	3/29/2007	<50	<0.50	<1.0	<1.0	<1.0	—	0.78 f	—	—	—	—	—	—	77.69	13.55	64.14
MW-3	6/7/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	16.38	61.31
MW-3	9/18/2007	<50 g	<0.50	<1.0	<1.0	<1.0	—	1.1	<2.0	<2.0	<2.0	<10	—	—	77.69	16.24	61.45
MW-3	12/17/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	19.24	58.45
MW-3	2/27/2008	<50 g	<0.50	<1.0	<1.0	<1.0	—	1.4	—	—	—	—	—	—	77.69	14.65	63.04
MW-3	5/28/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	15.33	62.36
MW-3	9/19/2008	100	<0.50	<1.0	<1.0	<1.0	—	<1.0	<2.0	<2.0	<2.0	<10	—	—	77.69	15.53	62.16
MW-3	12/4/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	15.38	62.31
MW-3	2/25/2009	88	<0.50	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	77.69	12.60	65.09
MW-3	5/26/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	77.69	13.40	64.29
MW-3	9/18/2009	330	<0.50	<1.0	<1.0	<1.0	—	<1.0	<2.0	<2.0	<2.0	<10	—	—	77.69	14.66	63.03
MW-3	3/16/2010	170	<0.50	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	77.69	14.73	62.96

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	9/27/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<2.0	<2.0	<2.0	<10	—	—	77.69	16.09	61.60
MW-3	**3/25/2011**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**—**	**<1.0**	**—**	**—**	**—**	**—**	**—**	**—**	**77.69**	**14.16**	**63.53**
MW-4	1/23/1990	1,600	100	10	30	20	—	—	—	—	—	—	—	—	73.83	14.68	59.15
MW-4	3/8/1990	4,200	260	18	88	39	—	—	—	—	—	—	—	—	73.83	14.38	59.45
MW-4	6/7/1990	2,000	150	6.9	14	17	—	—	—	—	—	—	—	—	73.83	14.27	59.56
MW-4	9/5/1990	1,700	130	10	7.2	19	—	—	—	—	—	—	—	—	73.83	15.40	58.43
MW-4	12/3/1990	2,600	108	41	17	59	—	—	—	—	—	—	—	—	73.83	15.90	57.93
MW-4	6/3/1991	2,800	160	15	8.8	32	—	—	—	—	—	—	—	—	73.83	14.60	59.23
MW-4	9/4/1991	Sheen	—	—	—	—	—	—	—	—	—	—	—	—	73.83	15.25	58.58
MW-4	3/13/1992	2,700	180	70	5.9	29	—	—	—	—	—	—	—	—	73.83	12.72	61.11
MW-4	6/3/1992	1,700	190	ND	30	23	—	—	—	—	—	—	—	—	73.83	14.33	59.50
MW-4	8/19/1992	170	4.2	ND	0.6	1	—	—	—	—	—	—	—	—	73.83	15.18	58.65
MW-4	11/16/1992	2,600	92	49	50	81	—	—	—	—	—	—	—	—	73.83	15.39	58.44
MW-4	2/18/1993	7,400	120	38	51	87	—	—	—	—	—	—	—	—	73.83	12.62	61.21
MW-4	6/1/1993	7,000	1,800	1,700	1,600	1,700	—	—	—	—	—	—	—	—	73.83	13.68	60.15
MW-4	8/30/1993	2,100	80	11	ND	11	—	—	—	—	—	—	—	—	73.83	14.83	59.00
MW-4 (D)	8/30/1993	2,100	77	5.6	ND	5.5	—	—	—	—	—	—	—	—	73.83	14.83	59.00
MW-4	12/13/1993	2,000 a	20	ND	21	52	—	—	—	—	—	—	—	—	73.83	14.50	59.33
MW-4	3/3/1994	3,500	150	86	85	90	—	—	—	—	—	—	—	—	73.83	13.48	60.35
MW-4 (D)	3/3/1994	3,200	130	73	74	76	—	—	—	—	—	—	—	—	73.83	13.48	60.35
MW-4	6/6/1994	590	25	ND	ND	ND	—	—	—	—	—	—	—	—	73.83	14.26	59.57
MW-4 (D)	6/6/1994	400	16	ND	ND	ND	—	—	—	—	—	—	—	—	73.83	14.26	59.57
MW-4	9/12/1994	1,800	42	ND	3.7	4.7	—	—	—	—	—	—	—	—	73.83	15.42	58.41
MW-4 (D)	9/12/1994	2,000	40	ND	5.7	8	—	—	—	—	—	—	—	—	73.83	15.42	58.41
MW-4	12/15/1994	2,900	78	14	94	17	—	—	—	—	—	—	—	—	73.83	13.43	60.40
MW-4 (D)	12/15/1994	2,900	90	7	96	18	—	—	—	—	—	—	—	—	73.83	13.43	60.40
MW-4	3/13/1995	2,700	240	24	99	34	—	—	—	—	—	—	—	—	73.83	12.13	61.70
MW-4 (D)	3/13/1995	2,500	300	24	140	28	—	—	—	—	—	—	—	—	73.83	12.13	61.70
MW-4	6/25/1995	2,100	87	10	67	25	—	—	—	—	—	—	—	—	73.83	13.26	60.57
MW-4 (D)	6/25/1995	2,300	92	12	74	26	—	—	—	—	—	—	—	—	73.83	13.26	60.57
MW-4	09/12/1995 b	1,300	33	13	9.3	15	—	—	—	—	—	—	—	—	73.83	14.64	59.19
MW-4 (D)	09/12/1995 b	1,500	2.1	16	11	17	—	—	—	—	—	—	—	—	73.83	14.64	59.19
MW-4	3/21/1996	2,100	50	3.2	40	5.4	ND	—	—	—	—	—	—	—	73.83	11.55	62.28
MW-4 (D)	3/21/1996	1,700	24	<0.5	39	7.2	740	—	—	—	—	—	—	—	73.83	11.55	62.28
MW-4	6/28/1996	1,300	61	6.2	53	11	1,000	—	—	—	—	—	—	—	73.83	13.86	59.97
MW-4 (D)	6/28/1996	1,200	29	6.2	50	8.3	1,000	—	—	—	—	—	—	—	73.83	13.86	59.97
MW-4	9/19/1996	820	12	<2.5	2.8	4.3	720	—	—	—	—	—	—	—	73.83	14.72	59.11
MW-4 (D)	9/19/1996	580	9.6	<2.5	<2.5	<2.5	760	1,200	—	—	—	—	—	—	73.83	14.72	59.11

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	12/19/1996	1,200	28	<5.0	<5.0	<5.0	<25	—	—	—	—	—	—	—	73.83	13.06	60.77
MW-4	12/5/1997	1,900	36	9	16	18	630	—	—	—	—	—	—	—	73.83	12.89	60.94
MW-4	12/24/1998	1,100	23	5.3	38	7.9	1,100	—	—	—	—	—	—	—	73.83	13.92	59.91
MW-4	12/17/1999	1,100	22	21	13	11	3,800	3,200	—	—	—	—	—	—	73.83	14.28	59.55
MW-4	12/23/1999	—	—	—	—	—	—	—	—	—	—	—	—	—	73.83	16.24	57.59
MW-4	12/11/2000	975	25.0	11.3	<5.00	<5.00	1,960	1,730 c	—	—	—	—	—	—	73.83	14.15	59.68
MW-4	12/27/2001	2,000	9.9	<5.0	18	<5.0	—	1,400	—	—	—	—	—	—	73.83	12.61	61.22
MW-4	3/14/2002	1,700	6.6	<2.0	2.1	2.1	—	1,100	—	—	—	—	—	—	73.83	12.35	61.48
MW-4	6/13/2002	1,200	4.7	<2.0	<2.0	<2.0	—	1,100	—	—	—	—	—	—	73.83	13.72	60.11
MW-4	9/9/2002	620	3.7	<2.0	<2.0	<2.0	—	760	—	—	—	—	—	—	76.82	14.56	62.26
MW-4	12/12/2002	1,500	3.9	<2.0	<2.0	<2.0	—	880	—	—	—	—	—	—	76.82	14.82	62.00
MW-4	3/10/2003	2,300	5.7	0.95	3.8	0.63	—	1,200	—	—	—	—	—	—	76.82	13.63	63.19
MW-4	6/10/2003	2,200	5.3	<5.0	<5.0	<10	—	880	—	—	—	—	—	—	76.82	13.68	63.14
MW-4	9/16/2003	1,400	<5.0	<5.0	<5.0	<10	—	420	—	—	—	—	—	—	76.82	14.35	62.47
MW-4	12/3/2003	2,600	5.0	<5.0	<5.0	<10	—	840	—	—	—	—	—	—	76.82	14.27	62.55
MW-4	3/11/2004	1,900 a	6.3	<5.0	<5.0	<10	—	800	—	—	—	—	—	—	76.82	12.62	64.20
MW-4	6/17/2004	1,000	7.4	<2.5	<2.5	<5.0	—	460	—	—	—	—	—	—	76.82	13.90	62.92
MW-4	9/13/2004	1,100	4.6	<2.5	<2.5	<5.0	—	300	<10	<10	<10	160	—	—	76.82	14.67	62.15
MW-4	12/7/2004	2,200	4.6	<2.5	<2.5	<5.0	—	430	—	—	—	—	—	—	76.82	13.92	62.90
MW-4	3/3/2005	2,500	5.3	<2.5	<2.5	<5.0	—	620	—	—	—	—	—	—	76.82	11.75	65.07
MW-4	6/14/2005	<50	<0.50	<0.50	<0.50	<1.0	—	51	—	—	—	—	—	—	76.82	12.20	64.62
MW-4	9/19/2005	1,200	2.7	<0.50	<0.50	<1.0	—	140	8.4	<2.0	<2.0	280	—	—	76.82	14.08	62.74
MW-4	3/30/2006	2,740	2.01	<0.500	<0.500	<0.500	—	222	—	—	—	—	<0.500	<0.500	76.82	10.25	66.57
MW-4	9/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	76.82	14.18	62.64
MW-4	9/28/2006	1,660	0.950	<0.500	<0.500	<0.500	—	73.3	6.92	<0.500	<0.500	77.0	—	—	76.82	—	—
MW-4	12/26/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	76.82	13.25	63.57
MW-4	3/29/2007	2,100	12	0.49 f	<1.0	0.21 f	—	150	—	—	—	—	—	—	76.82	13.18	63.64
MW-4	6/7/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	76.82	18.01	58.81
MW-4	9/18/2007	330 g	1.7	<1.0	<1.0	<1.0	—	9.2	0.86 f	<2.0	<2.0	<10	—	—	76.82	18.80	58.02
MW-4	12/17/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	76.82	18.50	58.32
MW-4	2/27/2008	210 g	0.61	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	76.82	17.85	58.97
MW-4	5/28/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	76.82	18.26	58.56
MW-4	9/19/2008	200	4.5	<1.0	<1.0	1.3	—	8.9	<2.0	<2.0	<2.0	<10	—	—	76.82	16.16	60.66
MW-4	12/4/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	76.82	15.67	61.15
MW-4	2/25/2009	1,700	12	<2.0	4.2	<2.0	—	160	—	—	—	—	—	—	76.82	12.44	64.38
MW-4	5/26/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	76.82	13.30	63.52
MW-4	9/18/2009	1,300	0.72	<1.0	<1.0	<1.0	—	150	56	<2.0	<2.0	160	—	—	76.82	14.30	62.52
MW-4	3/16/2010	300	1.2	<1.0	<1.0	<1.0	—	2.4	—	—	—	—	—	—	76.82	18.14	58.68
MW-4	9/27/2010	150	1.3	<1.0	<1.0	<1.0	—	6.6	<2.0	<2.0	<2.0	<10	—	—	76.82	18.99	57.83

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	**3/25/2011**	**770**	**9.5**	**0.59**	**11**	**1.3**	**—**	**2.3**	**—**	**—**	**—**	**—**	**—**	**—**	**76.82**	**17.65**	**59.17**
MW-5	9/22/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	76.97	14.21	62.76
MW-5	9/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	76.97	14.35	62.62
MW-5	9/28/2006	10,800	36.6	2.08	119	9.04	—	15.1	3.61	<0.500	<0.500	<10.0	—	—	76.97	—	—
MW-5	12/26/2006	5,000	150	5.2	70	16	—	35	—	—	—	—	—	—	76.97	13.32	63.65
MW-5	3/29/2007	7,700	320	10	77	19.0 f	—	32	—	—	—	—	—	—	76.97	13.22	63.75
MW-5	6/7/2007	7,600	47	4.6	71	13.7	—	40	—	—	—	—	—	—	76.97	17.88	59.09
MW-5	9/18/2007	4,300 g	7.0	1.1	20	1.93 f	—	21	0.82 f	<2.0	<2.0	15	—	—	76.97	19.00	57.97
MW-5	12/17/2007	6,900 g	58.0	9.9	410	15.8	—	<5.0	—	—	—	—	—	—	76.97	18.25	58.72
MW-5	2/27/2008	6,500 g	100	13	510	32.1	—	26	—	—	—	—	—	—	76.97	17.32	59.65
MW-5	5/28/2008	3,200	66	5.7	140	6.7	—	46	—	—	—	—	—	—	76.97	17.94	59.03
MW-5	9/19/2008	3,200	110	6.3	110	12.0	—	<1.0	7.0	<2.0	<2.0	10	—	—	76.97	16.32	60.65
MW-5	12/4/2008	5,900	250	14	220	28.3	—	<2.0	—	—	—	—	—	—	76.97	15.80	61.17
MW-5	2/25/2009	7,400	430	28	240	73	—	17	—	—	—	—	—	—	76.97	12.41	64.56
MW-5	5/26/2009	6,800	190	18	210	83	—	5.5	—	—	—	—	—	—	76.97	13.28	63.69
MW-5	9/18/2009	4,200	44	<5.0	140	20	—	6.0	<10	<10	<10	<50	—	—	76.97	14.35	62.62
MW-5	3/16/2010	15,000	64	5.7	280	21	—	6.4	—	—	—	—	—	—	76.97	17.46	59.51
MW-5	9/27/2010	6,100	82	<10	65	13	—	<10	<20	<20	<20	<100	—	—	76.97	18.90	58.07
MW-5	**3/25/2011**	**7,600**	**150**	**10**	**270**	**43**	**—**	**<5.0**	**—**	**—**	**—**	**—**	**—**	**—**	**76.97**	**16.82**	**60.15**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to December 27, 2001, by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to December 27, 2001, by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol, analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260B
EDB = 1,2-Dibromoethane or Ethylene Dibromide, analyzed by EPA Method 8260B
TOC = Top of casing elevation
GW = Groundwater
ug/L = Micrograms per liter
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
ND = Not detected at or above the quantitative limit.

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH* (ug/L)	*B* (ug/L)	*T* (ug/L)	*E* (ug/L)	*X* (ug/L)	*MTBE 8020* (ug/L)	*MTBE 8260* (ug/L)	*DIPE* (ug/L)	*ETBE* (ug/L)	*TAME* (ug/L)	*TBA* (ug/L)	*1,2-DCA* (ug/L)	*EDB* (ug/L)	*TOC* (MSL)	*Depth to Water* (ft.)	*GW Elevation* (MSL)

--- = Not applicable

Notes:
a = Chromatogram pattern indicates the presence of an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.
b = The laboratory noted the sample was analyzed after the method specified holding time.
c = This sample was analyzed outside of EPA recommended hold time.
d = Sample contains discrete peak in gasoline range.
e = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
f = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
g = Analyzed by EPA Method 8015B (M).
h = Hydrocarbon result partly due to individual peak(s) in quantitation range
Site surveyed January 30, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.
Well MW-5 surveyed on May 10, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

TABLE 2

HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	*Date*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*
GS-1[a]	10/17/1989	<50[b]	<0.5[b]	<0.5[b]	<0.6[b]	<1.5[b]	---	---	---	---	---
GS-2[a]	10/17/1989	**5,600**[b]	**340**[b]	27[b]	**1,200**[b]	62[b]	---	---	---	---	---
GS-3[a]	10/17/1989	**8,800**[b]	**380**[b]	6[b]	**580**[b]	42[b]	---	---	---	---	---
Probe 1	5/19/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
Probe 2	5/19/1990	**25,000**	**280**	**290**	**160**	**470**	---	---	---	---	---
Probe 3	5/19/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
Probe 4	5/19/1990	<50	5	<0.5	2	<0.5	---	---	---	---	---
Probe 5	5/19/1990	<50	1	2	1	4	---	---	---	---	---
Probe 6	5/19/1990	**31,000**	**430**	**600**	**240**	**1,400**	---	---	---	---	---
SB-1-W	3/24/2004	**10,000**	**430**	75	**98**	44	110	---	---	---	---
SB-2-W	3/24/2004	**520**	4.9	<1.0	<1.0	<2.0	320	---	---	---	---
SB-4-W1	4/5/2006	<50.0	<1.00	50.4	3.92	13.3	29.2	15.1	<1.00	<1.00	<1.00
SB-7-W1	4/6/2006	<50.0	<1.00	<1.00	<1.00	<3.00	<1.00	<10.0	<1.00	<1.00	<1.00
SB-8-W1	4/6/2006	**34,000**	**404**	22.5	**110**	56.8	15.0	40.2	26.6	<1.00	<1.00
SB-9	2/1/2008	**1,700**[c]	<0.50	<1.0	<1.0	<1.0	120	<10	<2.0	<2.0	<2.0
SB-10	2/1/2008	<50[c]	<0.50	<1.0	<1.0	<1.0	94	<10	<2.0	<2.0	<2.0
SB-11	2/1/2008	<50[c]	<0.50	14	<1.0	<1.0	2.6	<10	<2.0	<2.0	<2.0
SB-12	2/1/2008	**4,900**[c]	**120**	11	**170**	42.2	33	100	11	<2.0	<2.0
Groundwater (≤10 fbg) ESL [d]***:***		210	46	130	43	100	1,800	18,000	NA	NA	NA

Notes:

All results in micrograms per liter (µg/l) unless otherwise indicated.
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; before 2004, analyzed by EPA Method 8015 unless otherwise noted
Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B; before 2004, analyzed by EPA Method 8015 unless otherwise noted
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
<x = Not detected at reporting limit x
--- = Not analyzed

TABLE 2

HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

ESL = Environmental screening level
NA= No available ESL
Results in **bold** equal or exceed applicable ESL

a = Sample collected from temporary well
b = Analyzed by unknown method
c = Analyzed by EPA Method 8015M
d = San Francisco Bay Regional Water Quality Control Board ESL for groundwater where groundwater is not a source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

ensco environmental services, inc.

PROJECT NAME: SHELL Service Station
230 MacArthur Blvd.
Oakland, California

BORING No.: MW-1
DATE DRILLED: 7-11-88
PROJECT No.: 1847 G
LOGGED BY: SC

EXPLORATORY BORING LOG

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm	
				8" concrete over 6" pea gravel			
1–4			SP	CLAYEY SAND, greenish gray, predominantly fine sand 20% fine gravel, damp SAND, greenish gray, predominantly fine to medium sand, 5-10% coarse sand, 10-15% fine gravel, <5% fines, very dense, damp			
5–6	1-1	72	SP	SAND, olive brown, fine to medium grained trace silt, very dense, damp		0	
7–9			SC	CLAYEY SAND, orangish brown, fine to medium grained organic staining, 4" lens of fine to medium sand (poorly sorted, greenish gray), dense, damp			
10–11	1-2	30				1	
12–14							
15			SW	SAND, bluish gray, fine to coarse grained <5% fines, color to brown at 15.5 feet, wet, dense	▽		
16	1-3	37	CL	SANDY CLAY, yellowish brown, 30% fine sand, very moist		2	
17–18			SC	CLAYEY SAND, tannish brown, predominantly fine sand, trace medium sand, 15-20% fines, rare rootholes, moist, dense			
19–20			SP	SAND, brown, predominantly fine sand, becomes silty at 20.5', dense, very moist to wet			

REVIEWED BY R.G./C.E.G.

ATTACHMENT 6

ensco environmental services, inc.

PROJECT NAME: SHELL Service Station
230 MacArthur Blvd.
Oakland, California

BORING No.: MW-1
DATE DRILLED: 7-11-88
PROJECT No.: 1847 G
LOGGED BY: SC

EXPLORATORY BORING LOG

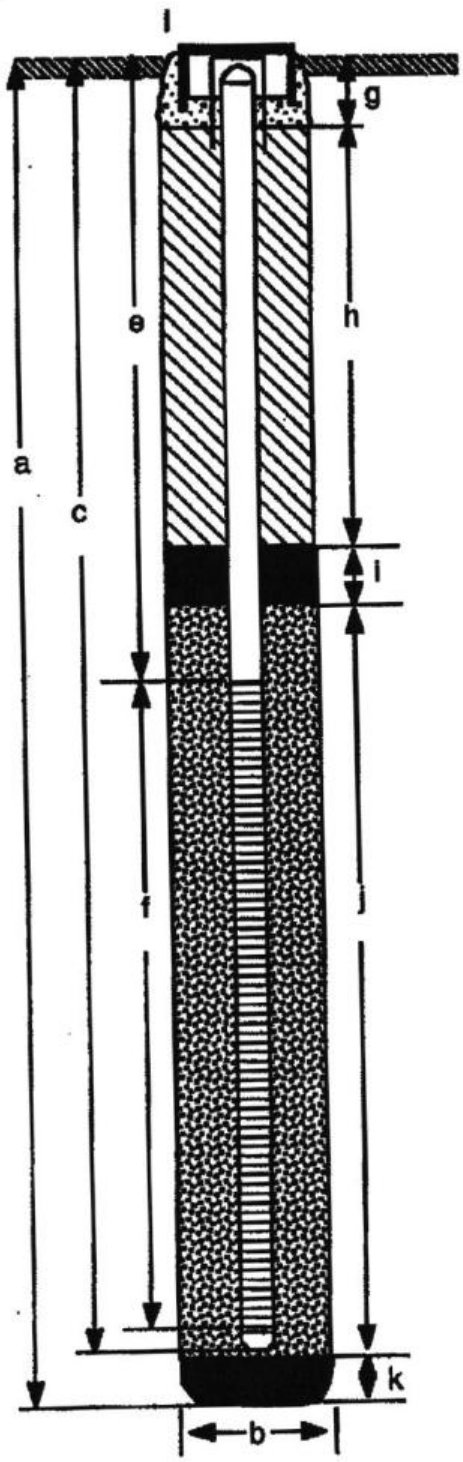
DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm	
20			SP	SAND cont.			
21	1-4	30	CL	SILTY CLAY, brown, 5-10% fine sand locally to 20% disseminated, hard, very moist		0	
22							
23							
24			SP-SC	SAND, light olive, fine to medium grained <10% clay fines, rare oxidation stains, dense, very moist to wet			
25							
26	1-5	48	SC	CLAYEY SAND, light olive, predominantly fine to medium sand, 40% clay, rare organics, dense, very moist to wet		1	
27							
28							
29							
30			SP-SC	SAND, light olive, predominantly fine to medium grained, 15% coarse sand, <10% clay fines, dense, saturated			
31	1-6	36					
32							
33				BOTTOM OF BORING 31.5'			
34							
35							
36							
37							
38							
39							
40							

REVIEWED BY R.G./C.E.G.

Monitoring Well Detail

PROJECT NUMBER 1847 G Shell Oil Co.
PROJECT NAME 230 MacArthur Blvd.
COUNTY Oakland, Alameda Co.
WELL PERMIT NO. 88305

BORING / WELL NO. MW-1
TOP OF CASING ELEV. 73.89'
GROUND SURFACE ELEV. 74.34'
DATUM 72.96' City of Oakland



EXPLORATORY BORING

a. Total Depth 31.5 ft.
b. Diameter 10 in.
Drilling method Hollowstem Auger

WELL CONSTRUCTION

c. Casing length 30 ft.
Material Schedule 40 PVC
d. Diameter 4 in.
e. Depth to top perforations 10 ft.
f. Perforated length 20 ft.
Perforated interval from 30 to 10 ft.
Perforation type machine slot
Perforation size 0.020 in.
g. Surface seal 1 ft.
Seal Material Concrete
h. Backfill 5 ft.
Backfill material Cement Grout
i. Seal 2 ft.
Seal Material Bentonite Pellets
j. Gravel pack 22 ft.
Pack material #2/12 Aqua Sand
k. Bottom seal -- ft.
Seal material NA
l. F-8 vault box, locking cover and lock

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PROJECT NAME: SHELL Service Station
230 MacArthur Blvd.
Oakland, California

BORING No.: MW-2
DATE DRILLED: 7-11-88
PROJECT No.: 1847 G
LOGGED BY: SC

EXPLORATORY BORING LOG

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm	
				4" Asphalt pavement over 9" baserock			
1–3			SC	CLAYEY SAND, orangish brown, fine to medium sand, 20% fines, damp			
4–5				-as above; color to dark olive gray, locally 40% fine to coarse gravel composed of angular chert fragments, rare coarse sand, dense, damp			
6–7	2-1	44	SC			2	
8–9				-as above, color to yellowish brown with minor olive gray staining, ~40% fines, trace organic black staining, rare rootholes, dense, damp			
10–11	2-2	34	SC			1	
12–14			CL	SANDY TO SILTY CLAY, olive beige with slight orange staining, 10 to 20% fine sand, orange staining low plasticity, hard, damp			
15–16	2-3	34	SP-SM	SAND, brown, predominantly fine sand, 5 to 10% silt, trace organic staining, dense, wet, fine to medium sand	▽	0.5	
17–20							

REVIEWED BY R.G./C.E.G.

ensco environmental services, inc.

PROJECT NAME: SHELL Service Station
230 MacArthur Blvd.
Oakland, California

BORING No.: MW-2
DATE DRILLED: 7-11-88
PROJECT No.: 1847 G
LOGGED BY: SC

EXPLORATORY BORING LOG

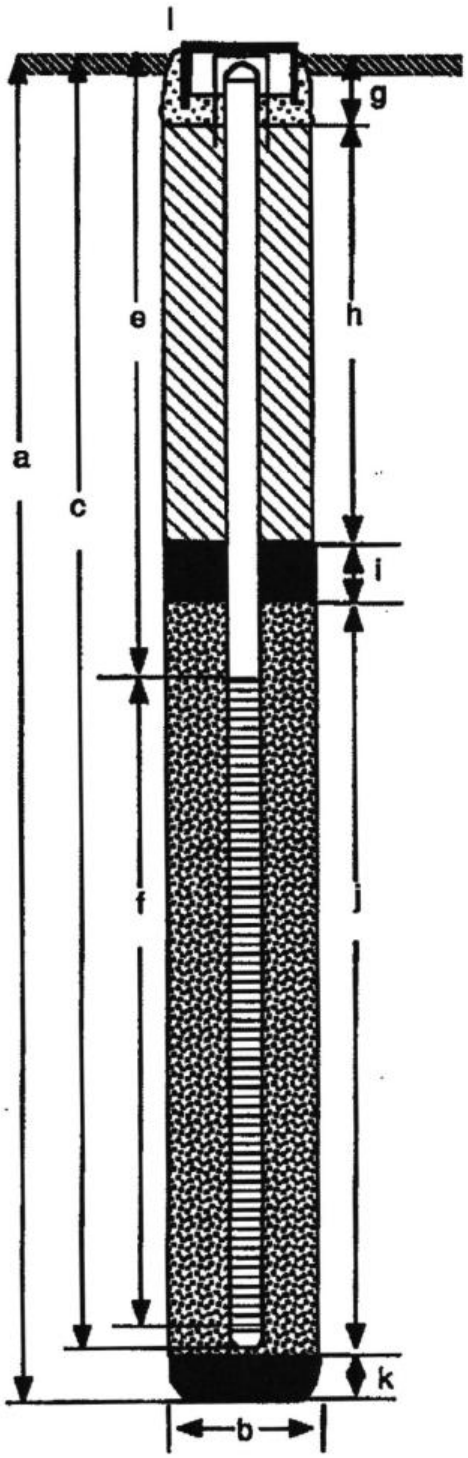
DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm	
20							
21	2-4	28	CL	SILTY CLAY, tannish brown, trace of organic staining, 10% very fine sand, low plasticity, very stiff, wet, color changes to tan in shoe		0	
22							
23							
24							
25							
26	2-5	64		SILTY CLAY, light olive gray and orangish brown, organic staining common, low to moderate plasticity, hard, moist, (4" lens of sandy silt with clay, damp to moist)		0	
27							
28							
29	2-6	26		-- as above: becomes sandy and orangish brown, 30% fine sand, abundant silt, very stiff		0	
30				BOTTOM OF BORING 30.0'			
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

REVIEWED BY R.G./C.E.G.

Monitoring Well Detail

PROJECT NUMBER 1847 G Shell Oil Co.
PROJECT NAME 230 MacArthur Blvd.
COUNTY Oakland, Alameda Co.
WELL PERMIT NO. 88305

BORING / WELL NO. MW-2
TOP OF CASING ELEV. 75.24'
GROUND SURFACE ELEV. 75.96'
DATUM 72.96' City of Oakland



EXPLORATORY BORING

a. Total Depth 30 ft.
b. Diameter 10 in.
Drilling method Hollowstem Auger

WELL CONSTRUCTION

c. Casing length 28 ft.
Material Schedule 40 PVC
d. Diameter 4 in.
e. Depth to top perforations 10 ft.
f. Perforated length 18 ft.
Perforated interval from 28 to 10 ft.
Perforation type machine slot
Perforation size 0.020 in.
g. Surface seal 1 ft.
Seal Material Concrete
h. Backfill 5 ft.
Backfill material Cement Grout
i. Seal 2 ft.
Seal Material Bentonite Pellets
j. Gravel pack 20 ft.
Pack material #2/12 Aqua Sand
k. Bottom seal -- ft.
Seal material NA
l. F-8 vault box, locking cover and lock

ensco environmental services, inc.

ensco environmental services, inc.

PROJECT NAME: SHELL Service Station
230 MacArthur Blvd.
Oakland, California

BORING No.: MW-3
DATE DRILLED: 7-12-88
PROJECT No.: 1847 G
LOGGED BY: SC

EXPLORATORY BORING LOG

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm	
				8" concrete			
1, 2, 3, 4, 5, 6, 7, 8, 9				FILL, pea gravel		0	
10, 11	3-1	12	SC	CLAYEY SAND, olive grey mottled with orangish brown, 50 to 60% fine sand, trace medium to coarse sand, slight petroleum odor, medium dense, damp		120	
12, 13, 14			SW	SAND, orangish brown, fine to coarse grained with fine angular chert gravels, medium dense, damp			
15, 16	3-2	13		SAND, greenish gray, well graded, fine to coarse grained 10 to 15% fine gravels (angular to subangular white, yellow, and red cherts, graywacke), very faint petroleum odor, medium dense, saturated	▽	2	
17, 18			CL	SILTY CLAY, tannish brown, trace organic staining, 10% fine sand, rare root holes, low plasticity, stiff, moist			
19, 20			SC				

REVIEWED BY R.G./C.E.G.

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PROJECT NAME: SHELL Service Station
230 MacArthur Blvd.
Oakland, CA

BORING No.: MW-3
DATE DRILLED: 7-12-88
PROJECT No.: 1847 G
LOGGED BY: SC

EXPLORATORY BORING LOG

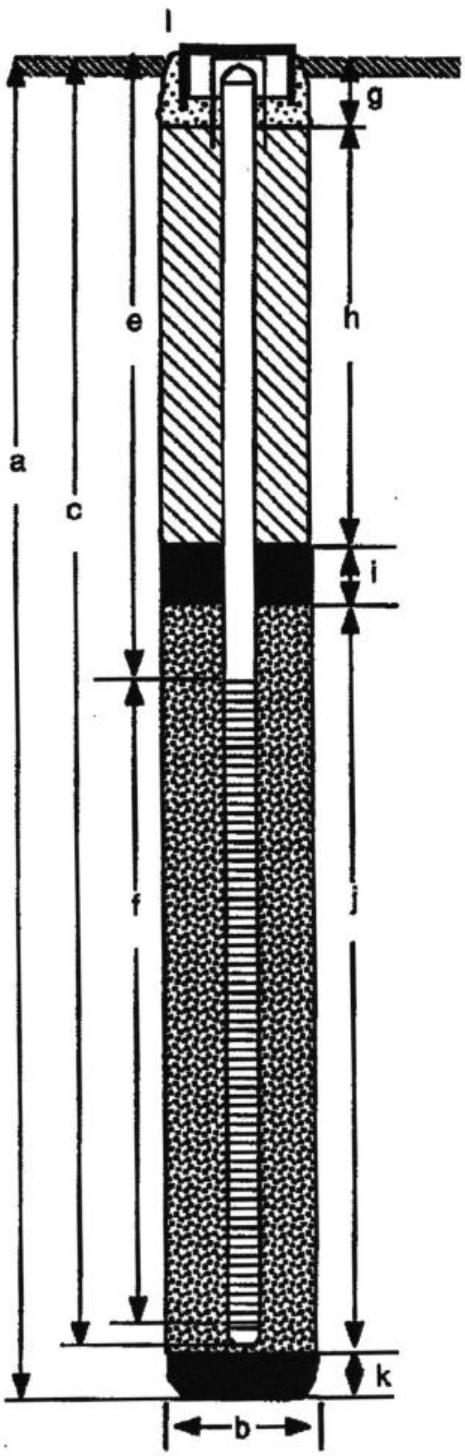
DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft/lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm	
20			SC	CLAYEY SAND, brown, 70% fine sand, medium dense, moist to wet			
21	3-3	31	CL	SILTY CLAY, tannish brown, 10% fine sand, trace organic staining, no rootholes, low plasticity, very stiff, wet		0	
22							
23							
24			SC	CLAYEY SAND, olive with minor orange staining, 60% fine sand, 10% medium to coarse sand, shell fragment, very dense, moist to wet			
25							
26	3-4	72	CL	SANDY CLAY to SILTY CLAY, olive, 25% fine sand (locally sand <10%), low plasticity, hard, moist		0	
27							
28			SP	CLAYEY SAND, olive with minor orange oxide staining, 60 to 70% fine sand, locally clay to 50%, (becomes very sandy at 30', olive to bluish gray), dense, moist			
29	3-5	44					
30				BOTTOM OF BORING 30'		0	
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

REVIEWED BY R.G./C.E.G.

Monitoring Well Detail

PROJECT NUMBER 1847 G Shell Oil Co.
PROJECT NAME 230 MacArthur Blvd
COUNTY Oakland, Alameda Co.
WELL PERMIT NO. 88305

BORING / WELL NO. MW-3
TOP OF CASING ELEV. 74.68'
GROUND SURFACE ELEV. 75.05'
DATUM 72.96' City of Oakland



EXPLORATORY BORING

a. Total Depth 30 ft.
b. Diameter 10 in.
Drilling method Hollowstem Auger

WELL CONSTRUCTION

c. Casing length 28.5 ft.
Material Schedule 40 PVC
d. Diameter 4 in.
e. Depth to top perforations 11.5 ft.
f. Perforated length 17 ft.
Perforated interval from 28.5 to 11.5 ft.
Perforation type machine slot
Perforation size 0.020 in.
g. Surface seal 1 ft.
Seal Material Concrete
h. Backfill 7.5 ft.
Backfill material Cement Grout
i. Seal 1.5 ft.
Seal Material Bentonite Pellets
j. Gravel pack 18.5 ft.
Pack material #2/12 Aqua Sand
k. Bottom seal -- ft.
Seal material NA
l. F-8 vault box, locking cover and lock

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EXPLORATORY BORING LOG

ensco environmental services, inc.

PROJECT NAME: Shell Oil Company
230 MacArthur Blvd.
Oakland, CA

BORING NO. MW-4

DATE DRILLED: 1/9/90

PROJECT NUMBER: 1847-2G

LOGGED BY: J.M.

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
1, 2, 3, 4, 5, 6	MW-4-1	64	CL	SANDY CLAY, light olive brown (2.5Y 5/6), 30-40% rounded to subangular fine to medium grained sand, ~ 10% coarse gravel to 2", iron stain, black mottling, hard, very low plasticity, dry to damp		0
7, 8, 9			SW	SAND, light olive brown (2.5Y 5/6), fine to medium grained sand, 30% clay, rounded to subangular, poorly sorted, medium dense		
10, 11, 12, 13, 14	MW-4-2	40	CL	SANDY CLAY, light olive brown (2.5Y 5/6), 35-45% sand, rounded to subangular, fine to medium grained, iron stain, very stiff, low plasticity, damp Silty lenses		0
15, 16	MW-4-3	27	SP	SAND, olive gray (5Y 4/2), fine to medium grained sand, well sorted, rounded to subrounded, some iron stain, clay 10-20%, silt 10-20%, loose, moist		0
17, 18, 19, 20, 21	MW-4-4	33	CL	SILTY CLAY, brown (10YR 5/3), silt ~ 40%, black and gray mottling, iron stain, root holes and organic matter, very stiff, low plasticity, moist to damp		0

REVIEWED BY R.G./C.E.G.

EXPLORATORY BORING LOG

ensco environmental services, inc.

PROJECT NAME: Shell Oil Company
230 MacArthur Blvd.
Oakland, CA

BORING NO. MW-4

DATE DRILLED: 1/9/90

PROJECT NUMBER: 1847-2G

LOGGED BY: J.M.

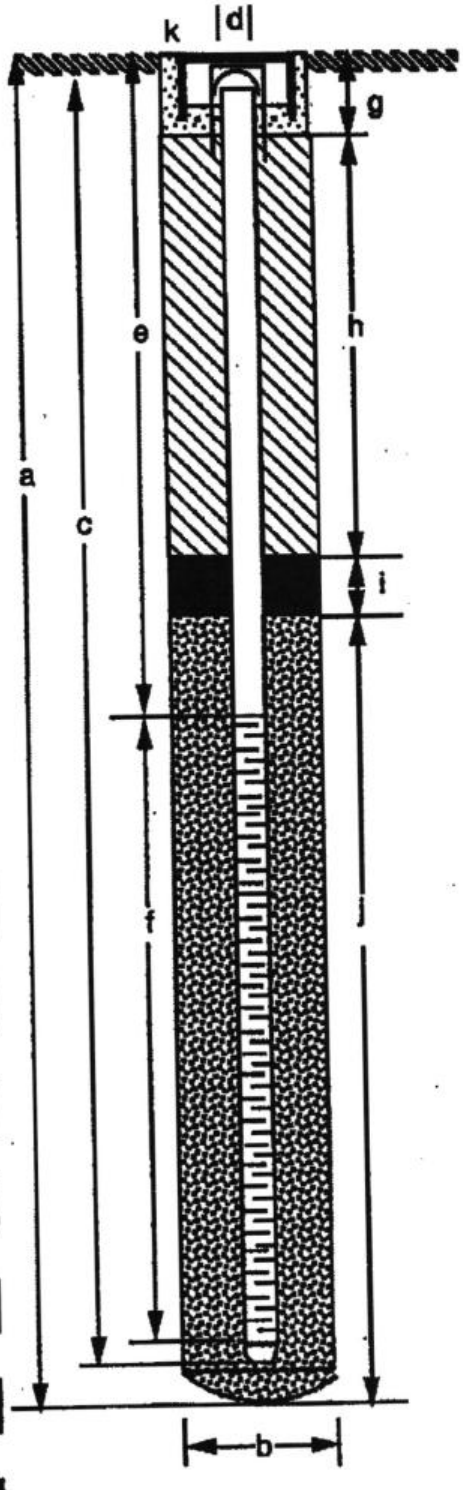
DEPTH (ft.)	SAMPLE No	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
22						
23						
24			CL	same as above		
25	MW-4-5	33				0
26				Bottom of Boring = 25.5 feet		
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						

REVIEWED BY R.G./C.E.G.

Monitoring Well Detail

PROJECT NUMBER 1847-2G
PROJECT NAME Shell -Oakland
COUNTY Alameda
WELL PERMIT NO. 90116

BORING / WELL NO. MW-4
TOP OF CASING ELEV. 73.83
GROUND SURFACE ELEV. 74.46
DATUM 72.96



EXPLORATORY BORING

a. Total depth 25.5 ft.
b. Diameter 12 in.
Drilling method Hollow stem auger

WELL CONSTRUCTION

c. Casing length 25 ft.
Material schedule 40 PVC
d. Diameter 4 in.
e. Depth to top perforations 15 ft.
f. Perforated length 10 ft.
Perforated interval from 15 to 25 ft.
Perforation type slotted screen
Perforation size 0.020 in.
g. Surface seal 1 ft.
Seal material concrete
h. Backfill 12 ft.
Backfill material neat cement grout
i. Seal 1 ft.
Seal material bentonite
j. Gravel pack 11 ft.
Pack material clean sand
k.

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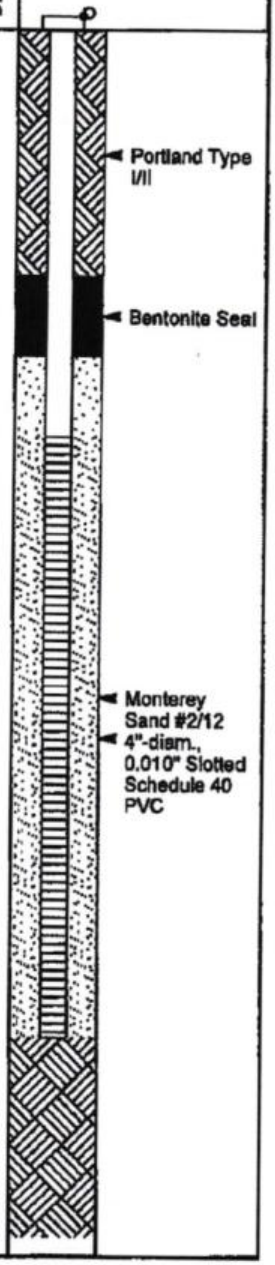
BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-8/MW-5
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	06-Apr-06
PROJECT NUMBER	248-0902-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	77.34 ft above msl
DRILLING METHOD	Hydraulic push and Hollow Stem Auger	TOP OF CASING ELEVATION	76.97 ft above msl
BORING DIAMETER	10"	SCREENED INTERVALS	10 to 25 fbg
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	15.0 fbg (06-Apr-06)
REVIEWED BY	David Gibbs PG 7804	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
							ASPHALT	0.8
							SILT with sand(ML); light yellowish brown; dry; 15% clay, 75% silt, 10% sand; no plasticity.	
0.4		SB-8-5		5	ML		**Sandy SILT**(ML); light brown; dry; 10% clay, 60% silt, 30% fine sand; no plasticity.	
11		SB-8-10		10			**Sandy SILT**(ML); brownish gray; dry; 10% clay, 60% silt, 30% fine sand; no plasticity.	
		SB-8-14			SM		**Silty SAND**(SM); brown; moist; 40% silt, 60% fine sand.	13.0
				15	GP		**Poorly graded GRAVEL with sand** (GP); gray; wet; 5% silt, 30% fine sand, 65% fine gravel.	15.0
					SP		**Poorly graded SAND** (SP); gray; wet; 100% fine sand.	16.0
					GP GM		**Poorly graded GRAVEL with silt and sand**(GP-GM); gray; wet; 10% silt, 25% fine to medium sand, 65% fine gravel. LOW RECOVERY.	17.0
				20	ML		**SILT with sand**(ML); brown; moist; 25% clay, 50% silt, 25% fine sand; low plasticity. LOW RECOVERY TO 28 fbg.	20.0
				25			**SILT** (ML); brown; moist; 15% clay, 85% silt; low plasticity.	29.5
				30				

WELL DIAGRAM



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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-8/MW-5
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	06-Apr-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					SM		Silty SAND(SM); light yellowish brown; moist; 10% clay, 20% silt, 70% fine sand; no plasticity.	32.0	
							NO RECOVERY		
				35					
					SP SM		Poorly graded SAND with silt (SP-SM); greenish gray; moist; 5% clay, 25% silt, 70% fine sand.	36.0	Native Backfill
				40			Poorly graded SAND with silt (SP-SM); greenish gray; moist; 5% clay, 40% silt, 55% fine sand.	41.0	
							SILT with sand(ML); greenish gray; moist; 5% clay, 80% silt, 15% fine sand; no plasticity.		
				45	ML		SILT (ML); brown; dry; 40% clay, 60% silt; low plasticity.		
							SILT (ML); dark brown; dry; 25% clay, 75% silt; no to low plasticity.	48.0	Bottom of Boring @ 48 fbg

WELL LOG (PID) G:\OA29\3-1\GINT\230 W MAC.GPJ DEFAULT.GDT 5/18/06

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	BORING/WELL NAME	SB-1
JOB/SITE NAME	Shell-Branded Service Station	DRILLING STARTED	24-Mar-04
LOCATION	230 West MacArthur Boulevard, California	DRILLING COMPLETED	24-Mar-04
PROJECT NUMBER	246-0902-007	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3"	SCREENED INTERVAL	NA
LOGGED BY	Stewart A. Dalle IV	DEPTH TO WATER (First Encountered)	17.0 ft (24-Mar-04)
REVIEWED BY	Matthew W. Derby P.E. # 55475	DEPTH TO WATER (Static)	12.5 ft (24-Mar-04)
REMARKS	Hand augered and air knifed to approximately 8 fbg.		

PID (ppm)	TPHg (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
								Concrete.		
						ML		Clayey SILT; (ML); Light brown; medium dense; dry; 25 % clay, 75% silt.	1.0	
0			SB-1 5'		5	GM		Silty GRAVEL; (GM); Brown; medium dense; dry; 25% silt, 75% gravel.	5.0	
0.4			SB-1-10'		10	SC		Clayey SAND; (SC); Brown; very dense; dry; 30% clay, 60% sand.	9.3	Portland Type I/II
						CL		Silty CLAY; (CL); Olive brown; very hard; dry; 85% clay, 35% silt.	11.0	
8			SB-1-15'		15	SC		Clayey SAND; (SC); Olive gray; very dense; damp; 35% clay, 55% sand, 10% gravel.	13.0	
25			SB-1-17'			SP		Poorly Graded SAND; (SP); Olive gray; loose; wet; 100% sand.	17.0	
341			SB-1-19.5'		20	GW		Well graded GRAVEL with Sand; (GW); Olive gray; very dense; wet; 40% sand, 60% gravel.	19.0 20.0	Bottom of Boring @ 20 ft

WELL LOG (PID/TPHG) G:\OA29F3-1\GINT\OAK230.GPJ DEFAULT.GDT 4/19/04

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products Company (US)	BORING/WELL NAME	SB-2
JOB/SITE NAME	Shell-Branded Service Station	DRILLING STARTED	24-Mar-04
LOCATION	230 West MacArthur Boulevard, California	DRILLING COMPLETED	24-Mar-04
PROJECT NUMBER	246-0902-007	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3"	SCREENED INTERVAL	NA
LOGGED BY	Stewart A. Dalle IV	DEPTH TO WATER (First Encountered)	17.0 ft (24-Mar-04)
REVIEWED BY	Matthew W. Derby P.E. # 55475	DEPTH TO WATER (Static)	10.7 ft (24-Mar-04)
REMARKS	Hand augered and air knifed to approximately 8 fbg.		

PID (ppm)	TPHg (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
								Concrete.	1.0	
						ML		Clayey SILT: (ML); Light olive brown; medium dense; dry; 30% clay, 70% silt.	4.5	
0			SB-2 5'		5	GM		Silty GRAVEL: (GM); Brown; medium dense; dry; 20% silt, 80% large gravel.	7.5	
1.2			SB-2-10'		10	CL		Silty CLAY: (CL); Light yellowish brown with rust mottling; very stiff; dry; 55% clay, 45% silt.	10.8	Portland Type I/II
						SC		Clayey SAND: (SC); Light yellowish brown; medium dense; dry; 45% clay, 55% sand.	14.0	
8			SB-2-15'		15	CL		Silty CLAY: (CL); Olive gray to brown; very stiff; dry; 75% clay, 25% silt.	16.5	
148			SB-2-17'			SP		Poorly Graded SAND: (SP); Olive gray; loose; wet; 100% sand.	19.0	
155			SB-2-19.5'		20	GW		Well graded SAND with Gravel: (GW); Olive gray; medium dense; wet; 55% sand, 45% gravel.	20.0	Bottom of Boring @ 20 ft

WELL LOG (PID/TPHG) G:\OA29F3~1\GINT3\OAK 230.GPJ DEFAULT.GDT 4/18/04

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-4
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	05-Apr-06
PROJECT NUMBER	248-0902-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push and Hollow Stem Auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	5"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	15.5 fbg (05-Apr-06)
REVIEWED BY	David Gibbs PG 7804	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					GP GM		Poorly graded GRAVEL with silt (GP-GM); light yellowish brown; wet; 10% silt, 10% fine sand, 80% fine to coarse gravels.	1.4	
					ML		SILT with sand(ML); light greenish gray; moist; 20% clay, 65% silt, 15% sand; low plasticity.		
0		SB-4-4.4		5			Gravelly SILT(ML); brown; wet; 10% clay, 55% silt, 35% fine to coarse gravel; no plasticity.		
							SILT with sand(ML); brown; dry to moist; 5% clay, 70% silt, 25% medium sand; no plasticity.		
0		SB-4-11.5		10			SILT with sand(ML); light greenish gray; moist; 5% clay, 70% silt, 25% medium sand; no plasticity.		
1		SB-4-15.5		15	SC		Clayey SAND(SC); light gray; moist to wet; 15% clay, 85% fine to medium sand.	15.5 ▽	
					SP SC		Poorly graded SAND with clay (SP-SC); light gray; wet; 10% clay, 80% fine to medium sand, 10% fine gravel.	16.5	
				20	CL		CLAY (CL); light brown; moist; 60% clay, 40% silt; medium plasticity.	19.0	
				25			CLAY with sand (CL); brown; moist; 40% clay, 40% silt, 20% fine sand; low plasticity.		◄ Portland Type I/II
							CLAY (CL); brown; dry to moist; 50% clay, 50% silt; medium plasticity.		
							CLAY with sand(CL); brown; moist; 50% clay, 25% silt, 25% fine sand; low plasticity.		
				30				30.0	

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-4
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	05-Apr-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					SC		Clayey SAND (SC); light gray; moist; 30% clay, 20% silt, 50% fine sand.		
				35			Clayey SAND(SC); light gray; moist; 20% clay, 20% silt, 60% fine sand.		
							Clayey SAND with gravel (SC); light brown; moist; 20% clay, 15% silt, 50% fine sand, 15% fine gravel.	37.0	
					SP SM		Poorly graded SAND with silt (SP-SM); grayish green; moist; 10% silt, 90% fine to medium sand.	39.0	
				40	SM		Silty SAND (SM); grayish green; moist; 15% silt, 85% fine to medium sand.	40.5	
							SILT with sand(ML); grayish green; moist; 25% clay, 60% silt, 15% sand; low plasticity.		
							SILT (ML); dark gray; dry to moist; 25% clay, 75% silt; low plasticity.		
				45	ML				
							SILT (ML); dark gray; dry; 25% clay, 75% silt; low plasticity.		
				50				50.0	Bottom of Boring @ 50 fbg

WELL LOG (PID) G:\OA29F3~1\GINT5\230 W MAC.GPJ DEFAULT.GDT 5/18/06

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-5
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	04-Apr-06
PROJECT NUMBER	248-0902-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	4"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	David Gibbs PG 7804	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 4 fab		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.8	Portland Type I/II
706		SB-5-3			ML		Gravelly SILT(ML); dark gray; moist; 10% clay, 50% silt, 40% fine to coarse gravel.		
							SILT with gravel(ML); dark gray; moist to wet; 10% clay, 65% silt, 25% coarse gravel.	4.0	Bottom of Boring @ 4 fbg
							Gravelly SILT(ML); dark gray; wet; 50% silt, 45% coarse gravels, 5% concrete cobbles.		
							Due to concrete rubble and rebar, the boring could not be advanced beyond 4 fbg.		

WELL LOG (PID) G:\OA29F3-1\GINTS\230 W MAC.GPJ DEFAULT.GDT 5/23/06

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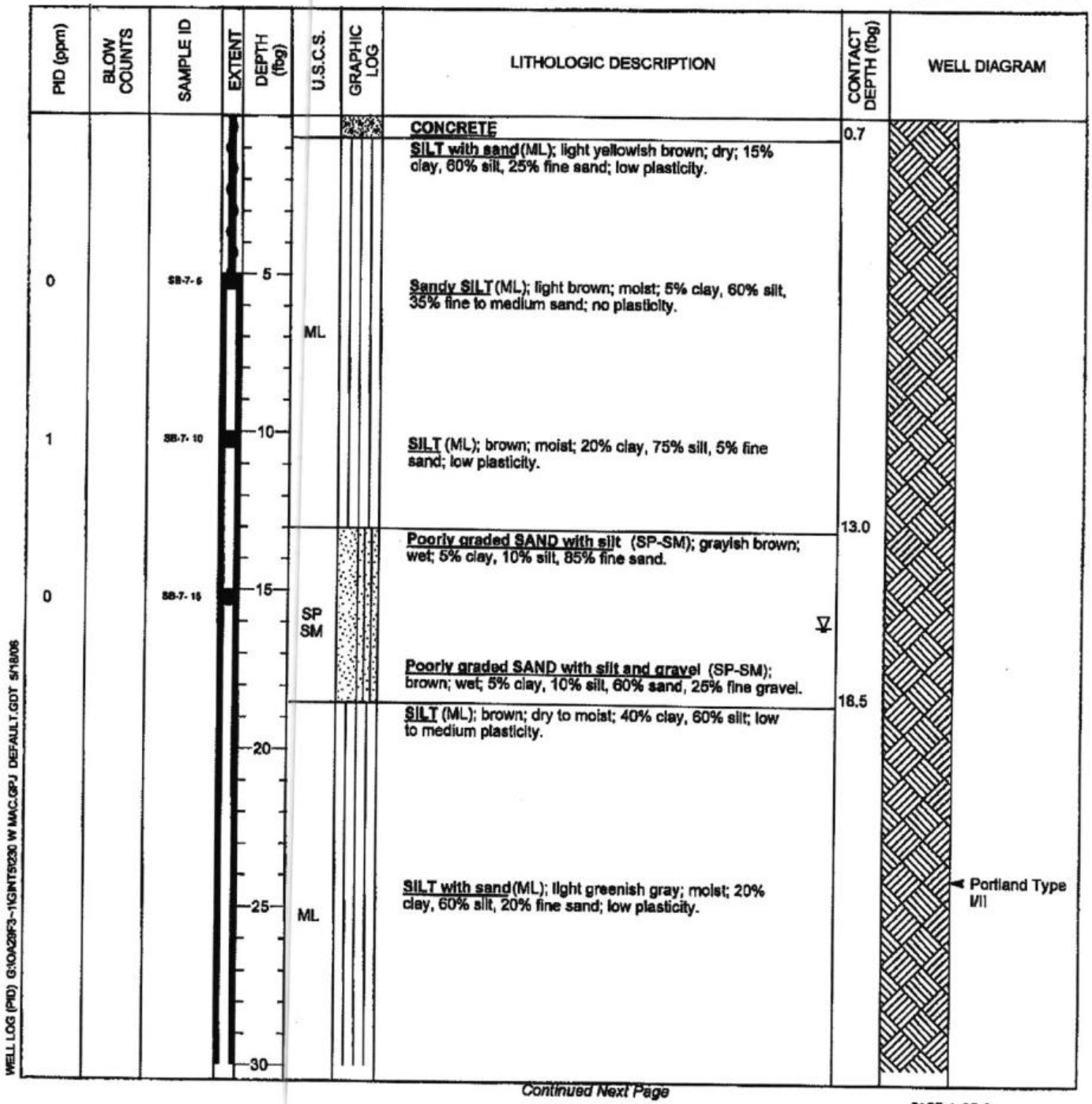
BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-7
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	06-Apr-06
PROJECT NUMBER	248-0902-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	16.0 fbg (06-Apr-06)
REVIEWED BY	David Gibbs PG 7804	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.7	
					ML		SILT with sand (ML); light yellowish brown; dry; 15% clay, 60% silt, 25% fine sand; low plasticity.		
0		SB-7-5		5			Sandy SILT (ML); light brown; moist; 5% clay, 60% silt, 35% fine to medium sand; no plasticity.		
1		SB-7-10		10			SILT (ML); brown; moist; 20% clay, 75% silt, 5% fine sand; low plasticity.	13.0	
0		SB-7-15		15	SP SM		Poorly graded SAND with silt (SP-SM); grayish brown; wet; 5% clay, 10% silt, 85% fine sand.		
							Poorly graded SAND with silt and gravel (SP-SM); brown; wet; 5% clay, 10% silt, 60% sand, 25% fine gravel.	18.5	
				20			SILT (ML); brown; dry to moist; 40% clay, 60% silt; low to medium plasticity.		
				25	ML		SILT with sand (ML); light greenish gray; moist; 20% clay, 60% silt, 20% fine sand; low plasticity.		Portland Type I/II
				30					



Continued Next Page

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, California 95476
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Fax: 707-935-6649

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-9
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	01-Feb-08
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	01-Feb-08
PROJECT NUMBER	240902-007	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5"	SCREENED INTERVAL	NA
LOGGED BY	P. Schaefer CEG 1940	DEPTH TO WATER (First Encountered)	20.0 ft (01-Feb-08)
REVIEWED BY	P. Schaefer CEG 1940	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					CONCRE		CONCRETE	0.8	
					CL		Silty CLAY (CL)	2.0	
							No recovery	4.0	
				5	CL		Silty CLAY with Gravel (CL)	5.0	
							No recovery	7.0	
0		SB-9-7.0			ML		Sandy SILT with Clay (ML); reddish yellow (7.5YR 6/6); 5% clay, 65% silt, 35% sand.	8.0	
							No recovery	10.0	
				10	ML		Sandy SILT with Gravel & Clay (ML); 5% clay, 65% silt, 20% sand, 10% gravel.	12.0	Portland Type I/II
0		SB-9-11.5					No recovery	13.5	
				15	ML		Clayey SILT (ML); 30% clay, 70% silt.	16.0	
0		SB-9-15.5					No recovery	16.5	
					ML		Sandy SILT with Clay (ML); yellowish brown (10YR 5/4); 5% clay, 40% silt, 55% sand.	18.0	
					SP		SAND (SP); yellowish brown (10YR 5/4).	18.8	
					GP		GRAVEL (GP); brownish yellow (10YR 6/8).	19.5	
				20	SP		Gravelly SAND (SP); light olive brown (2.5Y 5/3); 80% sand, 20% gravel.	23.0	
					ML		Clayey SILT with Sand (ML); yellowish brown (10YR 5/6); 40% clay, 60% silt.	24.0	
				25					Bottom of Boring @ 24 ft
				30					
				35					

WELL LOG (PID) I:\SONOMA-1.SHE\OA28F3-1\GINT\230 W MAC.GPJ DEFAULT.GDT 4/25/08

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-10
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	01-Feb-08
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	01-Feb-08
PROJECT NUMBER	240902-007	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5"	SCREENED INTERVAL	NA
LOGGED BY	P. Schaefer CEG 1940	DEPTH TO WATER (First Encountered)	18.5 ft (01-Feb-08)
REVIEWED BY	P. Schaefer CEG 1940	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					CONCRETE		CONCRETE	0.8	
					GP		GRAVEL (GP)	2.0	
					CL		Silty clay (CL)	3.0	
					GP		GRAVEL (GP)	4.0	
					CL		Silty Clay (CL)	5.0	
				5			No recovery		
0		SB-10-7			ML		Clayey SILT (ML); yellowish brown (10YR 5/6); 30% clay, 70% silt.	7.0	
							No recovery	8.0	
				10				10.0	
0		SB-10-11.5			ML		Clayey SILT with Sand (ML); dark yellowish brown (10YR 4/6); 30% clay, 60% silt, 10% sand.		Portland Type I/II
							No recovery	12.0	
				15	ML		Clayey SILT with Sand (ML); mottled gray/brown; 35% clay, 65% silt, 5% sand.	14.5	
0		SB-10-15.5					No recovery	16.0	
					ML		Clayey SILT with Sand (ML); mottled gray/brown.	17.0	
					SM		Silty SAND with Gravel (SM); gray/greenish gray; 20% silt, 75% sand, 5% gravel.	18.5	
				20			No recovery	20.0	
								22.0	
				25					Bottom of Boring @ 22 ft
				30					
				35					

WELL LOG (PID) L:\SONOMA-1.SHE\0A29F3-11GINT\9230 W MAC.GPJ DEFAULT.GDT 4/25/08

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-11
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	01-Feb-08
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	01-Feb-08
PROJECT NUMBER	240902-007	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5"	SCREENED INTERVAL	NA
LOGGED BY	P. Schaefer CEG 1940	DEPTH TO WATER (First Encountered)	20.0 ft (01-Feb-08)
REVIEWED BY	P. Schaefer CEG 1940	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					CONCRETE		CONCRETE	0.8	
					GP		GRAVEL (GP)	1.0	
					CL		Silty CLAY (CL)	2.0	
					GP		GRAVEL (GP)	3.0	
					CL		Silty CLAY (CL)	4.0	
				5	GP		GRAVEL with Sand (GP)	5.0	
							No recovery	7.0	
0		SB-11-7.5			SP		Gravelly SAND (SP); brown/reddish brown/greenish gray; 60% sand, 40% gravel.		
				10				10.0	
0		SB-11-11.5			ML		Clayey SILT with Sand (ML); light yellowish brown (2.5Y 6/4); 25% clay, 65% silt, 10% sand.		Portland Type I/II
							No recovery	13.0	
				15	ML		Clayey SILT with Sand (ML); light yellowish brown (2.5Y 6/4); 25% clay, 65% silt, 10% sand; carbon specks.	14.0	
0		SB-15.5			SM		Silty SAND (SM); dark yellowish brown (10YR 4/6); 40% silt, 60% sand.	15.5	
					ML		Clayey SILT with Sand (ML); light yellowish brown (2.5Y 6/4)	16.0	
					SP		SAND (SP); dark yellowish brown (10YR 4/6); 100% sand.	18.0	
				20	CL		Silty Clay (CL); dark yellowish brown (10YR 4/4); 60% clay, 40% silt.	19.0	
					SM		Silty SAND (SM); dark yellowish brown (10YR 4/6); 20% silt, 80% sand.	20.0	
					CL		Silty Clay (CL); dark yellowish brown; 60% clay, 40% silt.	22.5	
								24.0	Bottom of Boring @ 24 ft
				25					
				30					
				35					

WELL LOG (PID) I:\SONOMA-1.SHE\0A28F3-1\GINT\230 W MAC.GPJ DEFAULT.GDT 4/25/08

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Fax: 707-935-6649

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	SB-12
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	01-Feb-08
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	01-Feb-08
PROJECT NUMBER	240902-007	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	2.5"	SCREENED INTERVAL	NA
LOGGED BY	P. Schaefer CEG 1940	DEPTH TO WATER (First Encountered)	21.0 ft (01-Feb-08)
REVIEWED BY	P. Schaefer CEG 1940	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 2 fbg, then waterknife to 6.0 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHALT		ASPHALT	0.8	
					CL		Silty Clay (CL)	2.0	
							No recovery		
				5					
					CL		Silty Clay (CL); 60% clay, 40% silt.	6.0	
0		SB-12-7.5			ML		Clayey SILT with Sand (ML); dark brown (10YR 3/3); 15% clay, 85% silt.	7.0	
					GP		GRAVEL with Sand (GP)	8.5	
				10	ML		Clayey SILT with Sand (ML); dark brown (10YR 3/3); 15% clay, 85% silt.	9.0	
0		SB-12-11							Portland Type I/II
					SP		SAND with Gravel (SP) dark brown (10YR 3/3); 80% sand, 20% gravel.	13.0	
				15	CL		Silty Clay (CL); greenish gray (10Y 5/1); 55% clay, 45% silt.	13.5	
0		SB-12-15.5					No recovery	16.0	
					SP		Silty SAND with Gravel (SP); brown (10YR 4/3); 30% silt, 70% sand.	16.5	
					ML		SILT (ML); brown (10YR 5/3); 100% silt.	17.5	
					GP		GRAVEL with Sand (GP); mottled gray/brown; 40% sand, 60% gravel.	19.0	
				20	CL		Silty Clay (CL); 40% clay, 60% silt.	19.5	
					GP		GRAVEL with Sand (GP); brown (10YR 5/3); 40% sand, 60% gravel.	20.5	
					SP		SAND with Silt (SP); reddish brown (5YR 5/3); 5% silt, 95% sand.	21.0	
					ML		SILT (ML); dark brown (10YR 3/3); 100% silt.	23.0	
								24.0	Bottom of Boring @ 24 ft
				25					
				30					
				35					

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Phase I Environmental Site Assessment

Proposed Mixed-Use Building

Cardno Project No. E317100700

Prepared for
Bayrock PHG Piedmont, LLC
411 Pendleton Way, Suite C
Oakland, California 94621

Prepared By
Cardno
601 North McDowell Boulevard
Petaluma, California 94954

August 16, 2017

Cardno
Shaping the Future

Table of Contents

Appendices

1 Phase I Report Summary

Cardno performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Standard Practice E 1527-13 of the proposed mixed-used building to be located at 230 and 240 MacArthur Boulevard, Oakland, California 94611 (the property). Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. The following sections summarize Cardno's findings. Terminology used in this report is detailed in Appendix A.

Project Information:
Proposed Mixed-Use Building

Site Information:
230 and 240 MacArthur Boulevard
Oakland, California 94611

Consultant Information:
Cardno
4572 Telephone Road, Suite 916
Ventura, California 93003
Telephone: 805 644 4157
Fax: 805 644 5610
Reconnaissance Date: February 13, 2017

Site Assessor: Ms. Nadya Vicente
Senior Reviewer: Mr. David Daniels
Environmental Professional: Mr. Robert Serrato

Site Access Contact:
Mr. Glen Poy Wing

Client Information:
Bayrock PHG Piedmont, LLC
411 Pendleton Way, Suite C
Oakland, California 94621
Telephone: 510 969 2323

1.1 Property Use

The following is a chronology of the property usage dating back to 1903 based on available information:

1903 to 1939	Residential
1939 to 1958	Gasoline service station and residential
1958 to 1982	Two gasoline service stations
1982 to present	Gasoline service station and auto repair facility

Table 1-1 Historical Record Sources

Source	2017	2015	2010	2005	2000	1995	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
50 Year Chain of Title																	
Aerial Photos		X	X	X		X	X		X		X	X	X	X		X	
Building Department Permits																	
Building Department Plans																	
Planning Department Records																	
Fire Insurance Maps											X	X	X	X	X		X
Oil, Gas, and Mining Maps																	
Fire Department Records																	
Underground Storage Tank (UST) Permits and Registrations																	
Street Directories		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Observation	X																

Source	2017	2015	2010	2005	2000	1995	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Assessor's Personal Knowledge																	
Interviews	X																
Wetlands	X																
Other (Historical Topographic Maps)			X			X			X		X	X		X		X	X

1.2 Scope of Investigations

The main objective of the assessment was to identify the presence or likely presence, use, or release on the property of hazardous substances or petroleum products as defined in ASTM Practice E 1527-13 as a *recognized environmental condition* (REC). This assessment was conducted in accordance with ASTM Standard Practice E 1527-13.

The work was performed consistent with a level of care and skill ordinarily practiced by the consulting profession currently providing similar services under similar circumstances. Significant additions, deletions, or deviations to ASTM Practice E 1527-13 are noted below or in the corresponding sections of this report.

1.3 Data Gaps

The following is a summary of *significant data gaps* identified in this report.

Table 1-2 Significant Data Gap Summary

Report Section		Description
3.0	Site Description	No *significant data gap* identified.
4.0	User-Provided Information	No *significant data gap* identified.
5.0	Records Review	No *significant data gap* identified.
6.0	Site Reconnaissance	No *significant data gap* identified.
7.0	Interviews	No *significant data gap* identified.
8.0	Other Environmental Conditions	No *significant data gap* identified.

1.4 Findings and Opinions

Based on the Cardno's review of available regulator records, historic petroleum releases were identified at both the 230 and 240 MacArthur parcels.

The release at the 230 MacArthur parcel was investigated and remediated under agency oversight and, on January 23, 2013 received regulatory closure with contaminants remaining in place and subject to property use restrictions. Based on the regulatory closure and controls on the property, the historic release at the 230 MacArthur parcel is considered a *controlled environmental condition* (CREC). A service station continues to operate on the 230 MacArthur parcel. The existing USTs and associated fuel dispensing operations are considered a potential environmental concern.

The release at the 240 MacArthur parcel has also been investigated and remediated under agency oversight; however, the site has not yet received regulatory closure. As such, the release at the 240 MacArthur parcel is considered a REC and a potential *vapor encroachment condition* (VEC).

1.5 Conclusions and Recommendations

Cardno performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-13 of the property located at 230 and 240 MacArthur Boulevard in Oakland, California. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has identified a REC,

CREC, and VEC on the parcels. Cardno recommends that a Phase II investigation be conducted prior to the redevelopment of the property to identify the current concentrations of subsurface contaminants present and determine if they pose a vapor encroachment hazard.

1.6 Environmental Professional Statement & Signatures

This report has been prepared by the staff of Cardno for Bayrock PHG Piedmont, LLC under the professional supervision of the principal and/or senior staff whose signatures appear hereon. Neither Cardno, nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved. Resumes for the personnel listed below are included in Appendix B.

The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgments founded upon the findings of the investigations identified in the report and the interpretation of such data based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either express or implied.

The investigation was prepared in accordance with the scope of work provided by the client for the use and benefit of Bayrock PHG Piedmont, LLC, and its partners, lenders, affiliates, successors, and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by Bayrock PHG Piedmont, LLC. Neither this report, nor any information contained herein shall be used or relied upon for any purpose by any other person or entity without the express written permission of Bayrock PHG Piedmont, LLC.

Anyone seeking defenses to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability must take independent action to perfect their position.

Regarding the property seller and/or purchaser (choose one):

_____X_____Our firm does not now have, nor has it ever had, any affiliation, nor have we ever done any work for the buyer or seller of the property to the best of our knowledge.

_____Our firm has had either an affiliation or done work for the buyer or seller as is described in the attached sheet.

This is certified as true and correct to the best of my (our) knowledge. The above information (and attachments) is subject to penalty for false statements under 18 U.S.C. Section 1001.

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* (EP) 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 all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

James F. Chappell
Cardno, Principal

David Daniels
Cardno, Project Geologist

2 Introduction

2.1 Purpose

The purpose of this Phase I ESA was to identify *recognized environmental conditions* and certain potential environmental conditions outside the scope of ASTM Standard Practice E 1527-13 in connection with the property at the time of the site reconnaissance. This report documents the findings, opinions, and conclusions of the Phase I ESA.

2.2 Scope

This Phase I ESA was conducted in general accordance with the ASTM Standard Practice E 1527-13, consistent with a level of care and skill ordinarily practiced by the environmental consulting profession currently providing similar services under similar circumstances. Significant additions, deletions, or exceptions to ASTM Standard Practice E 1527-13 are noted below or in the corresponding sections of this report. The scope of this assessment included an evaluation of the following:

> Physical setting characteristics of the property through a review of referenced sources such as topographic maps and geologic, soils and hydrologic reports.

> Usage of the property, adjoining properties and surrounding area through a review of referenced historical sources such as land title records, fire insurance maps, city directories, aerial photographs, prior reports, and interviews.

> Observations and interviews regarding current property usage and conditions including the use, treatment, storage, disposal, or generation of hazardous substances, petroleum products, hazardous wastes, non-hazardous solid wastes, and wastewater.

> Usage of adjoining and surrounding area properties and the likely impact of known or suspected releases of hazardous substances or petroleum products from those properties on the property.

> Information in referenced environmental agency databases and local environmental records, within the specified approximate minimum search distance from the property.

2.3 Significant Assumption

Any assumptions in this report were not considered as having significant impact on the determination of *recognized environmental conditions* associated with the site.

2.4 Limitations and Exceptions

Cardno prepared this Phase I ESA report using reasonable efforts to identify *recognized environmental conditions* and areas of environmental concern associated with hazardous substances or petroleum products at the site. Findings contained within this report are based on information collected from observations made on the day(s) of the site reconnaissance and from reasonably ascertainable information obtained from certain public agencies and other referenced sources.

The ASTM Standard Practice E 1527-13 recognizes inherent limitations for Phase I ESAs, including, but not limited to:

> *Uncertainty Not Eliminated* – A Phase I ESA cannot completely eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with any site.

> *Not Exhaustive* – A Phase I ESA is not an exhaustive investigation of the site and environmental conditions on such site.

> *Past Uses of the Site* – Phase I requirements only require review of standard historical sources at 5-year intervals. Therefore, past uses of site at less than 5-year intervals may not be discovered.

Users of this report may refer to ASTM Standard Practice E 1527-13 for further information regarding these and other limitations. This report is not definitive and should not be assumed to be a complete and/or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions determined by surface observations, interviews, and reviews of historical sources. The most reliable method of evaluating subsurface conditions is through intrusive techniques, which are beyond the scope of this report. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other site construction purposes. Any use of this report by any party, beyond the scope and intent of the original parties, shall be at the sole risk and expense of such user.

Cardno makes no representation or warranty that the past or current operations at the site are, or have been, in compliance with all applicable federal, state, and local laws, regulations, and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, Cardno is not responsible for consequences or conditions arising from facts not fully disclosed to Cardno during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and is assumed to be correct and complete unless obviously contradicted by Cardno's observations or other credible referenced sources reviewed during the assessment. Cardno shall not be liable for any such database firm's failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

Cardno used reasonable efforts to identify evidence of aboveground and underground storage tanks and ancillary equipment on the site during the assessment. "Reasonable efforts" were limited to observation of accessible areas, review of referenced public records and interviews. These reasonable efforts may not identify subsurface equipment or evidence hidden from view by things including, but not limited to, snow cover, paving, construction activities, stored materials and landscaping.

Any estimates of costs or quantities in this report are approximations for commercial real estate transaction due diligence purposes and are based on the findings, opinions, and conclusions of this assessment, which are limited by the scope of the assessment, schedule demands, cost constraints, accessibility limitations, and other factors associated with performing the Phase I ESA. Subsequent determinations of costs or quantities may vary from the estimates in this report. The estimated costs or quantities in this report are not intended to be used for financial disclosure related to the Financial Accounting Standards Board (FASB) Statement No. 143, FASB Interpretation No. 47, Sarbanes/Oxley Act or any United States Securities and Exchange Commission reporting obligations, and may not be used for such purposes in any form without the express written permission of Cardno.

Cardno is not a professional title insurance or land surveyor firm and makes no guarantee, express or implied, that any land title records acquired or reviewed in this report, or any physical descriptions or depictions of the site in this report, represent a comprehensive definition or precise delineation of site ownership or boundaries.

The Environmental Professional Statement in Section 1.6 of this report does not "certify" the findings contained in this report and is not a legal opinion of such Environmental Professional. The Environmental Professional Statement is intended to document Cardno's opinion that an individual meeting the qualifications of an Environmental Professional was involved in the performance of the assessment and that the activities performed by, or under the supervision of, the Environmental Professional were performed in conformance with the standards and practices set forth in 40 CFR Part 312 per the methodology in ASTM Standard Practice E 1527-13 and the scope of work for this assessment.

Per ASTM Standard Practice E 1527-13, Section 6, User Responsibilities, the User of this assessment has specific obligations for performing tasks during this assessment that will help identify the possibility of *recognized environmental conditions* in connection with the site. Failure by the User to fully comply with the requirements may impact their ability to use this report to help qualify for Landowner Liability Protections (LLPs) under Comprehensive, Environmental Response, Compensation, and Liability Act (CERCLA). Cardno makes no

representations or warranties regarding a User's qualification for protection under any federal, state, or local laws, rules, or regulations.

In accordance with the ASTM Standard Practice E 1527-13, this report is presumed to be valid for a 6-month period. If the report is older than 6 months, the following information must be updated in order for the report to be valid: (1) regulatory review, (2) site visit, (3) interviews, (4) specialized knowledge, and (5) environmental liens search. Reports older than 1 year may not meet the ASTM Standard Practice E 1527-13 and, therefore, the entire report must be updated to reflect current conditions and site-specific information.

Other limitations and exceptions that are specific to the scope of this report may be found in corresponding sections.

2.5 Special Terms and Conditions (User Reliance)

Cardno makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either expressed or implied. Unless otherwise agreed upon in writing by Cardno and a third party, Cardno's liability to any third party authorized to use or rely on this report with respect to any acts or omissions shall be limited to a total maximum amount of $100,000.

3 Site Description

3.1 Location and Legal Description

The property is located at 230 and 240 MacArthur Boulevard, Oakland, California, 94611. According to information obtained from the Los Angeles County Assessor's Office, the property is defined by Assessor's Parcel Numbers 12-986-25-1 and 12-986-28. The subject site consists of a two-story commercial building on the northwestern portion of the property, two single-story commercial buildings on the southeastern portion of the property, and parking lots that encompass approximately 0.5 acre.

A Site Vicinity Map is provided in Appendix C, a Site Plan is provided in Appendix D, and site photographs are provided in Appendix E.

3.2 Surrounding Area General Characteristics

The property is located in an area that is characterized by commercial and residential uses. Howe Street adjoins the property to the northwest, MacArthur Boulevard adjoins the property to the southwest, and Piedmont Avenue adjoins the property to the southeast. The property and adjoining parcels exhibit a relatively level topography with no significant surface features. A review of the Oakland West and Oakland East, California Quadrangle topographic map suggests the groundwater in the vicinity flows to the west-northwest.

3.3 Current Use of the Property

The property is improved with three commercial buildings and is currently occupied by the Oakland Autoworks and a Shell service station. The subject site consists of two 100-square foot single-story buildings and one 5,000-square foot two-story commercial building located on approximately 0.5 acre. The property is addressed 230 and 240 MacArthur Boulevard, Oakland, California, 94611.

3.4 Description of Property Improvements

The following table provides general descriptions of the site improvements.

Table 3-1 Description of Property Improvements

Property Summary	
Size of Property (approximate)	0.5 acre.
Size of First Floor Space (approximate)	100, 100, and 5,000 square feet.
General Topography of Property	Relatively flat with a slight slope to the west-northwest.
Adjoining and/or Access/Egress Roads	The property is accessed by MacArthur Boulevard to the southwest and Piedmont Avenue to the southeast.
Paved or Concrete Areas (including parking)	Asphalt-paved parking areas, concrete sidewalks, and concrete curbs.
Unimproved Areas	None.
Landscaped Areas	Shrubs and trees along perimeter of the site.
Surface Water	None.
Potable Water Source / Connection Date	East Bay Municipal Water District / Unknown.
Sanitary Sewer Utility / Connection Date	City of Oakland / Unknown.
Storm Sewer Utility / Connection Date	City of Oakland / Unknown.
Electrical Utility / Connection Date	Pacific Gas and Electric / Unknown.
Natural Gas Utility / Connection Date	Pacific Gas and Electric / Unknown.
Current Occupancy Status	Oakland Autoworks and Shell.
Unoccupied Buildings/Spaces/Structures	None.
General Building Description	Two single-story and one two-story, commercial buildings.
Number of Floors	One/two.
Construction Completion Date (year)	Unknown.
Construction Type	Concrete slab-on-grade foundations, brick walls, and flat roofing.
Interior Finishes Description	Concrete floors; brick walls, and drywall.
Exterior Finishes Description	Painted brick.
Heating and Cooling System Type	Heating, ventilation, and air conditioning (HVAC).
Emergency Power	None observed.

3.5 Current Uses of Adjoining Properties

Current uses of the adjoining properties are detailed in the following table.

Table 3-2 Current Uses of Adjoining Properties

Direction from Property	Occupant(s) Name	Current Use	Potential Environmental Conditions
Northwest (Beyond Howe Street)	Kaiser Permanente	Commercial Space	None
Northeast	Kaiser Permanente	Commercial Space	None
Southeast (Beyond Piedmont Avenue)	The Lodge, Cybelle's on Piedmont, China Garlic	Commercial Space	None

Direction from Property	Occupant(s) Name	Current Use	Potential Environmental Conditions
Southwest (Beyond MacArthur Boulevard)	Kaiser Permanente	Commercial Space	None

No *recognized environmental conditions* were identified at the surrounding properties.

4 User-Provided Information

The following section summarizes information, if any, provided by Bayrock PHG Piedmont, LLC with regard to the Phase I ESA.

4.1 Title Records

Bayrock PHG Piedmont, LLC provided no title records information for the property.

4.2 Environmental Liens or Activity and Use Limitations

Bayrock PHG Piedmont, LLC provided no information regarding property environmental liens or activity and use limitations (AULs).

4.3 Specialized Knowledge

Bayrock PHG Piedmont, LLC provided no specialized knowledge regarding *recognized environmental conditions* associated with the property.

4.4 Significant Valuation Reduction for Environmental Issues

Bayrock PHG Piedmont, LLC provided no information regarding a significant valuation reduction resultant from environmental issues associated with the property.

4.5 Owner, Property Manager and Occupant Information

Bayrock PHG Piedmont, LLC provided information regarding the property use and identified the property contact as Glen Poy Wing.

4.6 Reason for Performing Phase I ESA

Bayrock PHG Piedmont, LLC indicated this Phase I ESA was being performed in conjunction with purchase and redevelopment of the property.

4.7 Other User-Provided Documents

Bayrock PHG Piedmont, LLC provided Cardno with no other documents as described in the ASTM Standard Practice E 1527-13.

5 Records Review

5.1 Standard Environmental Records

The regulatory agency database report discussed in this section, provided by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut, was reviewed for information regarding reported releases of hazardous substances and petroleum products on or near the site. Cardno also reviewed the “unmappable” (also referred to as “orphan”) listings within the database report, cross-referencing available address information and facility

names. Unmappable sites are listings that could not be plotted with confidence, but are potentially in the general area of the site based on the partial street address, city, or zip code. Any unmappable site that was identified by Cardno as being within the approximate minimum search distance from the site based on the site reconnaissance and/or cross-referencing to mapped listings is included in the discussion within this section. The complete regulatory agency database report may be found in Appendix F.

The following is a summary of the findings of the database review. Note that the table only includes a list of the standard federal and state databases that were reviewed. For a complete list of databases that were searched, refer to Appendix F.

Table 5-1 Standard Environmental Records

Regulatory Database	Approximate Minimum Search Distance	Property Listed?	# Sites Listed
Federal National Priority List (NPL)	1 mile	No	0
Federal Delisted NPL	½ mile	No	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List	½ mile	No	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP)	½ mile	No	0
Federal Resource Conservation and Recovery Act (RCRA) Corrective Action Facilities (CORRACTS)	1 mile	No	0
Federal RCRA Non-CORRACTS Treatment, Storage, and Disposal Facilities (TSD)	½ mile	No	0
Federal RCRA Generators	Property & Adjoining	Yes	9
Federal Institutional Control/Engineering Control Registry	Property	No	0
Federal Emergency Response Notification System (ERNS) List	Property	No	0
State and Tribal Hazardous Waste Sites (SHWS)	1 mile	No	0
State and Tribal Landfill or Solid Waste Disposal Sites	½ mile	No	0
State and Tribal Leaking Underground Storage Tanks (LUST)	½ mile	Yes	47
Records of Emergency Release Reports (SPILLS)	Property	No	0
State and Tribal Registered Underground Storage Tanks (UST)	Property & Adjoining	Yes	10
State and Tribal Registered Aboveground Storage Tanks (AST)	¼ mile	No	1
State and Tribal Voluntary Institutional Control/Engineering Control Registry	Property	No	0
State and Tribal Voluntary Cleanup Sites	½ mile	No	1
Historical Auto Stations	¼ mile	Yes	13
Historical Cleaners	¼ mile	No	14

5.1.1 Federal Agency Database Findings

The property was identified in the following federal agency databases searched by EDR:

Site Name and Address: Druhe E W; Service Station – SAP 135676; Shell; Shell Oil Products SAP 135676 - 230 West MacArthur Boulevard / 240 Dodson LTD – 240 West MacArthur Boulevard.

Databases: Enforcement and compliance History Online (ECHO); EDR Hist Auto; FINDS; HAZNET; RCRA-LQG.
Comments: The site was listed as a RCRA Large Quantity Generator (LQG) with no violations found. The facility is also listed in the FINDS, HAZNET and ECHO databases. The FINDS database is a search engine used by various agencies to search for environmental issues and information. The HAZNET database collects data extracted from copies of hazardous waste manifests received each year by the Department of Toxic Substances Control (DTSC). According to HAZNET, the facility disposes of other organic solids, other inorganic solid waste, aqueous solution with total organic residues less than 10 percent, and alkaline solution without metals pH>= 12.5. The ECHO database provides integrated compliance enforcement information for about 800,000 regulated facilities nationwide. The EDR Hist Auto database collects listings of potential gas station/filling station/service stations sites.

EDR identified multiple mapped sites on federal government databases within 1 mile of the site, including two listings on the RCRA-LQG and six listings on the RCRA-SQG databases. Based on distance, topography, assumed groundwater gradient, current regulatory status, and/or the absence of reported releases, none of the sites listed in the federal agency databases are considered to represent a likely past, present or *material threat* of release on the property.

5.1.2 State and Tribal Database Findings

The property was identified in the following state and tribal agency databases searched by EDR:

Site Name and Address: Bhushan Bansal; MacArthur Shell; Shell; Shell #13-5676 - 230 West MacArthur Boulevard.
Databases: California (CA) Facility Inventory Database (FID) UST; Hist CORTESE; Hist UST; LUST; Recovered Government Archive (RGA) LUST; Statewide Environmental Evaluation and Planning System (SWEEPS) UST; UST; Alameda County LUFT/SLIC.
Comments: According to several of the regulatory database listings, the 230 MacArthur parcel had a LUST case (Alameda County Local Oversight Program [LOP] Case No. R0000303) for a release of gasoline, discovered on November 3, 1987, during the removal of two 8,000-gallon and one 10,000-gallon gasoline USTs. The LUST case was closed on January 23, 2013.

The Alameda County CS listing documents an open Alameda County regulatory case at the 240 MacArthur parcel. The listing states that the status of the case is “pollution characterization.” As discussed herein, based upon the available records, this listing relates to a historic petroleum release at the 240 MacArthur parcel that is currently undergoing investigation and remediation under agency oversight. As noted, the historic release at the 240 MacArthur parcel is considered a REC and a potential VEC.

The remaining regulatory database listings for the property relate the presence of former automobile repair facilities, USTs, and hazardous materials. Based on the environmental assessment activities performed to date on both the 230 and 240 MacArthur parcels since the late 1980s, the history of regulatory oversight, and the lack of evidence for additional releases at the property, the remaining regulatory database listings are not considered a REC.

EDR identified multiple mapped sites on state government databases within 1 mile of the site, including one on the AST, six on the ENVIROSTOR, 45 on the LUST, one on the RESPONSE, five on the Spills, Leaks, Investigations, and Cleanups (SLIC), seven on the SWEEPS UST and nine on the UST databases. Based on distance, topography, assumed groundwater gradient, current regulatory status, and/or the absence of reported releases, none of the sites listed in the state agency databases are considered to represent a likely past, present or *material threat* of release on the property.

5.1.3 Orphan Sites

The database report included a section entitled “Orphan Summary.” The locations of facilities listed in this section cannot be mapped due to incomplete or inaccurate information. Cardno reviewed this section and compared the names and addresses (if available) with information generated during the site reconnaissance

visit. None of the sites listed in the orphan summary are considered to represent a likely past, present or *material threat* of release to the property.

5.1.4 Local Environmental Records Sources

Local Health Department

The acquisition of local health department records was not required by the scope of work for the Phase I ESA.

Fire Department

The acquisition of fire department records was not required by the scope of work for the Phase I ESA.

Department of Planning and Zoning

Cardno reviewed the City of Oakland Planning and Zoning Division website for zoning information. According to the City of Oakland, the property is zoned CN-2/D-KP-3 Neighborhood Center/Kaiser Permanente Oakland. There were no other historical zoning/land use records identified during the course of this assessment.

Building Department

The acquisition of building department records was not required by the scope of work for the Phase I ESA.

Electrical Utility Company

Cardno confirmed that electrical service at the property is currently supplied by Pacific Gas and Electric.

Water Utility

Cardno confirmed that the East Bay Municipal Utility District supplies potable water to the property and surrounding area.

Sewer Utility

Cardno confirmed that the City of Oakland maintains sanitary and storm sewer infrastructure in the property vicinity.

Other Local Environmental Records Sources

Cardno reviewed the California State Water Resources Control Board's GeoTracker website for information pertaining to regulated facilities in California. GeoTracker identified open LUST case (Alameda County Environmental Health Department Fuel Leak Case No. RO0000142) for 240 West MacArthur Boulevard. The case was opened due to the release of gasoline and diesel from three 10,000-gallon USTs that were removed from the site sometime prior to 1991. A waste oil UST was removed from the site in 1996. GeoTracker also identified closed LUST case (Alameda County Environmental Health Department Fuel Leak Case No. RO0000303) for 230 West MacArthur Boulevard. The case was opened due to the release of gasoline from two 8,000-gallon and one 10,000-gallon gasoline USTs that were removed from the site in 1987. The LUST case was closed in 2013. As noted, the historic petroleum release at the 240 MacArthur parcel is considered a REC and the historic petroleum release at 230 MacArthur is considered a CREC.

5.2 Physical Setting Sources

5.2.1 Topography

Cardno's review of the 2012 United States Geological Survey (USGS) topographic map of Oakland West and Oakland East, California quadrangles and the EDR regulatory database report indicates that the subject property is approximately 78 feet above mean sea level. The topography of the area immediately surrounding the property declines slightly to the west-northwest.

5.2.2 Geology

Assessment activities at the property indicate that soil beneath the site consists of interbedded silty/sandy clays with silty/clayey sand, with occasional gravelly zones (Stellar, 2007).

5.2.3 Soils

According to information supplied by EDR obtained from the United States Department of Agriculture (USDA), the site is underlain by Tierra loam. The property map unit consists of moderately well drained soil.

5.2.4 Hydrology

During the first quarter 2016 groundwater monitoring event performed at 240 West MacArthur Boulevard, the depth to groundwater in the wells ranged from 17.07 to 18.96 feet below top of casing, and the groundwater flow direction was to the southwest with a horizontal gradient of 0.013 feet/feet (SOMA, 2016).

5.2.5 Other Physical Setting Sources

Flood Plain Map

According to information presented on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Map No. 06001C0059G dated August 3, 2009, the property is located in “Zone X,” an area determined to be outside of the 100- and 500-year flood plains. Copies of the FEMA flood plain maps are included in Appendix G.

Wetlands Map

Cardno did not observe any areas of the property that were indicative of potential wetlands. Cardno’s review of the United States Department of the Interior Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) website revealed no designated federal wetland areas at the property. A copy of the EDR interactive map, which includes wetlands, is included in the EDR Radius Map Report in Appendix F, and a copy of the NWI map for the property is included in Appendix G.

5.3 Historical Records Sources

The readily available historical sources used as part of this assessment may not have strictly complied with ASTM Standard Practice E 1527-13 due to the fact that they were not available in 5-year intervals dating back to at least 1940. However, the review of available historic information has provided Cardno with sufficient information to meet the requirements of ASTM Standard Practice E 1527-13 §8.3.2.1 and §8.3.2.2 and as such, the historical research, as stated in ASTM Standard Practice E 1527-13 §8.3.2.3, is considered complete. The following table summarizes the findings of the research presented below pertaining to historical property and surrounding area uses.

Table 5-2 Historical Record Sources

HISTORICAL USE SUMMARY				
Period	**Identified Historical Uses**		**Sources**	**Comments**
	Property	**Adjacent Properties**		
Prior to 1940	Residential and Commercial	Residential and Commercial	Aerial Photo (1939) City Directories (None) Sanborn® Maps (1903, 1911, 1912, 1929) Topographic Maps (1895, 1897, 1899, 1915)	Data Gap: 1904 to 1910, 1916 to 1928 and 1930 to 1938 First Historical Record: 1895 Topographic Map Property developed with residential structures and a gasoline service station
1940 to 1960	Residential and Commercial	Residential and Commercial	Aerial Photographs (1946, 1958) City Directories (1943, 1945, 1955) Sanborn® Maps (1950, 1951, 1952, 1954, 1959, 1960) Topographic Maps (1947, 1948, 1949, 1959)	Data Gap: None Property developed with two gasoline service stations
1961 to 1980	Commercial	Residential and Commercial	Aerial Photographs (1963, 1968, 1974) City Directories (1967) Sanborn® Maps (1962, 1966, 1967, 1968, 1969, 1970) Topographic Maps (1968, 1973, 1980)	Data Gap: 1975 to 1979 Property developed with two gasoline service stations
1981 to present	Commercial	Residential and Commercial	Aerial Photographs (1982, 1993, 1998, 2005, 2009, 2010, 2012) City Directories (2008, 2013) Sanborn® Maps (None) Topographic Map (1996, 1997, 2012) Site Reconnaissance	Data Gap: 1983-1992 and 1999-2004 Property developed with a gasoline service station and an auto repair facility

The property has historically been residential and commercial land with residential structure prior to the construction of a commercial building in or before 1939.

Interval gaps (greater than 5 years) were encountered during the research of historical use information for the property and surrounding area. However, based on the review of available historical sources, these data gaps did not have an impact on the *recognized environmental condition* determinations of this assessment and are not *significant data gaps*.

5.3.1 Aerial Photographs

Aerial photographs were provided to Cardno for review in *The EDR Aerial Photo Decade Package*. Cardno also reviewed readily available aerial photographs on www.historicaerials.com. The following are descriptions and interpretations from the aerial photograph review.

Table 5-3 Aerial Photographs

AERIAL PHOTOGRAPH SUMMARY		
Year	**Scale**	**Comments**
1939 1946	1”=500’ 1”=500’	**Property**: The property consists of a gas station on the southeast portion and residences on the northwest portion. **Surrounding Area:** The surrounding area is residential with some commercial buildings to the northwest, west and southwest. Northeast-southwest trending roads are visible to the northwest and southeast of the property (presumably Howe Street and Piedmont Avenue, respectively) and a northwest-southeast trending road is visible to the southwest of the property (presumably MacArthur Boulevard).
1958 1963	1”=500’ 1”=500’	**Property**: The property has been redeveloped with a new gas station building on the southeast portion and a gas station building is now also located on the northwest portion. **Surrounding Area:** Some of the commercial areas to the northwest, west, and southwest have been redeveloped with new buildings, little change is observed in the residential areas.
1968 1974	1”=500’ 1”=500’	**Property**: The property appears similar to the 1963 aerial photograph with little change. **Surrounding Area:** The surrounding area appears similar to the 1963 aerial photograph with the exception that the residential area to the northeast has been redeveloped with commercial buildings.
1982 1993 1998 2005 2009 2010 2012	1”=500’ 1”=500’ 1”=500’ 1”=500’ 1”=500’ 1”=500’ 1”=500’	**Property**: The property has been redeveloped with the current auto shop structure on the northwest portion and the current gas station on the southeast portion. **Surrounding Area:** The surrounding area appears similar to the 1974 aerial photograph.

The review of aerial photographs identified the property’s use as gasoline service stations and auto repair facilities as potential environmental concerns at the property. As discussed herein, historic petroleum releases identified at the 230 and 240 MacArthur parcels are considered a CREC and a REC, respectively. Based on the environmental assessment activities that have occurred in association with these releases since the late 1980s, the history of regulatory involvement in the investigations, and the lack of evidence of additional releases at the property, the former gasoline service stations and auto repair facilities are not considered a REC. The existing gasoline service stations and auto repair facilities are considered a potential environmental concern. No RECs were identified on the property or in the surrounding area based on Cardno’s review of aerial photographs. Copies of reproducible aerial photographs are included in Appendix H.

5.3.2 Fire Insurance Maps

Sanborn® fire insurance maps were provided to Cardno for review in the *Certified Sanborn® Map Report*.

The 1903 Sanborn® map depicts the property as mostly vacant with a residential building on the northwestern portion. The surrounding area is mostly vacant with residential structures scattered throughout, and a hospital to the northwest.

The 1911 Sanborn® map depicts the property as being developed with several residential buildings. The surrounding area has been developed with additional residential buildings.

The 1912, 1929, and 1950 Sanborn® maps do not cover the property. The 1912 and 1929 maps depict additional residential development to the southeast. The 1950 map depicts additional residential development to

the south and commercial development to south and west, including a gasoline service station to the southwest of the property across MacArthur Boulevard.

The 1951 Sanborn® map depicts two gasoline service stations on the property. The area to the northeast has been developed with additional residential buildings.

The 1952 and 1954 Sanborn® maps do not cover the property. The surrounding area shows little change from the 1951 map.

The 1959 Sanborn® map depicts two gasoline service stations on the property, but the gasoline service station on the southeastern portion has been redeveloped with a new building. The surrounding area shows little change from the 1954 map.

The 1960 Sanborn® map shows little change to the structures on the property and surrounding area.

The 1962 Sanborn® map does not cover the property. The surrounding area shows little change from the 1960 map.

The 1966 Sanborn® map depicts canopy structures for the two gasoline service stations on the property. The area to the northeast of the property has been redeveloped with commercial structures.

The 1967 Sanborn® map shows little change on the property from the 1966 map. The commercial area to the southwest has been redeveloped with new commercial buildings and the gasoline service station is gone.

The 1968 Sanborn® map does not cover the property. The surrounding area shows little change from the 1967 map.

The 1969 Sanborn® map shows little change to the structures on the property and surrounding area.

The 1970 Sanborn® map does not cover the property. The surrounding area shows little change from the 1969 map.

The review of the Sanborn® maps identified the property's use as gasoline service stations and auto repair facilities as a potential environmental concern at the property. As discussed herein, historic petroleum releases identified at the 230 and 240 MacArthur parcels are considered a CREC and a REC, respectively. Based on the environmental assessment activities that have occurred in association with these releases since the late 1980s, the history of regulatory involvement in the investigations, and the lack of evidence of additional releases at the property, the former gasoline service stations and auto repair facilities are not considered a REC. No RECs were identified on the property or in the surrounding area based on Cardno's review of Sanborn® maps. A copy of the *Certified Sanborn® Map Report* is included in Appendix I.

5.3.3 Property Tax Files

The acquisition of property tax files was not required by the scope of work for the Phase I ESA. According to information obtained from the Alameda County Assessor's Office, the current owners of the property are listed as Xiao Yi Zheng (230 West MacArthur Boulevard) and Glen and Elizabeth Poy-Wing (240 West MacArthur Boulevard).

5.3.4 Recorded Land Title Records

The acquisition of recorded land title records was not required by the scope of work for the Phase I ESA.

5.3.5 Historical USGS Topographic Quadrangles

Cardno reviewed available historical USGS Quadrangle topographic maps for information regarding past uses of the property. Cardno reviewed historic USGS Oakland East and Oakland West, California (dated 1949, 1959, 1968, 1973, 1980, 1996, 1997, and 2012), Oakland East (dated 1947), San Francisco and Concord (dated 1895, 1897, 1915, and 1948) and San Francisco(dated 1899) topographic quadrangle maps provided by EDR.

The 1895, 1897, and 1899 topographic maps depict the property and surrounding properties as undeveloped with a few structures depicted on surrounding properties.

The 1915 topographic map appears similar to the 1899 map with the exception that Howe Street and Piedmont Avenue are depicted to the northwest and southeast of the property, respectively.

The 1947 topographic map does not cover the property.

The 1948 topographic map appears similar to the 1915 map, with the exception that MacArthur Boulevard is depicted to the southwest of the property.

The 1949 topographic map appears similar to the 1948 map, with the exception that Permanente Hospital is depicted northwest of the property.

The 1959, 1968, 1973, 1980, 1996, 1997, and 2012 topographic maps appear similar to the 1949 map.

The review of historic USGS Quadrangle topographic maps did not identify past uses indicating *recognized environmental conditions* at the property or surrounding area. Historic USGS Topographic Maps are included in Appendix K.

5.3.6 City Directories

EDR researched the availability of historical city directories. The following are descriptions and interpretations from the historical city directory review. Documentation is included in Appendix I.

Table 5-4 City Directories

CITY DIRECTORY SUMMARY	
Year	**Comments**
1920 1925 1926 1928 1932 1933 1938 1940	**Property**: 230 and 240 MacArthur Boulevard not listed **Surrounding Area**: No *recognized environmental conditions*.
1943	**Property**: 240 MacArthur Boulevard – Inman Edgar P Lillian M farmer h **Surrounding Area**: No *recognized environmental conditions*.
1945	**Property**: 230 MacArthur Boulevard – Shell Oil Company Incorporated Service Stations 240 MacArthur Boulevard – Craig Oil Co and Inman Perce Mrs R **Surrounding Area**: No *recognized environmental conditions*.
1946 1950 1951 1954	**Property**: 230 and 240 MacArthur Boulevard not listed **Surrounding Area**: No *recognized environmental conditions*.
1955	**Property**: 230 MacArthur Boulevard – Collis Robt 240 MacArthur Boulevard – Inman E P **Surrounding Area**: No *recognized environmental conditions*.

CITY DIRECTORY SUMMARY	
1956 1959 1960 1962 1965	**Property**: 230 and 240 MacArthur Boulevard not listed **Surrounding Area**: No *recognized environmental conditions*.
1967	**Property**: 230 MacArthur Boulevard – Beebes Shell Service 240 MacArthur Boulevard – Gulf Oil Service Station **Surrounding Area**: No *recognized environmental conditions*.
1970 1973 1975 1976 1979 1980 1982 1984 1986 1991 1992 1993 1996 2000 2002 2006	**Property**: 230 and 240 MacArthur Boulevard not listed **Surrounding Area**: No *recognized environmental conditions*.
2008	**Property**: 230 MacArthur Boulevard not listed 240 W MacArthur Boulevard – Oakland Auto Works **Surrounding Area**: No *recognized environmental conditions*.
2013	**Property**: 230 MacArthur Boulevard not listed 240 W MacArthur Boulevard – Oakland Auto Works **Surrounding Area**: No *recognized environmental conditions*.

The property was identified in the city directory listings under the addresses of 230 and 240 MacArthur Boulevard.

As discussed herein, historic petroleum releases identified at the 230 and 240 MacArthur parcels are considered a CREC and a REC, respectively. Based on the environmental assessment activities that have occurred in association with these releases since the late 1980s, the history of regulatory involvement in the investigations, and the lack of evidence of additional releases at the property, the former gasoline service stations and auto repair facilities are not considered a REC. No RECs were identified on the property or in the surrounding area based on Cardno's review of City Directories.

5.3.7 Building Department Records

The acquisition of building department records was not required by the scope of work for the Phase I ESA.

5.3.8 Zoning/Land Use Records

Cardno reviewed the City of Oakland Planning and Zoning Division website for zoning information. According to the City of Oakland, the property is zoned CN-2/D-KP-3 Neighborhood Center/Kaiser Permanente Oakland. There were no other historical zoning/land use records identified during the course of this assessment.

5.3.9 Prior Reports

Cardno was able to review environmental assessment reports available on the California State Water Resources Control Board's GeoTracker website for the two service stations formerly and currently located at the property. The reports identified that both service stations have had a release of contaminants (gasoline and diesel) to the subsurface.

5.3.10 Other Historical Sources

No other historical sources were reviewed.

6 Site Reconnaissance

On February 13, 2017, a site reconnaissance was conducted by Ms. Nadya Vicente, Cardno Senior Staff Geologist. The following is a summary of visual and/or physical observations of the property conditions on the day of the site reconnaissance. Photographs of the property are provided in Appendix E.

6.1 Methodology and Limiting Conditions

The site reconnaissance consisted of visual and/or physical observations of the property and improvements, adjoining sites as viewed from the property, and the surrounding area based on visual observations made during the trip to and from the property. Unimproved portions of the property (if any) were observed along the perimeter in safely accessible areas.

Weather at the time of the property reconnaissance was cloudy and approximately 65 degrees Fahrenheit. No weather-related limitations of visibility were encountered. Cardno did not gain access to the roof at the time of the site reconnaissance.

6.2 Hazardous Substance Use, Storage, and Disposal

Cardno observed the use and storage of hazardous substances, including hazardous wastes, on the property. A hazardous waste storage area was observed inside the Oakland Auto Works building on the northwestern portion of the property, it contained 55-gallon drums of used-oil filters, a used-oil AST and a used antifreeze AST. Oakland Auto Works was also observed to store and use motor oil and degreasing solvents as part of its auto repair activities. The Shell gasoline service station on the southeastern portion was observed to store and dispense gasoline. Minor waste oil staining was observed near the hazardous waste storage area and in the service bays of the Oakland Auto Works building. The use and storage of hazardous substances and waste oil staining are considered *de minimis conditions* to the property.

6.3 Underground Storage Tanks

Cardno identified three gasolines USTs at the Shell gasoline service station on the southeastern portion of the property. The gasoline USTs are considered a potential environmental concern to the property. Based on the lack of reported releases from these USTs, and the lack of evidence of impacts from the USTs identified during the environmental assessment activities performed while the USTs were installed, the USTs are not considered a REC.

6.4 Aboveground Storage Tanks

Cardno observed a used-oil aboveground storage tank (AST) and a used antifreeze AST in the Oakland Auto Works building on the northwestern portion of the property. The used-oil and antifreeze ASTs are considered potential environmental concern. Based on the lack of significant staining or other evidence of releases in connection with the ASTs, including the ongoing environmental assessment, the ASTs are not considered a REC.

6.5 Other Petroleum Products

Cardno observed three in-use aboveground hydraulic lifts and four out-of-use in-ground hydraulic lifts in the Oakland Auto Works building on the northwestern portion of the property. The hydraulic lifts are considered a potential environmental concern to the property. Based on the lack of significant staining or other evidence of releases in connection with the lifts, including the ongoing environmental assessment, the lifts are not considered a REC.

6.6 Polychlorinated Biphenyls

Cardno did not observe evidence of polychlorinated biphenyls (PCBs) on the property.

6.7 Unidentified Substance Containers

Cardno observed two unlabeled 55-gallon drums on the north side of the property. Based on the lack of significant staining or other evidence of releases in connection with the drums, including the ongoing environmental assessment, the drums are not considered a REC.

6.8 Nonhazardous Solid Waste

Cardno observed evidence of the generation, storage, or disposal of nonhazardous solid waste on the property as summarized in the following table.

Table 6-1 Non-Hazardous Solid Waste Summary Table

Type of Waste	Generation Process	Quantity	Type of Storage	Location	Disposal/Removal Method & Frequency	Evidence of Release?
Municipal Solid Waste	General commercial	Unknown	3 Dumpsters	2 south of the Oakland Auto Works building and one north of the Shell building	Unknown	No
Purge Water	Groundwater monitoring	Unknown	6 55-gallon drums	South of the Oakland Auto Works building	Unknown	No

Based on the observed conditions, the generation of nonhazardous wastes is not considered a *recognized environmental condition* to the property.

6.9 Wastewater

Cardno observed evidence of wastewater generated, treated or discharged (including sanitary sewage and storm water) on the property or to adjoining properties as summarized in the following table.

Table 6-2 Wastewater Summary Table

Type of Wastewater	Generation Process	Treatment System?	Discharged To?
Commercial Sanitary Sewage	General commercial processes and automotive repair	Unknown	Sanitary Sewer
Storm Water	General rain events (assumed)	No	Storm Sewer

The presence of wastewater on the property is not considered a *recognized environmental condition* to the property.

6.10 Waste Pits, Ponds and Lagoons

Cardno did not observe obvious visual indications of waste pits, ponds, or lagoons on the property.

6.11 Sumps

Cardno did not observe obvious visual indications of a sump on the property but did observe drains in the Oakland Auto Works building on the northwestern portion of the property. Based on the lack of significant staining or other evidence of releases in connection with the drains, including the ongoing environmental assessment, the drains are not considered a REC.

6.12 Septic Systems

Cardno did not observe obvious visual indications of a septic system on the property.

6.13 Storm water Management System

Storm water on the property infiltrates into the underlying soils or is transported via sheet flow along paved areas to storm water drains along the roadways.

6.14 Wells

Cardno observed eight groundwater monitoring wells (MW-1 through MW-8), five soil vapor wells (SV-1 through SV-5) and two sub-slab vapor wells (SS1 through SS2) on the northwestern portion of the property. Cardno understands that these wells are associated with the ongoing environmental assessment and remediation on the 240 MacArthur parcel. The presence of these wells is not considered a REC.

6.15 Regulatory Compliance

Although this Phase I ESA should not be misconstrued as a formal compliance audit, Cardno did not identify permitting or notification requirements related to site operations during the course of this assessment.

6.16 Additional User-Requested Conditions

Additional user-requested conditions were not included in the scope of work for this assessment.

7 Interviews

The people in the following table were interviewed to obtain information regarding the historical use and operation of the property.

Table 7-1 Interview Summary

Role	Name	Title/Company	Interview Type	Response
Site Contact	Mr. Glen Poy-Wing	Property owner of 240 West MacArthur Boulevard	In Person	Mr. Poy-Wing granted Cardno site access and answered questions during the site reconnaissance. Mr. Poy-Wing purchased the property in 2001 and stated it was previously a tire store and before that a gas station. According to Mr. Poy-Wing, three gasoline and diesel USTs and one used-oil UST were formerly on the property but were removed prior to his purchase. Mr. Poy-Wing stated the property has an open environmental case for a release from the former USTs. According to Mr. Poy-Wing, the property is currently used for auto repair and stores, uses, and disposes of automotive oil, gasoline, anti-freeze, and other auto repair chemicals.
Site Contact	Mr. Xiao Yi Zheng	Property owner of 230 West MacArthur Boulevard	Questionnaire	Mr. Zheng granted Cardno site access and answered questions after the site reconnaissance. Mr. Zheng purchased the property in 2011 and stated it was already a Shell service station. According to Mr. Zheng, three gasoline USTs are located at property. The site had an environmental case for a release of gasoline but the case has been closed.

8 Other Environmental Conditions

8.1 Asbestos-Containing Material

The visual screening of asbestos-containing material (ACM) was not required by the scope of work for the Phase I ESA.

8.2 Lead-Based Paint

The visual screening of lead-based paint (LBP) was not required by the scope of work for the Phase I ESA.

8.3 Mold Screening

The visual screening survey for readily observable mold and conditions conducive to mold on the property was not required by the scope of work for the Phase I ESA.

8.4 Vapor Encroachment

Cardno conducted a limited screening for potential VECs that may affect the property. The VEC screening focused on the current and historical usage of the property and used the aforementioned regulatory database report provided by EDR to evaluate identified chemicals of concern, including petroleum hydrocarbons. The results of the limited screening indicate that the former gasoline service station, current Shell gasoline service station, and current Oakland Auto Works auto repair facility on the property are possible sources of potential VECs for the property.

8.5 Regulatory Compliance

Although this Phase I ESA should not be misconstrued as a formal compliance audit, Cardno did not identify permitting or notification requirements related to site operations during the course of this assessment:

8.6 Additional User-Requested Conditions

Additional user-requested conditions were not included in the scope of work for this assessment.

9 References

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APPENDIX A
TERMINOLOGY

Cardno
Shaping the Future

TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E 1527-13. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions, or additional explanation regarding the meaning of terms.

recognized environmental condition(s) (REC) - the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a *material threat* of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, ground water, or surface water of the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions.

de minimis conditions – are conditions that generally do 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* are not *recognized environmental conditions*.

historical recognized environmental condition(s) (HREC) - environmental condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. The final decision rests with the *environmental professional* and will be influenced by the current impact of the *historical recognized environmental condition* on the *property*. If a past release of any *hazardous substances* or *petroleum products* has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a *historical recognized environmental condition*.

material threat – a physically observable or *obvious* threat which is reasonably likely to lead to a release that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a *hazardous substance* and which shows evidence of damage such that it may cause or contribute to tank integrity failure with a release of contents to the environment.

threat to human health or the environment – a substantial risk of harm to public health or the environment resulting from the presence or likely presence of an existing release, a past release, or a *material threat* of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, ground water, or surface water of the *property*. An example might include a release of a *hazardous substance* in concentrations exceeding applicable governmental agency standards under conditions that could reasonably and foreseeably result in substantial exposure to humans or substantial damage to natural resources. The risk of that exposure or damage would represent a threat to human health or the environment.

generally would not be the subject of an enforcement action – the likelihood that an environmental condition would not be subject to enforcement action if brought to the attention of appropriate governmental agencies. If the circumstances suggest an enforcement action would be less likely than not, then the condition is considered to be generally not the likely the subject of an enforcement action.

APPENDIX B
RESUMES

Cardno
Shaping the Future

David Daniels, PG

Current Position
Project Geologist

Profession
Geologist

Years' Experience
12

Joined Cardno
October 2004

Education
BS, Geology, California State University, Sonoma, 2003

Professional Registrations
Professional Geologist, CA, #8737, 2010

Registered Geologist, AZ, #55542, 2013

Certifications
Qualified Stormwater Developer

Qualified Stormwater Practitioner

Training
OSHA 40-Hour HAZWOPER and Annual Refreshers

24-Hour SWPPP Workshop

Smith System Driving Course

CPR/First Aid

Summary of Experience

Mr. David Daniels has experience performing multiple phases of environmental assessment and remediation in the western U.S. He has experience reviewing and preparing work plans, site assessment reports, risk assessments, and evaluating the results of feasibility testing, as well as supervising groundwater monitoring well installations, permitting, and subcontractor oversight. Previously, he oversaw the groundwater monitoring and sampling for over 60 sites throughout northern California. Before becoming the Groundwater Monitoring Manager, he performed groundwater monitoring and sampling activities at project sites on a routine basis. This included obtaining depth-to-water measurements; groundwater quality parameters, such as temperature, pH, and conductivity; collecting data to evaluate intrinsic bioremediation parameters; treating water; and collecting groundwater samples.

Project Experience

Major Oil and Gas Company, Soil and Groundwater Remediation at Underground Storage Tank (UST) Sites, Multiple Locations, Western U.S. Served as project geologist for approximately 65 UST sites for soil and groundwater remediation in the western U.S. Activities included project planning, agency correspondence, design of feasibility studies, selection of remedial technologies, and evaluation of field and laboratory data.

Major Oil and Gas Company, Soil and Groundwater Remediation at UST Sites, Multiple Locations, Western U.S. Senior Staff Geologist. Served as geologist for multiple UST sites for soil and groundwater remediation in the western U.S. Activities included permitting, installing systems, and sampling soil, groundwater, and soil vapor. Prepared work plans, reports, and risk assessments proposing and documenting the activities.

Major Oil and Gas Company, Former Service Station, Eureka, California. Senior Staff Geologist. Prepared a work plan assessing the risk posed by soil vapor at a former service station. Activities included permitting, as well as installing and sampling six soil vapor sampling wells. Prepared the report documenting the activities and assessing the risk posed by soil vapor at the site. ***Soil Vapor concentrations were determined to not pose an unacceptable risk.*** The site received regulatory closure.

Major Oil and Gas Company, Former Service Station, Willits, California. Senior Staff Geologist. Permitted and installed soil borings, monitoring wells, and soil vapor sampling wells at a former service station. Conducted oversight of subcontractors and the collection of soil, water, and vapor samples. ***The soil vapor concentrations were determined to not pose an unacceptable risk and the soil vapor sampling wells were destroyed.*** The site received regulatory closure.

Major Oil and Gas Company, Former Service Station, San Bruno, California. Staff Geologist. Permitted and installed soil borings, monitoring wells, and soil vapor sampling wells at a former service station. Conducted oversight of subcontractors and the collection of soil, water, and vapor samples. The site received regulatory closure.

Various Clients, Groundwater Sampling and Monitoring, Multiple Sites, Northern California. Groundwater Sampling Manager. Responsible for managing the storm water and groundwater monitoring and sampling program at over 60 sites in northern California. Executes the established Quality Assurance Plan (QAP). Performs storm water and groundwater monitoring and sampling. Monitors groundwater depth and free product thickness. Purges groundwater from wells. Collects groundwater samples. Bails out free product from wells. Temporarily stores liquids in properly labeled drums. Completes chains of custody paperwork for laboratory analysis of groundwater samples. Completes field log sheets to document data collected on site. Collects vapor samples in Tedlar bags and summa canisters. Properly stores and transports samples to state-certified laboratories. Activities involve operation of pH, conductivity, temperature, dissolved oxygen, oxidation reduction potential, and turbidity meters. Sites include former service stations, landfills, bulk petroleum facilities, airports, and public works installations.

Major Oil and Gas Company, Former Service Station, California. Staff Geologist. Analyzed feasibility testing data from slug tests to evaluate aquifer characteristics of the fractured bedrock underlying the site. Installed monitoring wells and collected soil samples to evaluate groundwater flow through the bedrock and through the fill overlying it.

Municipal Client, Public Works Yard, Merced, California. Staff Geologist. Permitted and installed groundwater monitoring wells and soil vapor sampling wells to assess the impacts of a Public Works facility located adjacent to a residential neighborhood.

Major Oil and Gas Company, Former Service Station, San Rafael, California. Staff Geologist. Analyzed data from high vacuum extraction and pumping tests to evaluate aquifer characteristics to determine the effectiveness of remedial alternatives at a former service station now occupied by an office building. ***The site has received regulatory site closure.***

Major Oil and Gas Company, Soil Vapor Assessments, Multiple Locations, California. Staff Geologist. Responsible for performing soil vapor assessments at UST sites from installation through sampling and analysis of data. Activities included preparing work plans, permitting, and installing and sampling of soil vapor sampling wells. Analyzed data to determine future course of action. Results varied from the initiation of remediation to the destruction of the soil vapor sampling wells and pursuing case closure.

Professional History

October 2011 – Current

Project Geologist

Cardno (formerly Environmental Resolutions, Inc.), Petaluma, California

> Plan and implement strategies to progress environmental sites towards closure in a cost-effective manner.
> Evaluate risk to residents and occupants
> Conduct research related to environmental cases.
> Ensure compliance with applicable regulations.
> Correspond with regulatory agencies.

October 2006 – October 2011

Senior Staff Geologist/QM Manager

Cardno ERI (formerly Environmental Resolutions, Inc.), Petaluma, California

- Prepared work plans and site assessment reports for environmental cases.
- Installed soil borings and monitoring wells.
- Conducted oversight of subcontractors.
- Permitted with cities and counties as required.
- Collected groundwater and soil samples.

October 2005 – October 2006

Staff Geologist/QM Manager

Environmental Resolutions, Inc., Petaluma, California

- Oversaw field tasks associated with groundwater monitoring and sampling.
- Trained technicians.
- Scheduled groundwater monitoring and sampling.
- Coordinated with project managers and the laboratory.
- Collected soil samples.
- Conducted research related to environmental cases.

October 2004 – October 2005

Environmental Technician

Environmental Resolutions, Inc., Petaluma, California

- Measured and recorded groundwater quality parameters.
- Recorded depth to groundwater measurements.
- Collected groundwater samples.

James Chappell

Current Position
Program Coordinator/ Manager

Profession
Program Manager

Years' Experience
16

Joined Cardno
July 1997

Education
BS, Environmental Science, California State University, Chico, 1997

Training
OSHA 40-Hour HAZWOPER and Annual Refreshers

DOT Hazardous Materials Transportation Training

RCRA Hazardous Waste Generator Training

Summary of Experience

Mr. James (Jim) Chappell has experience conducting environmental investigations at retail and refining sites. His responsibilities include supervision of a team of engineers, geologists, and field technicians; management of overall program staffing and scheduling; and project management of multiple clients in numerous regulatory jurisdictions. He has experience carrying out each aspect of environmental geologic investigations, from developing programs and sampling plans and acting as a liaison between the client and governmental agencies, to developing feasibility testing and remedial strategies and implementing clean-up activities for soil and groundwater containing petroleum hydrocarbons.

Jim has served as Program Manager for a portfolio of 50 to 350 sites for a major petroleum company for the past 13 years with projects throughout the western United States. Responsibilities include client interface, regulatory advocacy, maintaining compliance, remedial strategy development, and budget development and management. Ongoing program activities include spill and emergency response actions; site assessment; pilot studies; remedial design; remedial action systems operation and maintenance; human health and ecological risk assessments; soil vapor intrusion modeling; indoor air quality monitoring; and managing disposal of waste.

Project Experience

Major Oil and Gas Company, Portfolio of Remediation Projects, Washington, California, Arizona, and New Mexico. Program Manager. Managed a portfolio of approximately 300 remediation projects. To move these sites to closure, Cardno evaluated each site, identified data gaps, and implemented the necessary scope of work in an efficient manner within the regulatory framework, while maintaining an excellent safety culture. The success of this program is based on our experienced staff understanding the expectations from this type of contract.

Major Oil and Gas Company, Former Bulk Plant Site Assessment, Santa Rosa, California. Senior Project Manager. Developed site history, clarified historical parcel boundaries and Responsible Parties, and delineated the extent of residual kerosene- and diesel-range hydrocarbons at a former bulk plant with railroad access. Used direct-push, cone penetration test, hydro-punch, and hollow-stem auger drilling methods to evaluate stratigraphy and install wells. Demonstrated separation from adjacent parcel impacts and lack of impact to nearby Santa Rosa Creek and residences. Performed feasibility studies for groundwater pump and treat, air sparge, and soil vapor extraction. Removed abandoned underground piping and associated impacted soil. Evaluating *in situ* oxidation technologies to remediate remaining dissolved-phase hot spot in the most economical way.

Major Oil and Gas Company, Assessment and Remediation of Leaking UST Site, Healdsburg, California. Senior Project Manager. Oversaw the investigation and remediation of a MTBE groundwater plume approximately 1,600 feet long with 17 impacted groundwater receptors. Activities included providing potable water supply, connecting municipal water supply, agency, client, and third party liaison.

Major Oil and Gas Company, Assessment and Remediation of Leaking UST Site, Napa, California. Senior Project Manager. Managed remediation project with vapor intrusion potential into adjacent apartment complex. Oversaw emergency response to an off-site odor investigation in an adjacent condominium unit. Collected indoor and outdoor air samples in four units. Acted as liaison between owners, clients, regulatory agencies, and independent toxicologist. Attended and presented at community meeting with condominium tenants and owners. Managed the remediation of the project and the adjacent site.

Professional History

October 2010 – Current

Senior Program Manager

Cardno ERI (formerly Environmental Resolutions, Inc.), Petaluma, California

> Manage remediation portfolio of approximately 300 projects, 10 project managers, including registered professionals, eight staff, and eight technicians.
> Provide direct liaison with clients and ensure client satisfaction.
> Perform Master Service Agreement (MSA) pricing, bidding, and contracting.
> Perform technical review of documents.
> Provide guidance and instruction to the project managers and staff.
> Manage cost projections, budgeting, client milestones, and regulatory deadlines.

February 2001 – October 2010

Program Coordinator/Manager

Cardno ERI (formerly Environmental Resolutions, Inc.), Petaluma, California

> Managed an underground storage tank (UST) investigation program with approximately 85 UST sites, four project managers, including registered professionals, eight staff, and eight technicians.
> Provided direct liaison with clients and ensured client satisfaction.
> Performed technical review of documents.
> Provided guidance and instruction to the project managers and staff.
> Managed cost projections, budgeting, client milestones, and regulatory deadlines.

June 2000 – February 2001

Assistant Project Manager

Environmental Resolutions, Inc., Petaluma, California

> Managed approximately 20 UST investigations in various stages of investigation with direct supervision of two staff.
> Prepared risk-based corrective action, closure, and site conceptual model reports.
> Oversaw the installation of remediation systems, including air-sparging/soil vapor extraction, pump and treat, and dual-phase extraction.
> Aggressively pursued and received closure on several investigations that were open for many years.
> Met with clients and regulatory agencies regularly

July 1998 – June 2000

Senior Staff Scientist

Environmental Resolutions, Inc., Petaluma, California

> Observed UST removals and performed sample collection.
> Performed feasibility testing and developed the feasibility test program.

> Instituted dual-phase extraction pilot test program and developed Standard Operating Procedures.

> Performed large-scale (800,000 gallons) groundwater treatment and discharge events.

> Prepared reports for UST removal, soil and groundwater investigations, and feasibility tests.

> Prepared permit applications for encroachment, water discharging, soil and groundwater investigations, well installation, and well destruction.

July 1997 – July 1998

Environmental Technician

Environmental Resolutions, Inc., Petaluma, California

> Performed soil and groundwater sampling, well development, construction, and operation and maintenance of remediation systems.

> Supervised and trained other technicians.

Robert Serrato

Current Position
Assistant Project Manager

Profession
Environmental Scientist

Years' Experience
13

Joined Cardno
November 2007

Education
MA, Public Policy and Administration, California Lutheran University, Thousand Oaks, CA, 2006

BA, Geography, University of California, Santa Barbara, 2003

Training
OSHA 40-Hour HAZWOPER and Annual Refreshers

Loss Prevention System

CPR/First Aid

Summary of Experience

Mr. Robert Serrato has experience in the environmental management field. His experience includes field supervision of subcontractors, scheduling subcontractors and field technicians, permitting with various agencies, management of GeoTracker, management of waste tracking, preparation of health and safety plans, and report preparation. He has worked on various types of projects involving environmental site assessments and soil and groundwater remediation. Types of clients he has provided environmental services for include water districts, independent gas stations, and petroleum companies.

Project Experience

Major Oil and Gas Company, Assessment and Remediation, Leaking UST Sites, Western U.S. Assistant Project Manager. Assistant Project Manager responsible for preparation of site assessment work plans and reports for over 40 ongoing UST cases. Assist in planning site assessment and remediation strategies to progress cases towards closure. Supervise site assessment field activities, including drilling and sampling of soil borings, installation of groundwater monitoring wells, soil vapor probe installation and sampling, excavation of contaminant soil plumes, and removal of USTs.

Major Oil and Gas Company, Assessment and Remediation, Upstream Sites, California. Assistant Project Manager. Responsible for supervising site assessment and remediation activities, including drilling and sampling of soil borings, installation of groundwater monitoring wells, soil vapor probe installation and sampling, excavation of contaminant soil plumes at crude oil production sites, petroleum product pipeline pump stations, and petroleum product tank farms. Assisted in the preparation of work plans and reports for site assessment and remediation activities and closure reports.

Major Oil and Gas Company, Abandoned Oil Refinery Remediation, Cut Bank, Montana. Assistant Project Manager. Responsible for conducting research for and preparing site history summary for Facility History and Data Summary Report for former petroleum refinery and tank farm. Work has included comprehensive site characterization and remediation of site soils, including the removal of over 7,000 tons of hazardous and non-hazardous waste impacted with hydrocarbons and lead. Strong relationships with the Montana Department of Environmental Quality and Blackfeet Nation allowed this project to progress after several years of stalemate. It is now approaching closure.

Major Oil and Gas Company, Assessment and Remediation, Upstream Sites, California, Texas, Oklahoma, Louisiana, and Illinois. Senior Staff Scientist. Responsible for conducting research for and preparing Phase I ESA reports for crude oil production sites, petroleum product pipeline pump stations, petroleum product tank farms, and refineries.

Major Oil and Gas Company, Percolation Pond Closure Environmental and Remediation Services, McKittrick, California. Field Supervisor. Served as field supervisor on percolation pond closure project at a petroleum production facility. A consent decree from the California Regional Water Quality Control Board, Central Valley Region (CRWQCB-CVR) required closure of 17.5 acres of percolation ponds. The

ponds were formerly used for disposal of produced water from oil field operations and subsequently impacted by hydrocarbon sludge, chloride salts, and boron. Cardno managed the pond's closure, including providing agency interface, evaluating naturally occurring radioactive material (NORM) and dynamite, and performing biological surveys for endangered species. Permitting with the U.S. Fish and Wildlife Service and California Department of Fish and Game, bidding and oversight of the subcontractor for excavation, bioremediating and road spreading the hydrocarbon-containing sludge, and demolishing the existing perimeter fencing and various subsurface piping were conducted. Verification sampling, backfill, compaction, and grading of 44,000 cubic yards of embankment soil and irrigation of backfill soil to remove salts were completed.

Professional History

November 2007 – Current

Assistant Project Manager

Cardno (formerly Environmental Resolutions, Inc.), Ventura, California

> Provides field supervision of subcontractors, scheduling subcontractors and field technicians, permitting with various agencies, management of GeoTracker, management of waste tracking, preparation of health and safety plans, and report preparation.

> Works on various types of projects involving environmental site assessments, and soil and groundwater remediation.

April 2004 – November 2007

Project Manager

Holguin, Fahan and Associates, Ventura, California

> Provided field supervision of subcontractors, permitting with various agencies, management of GeoTracker, management of waste tracking, and report preparation.

> Worked on various types of projects involving environmental site assessments, as well as soil and groundwater remediation.

Nadya Vicente

Current Position
Senior Staff Geologist

Discipline Areas
> Geology and Soil
> Environmental Site Assessment and Remediation
> UST Assessments

Years' Experience
6

Joined Cardno
2011

Education
> BS, Geology with Minor in Environmental Sciences, California State University, Sonoma, 2006

Affiliations
> Geological Society of America

Training
> OSHA 40-Hour HAZWOPER and Annual Refreshers
> Smith System Driving Course
> CPR/First Aid
> LPS (Loss Prevention System)

Summary of Experience

Ms. Nadya Vicente specializes in assisting with site assessment and remediation. She has experience in carrying out each aspect of environmental investigations, from preparing complex corrective action plans, site conceptual models, work plans, handling logistics, and acting as a liaison between the client and governmental agencies, to developing and observing clean-up activities for soil and groundwater containing petroleum hydrocarbons, while adhering to clients' safety requirements. In addition, Ms. Vicente collaborates with peers, management, subcontractors, and vendors to coordinate, schedule, and supervise field work activities, including installation and development of soil vapor and groundwater monitoring wells and extraction and remediation wells. She is trained in soil logging in accordance with the Unified Soil Classification System and in the collection of vapor, soil, and groundwater samples for laboratory analysis.

Significant Experience

Field Geologist – Confidential Energy Provider, Excavation and Assessment – Northern California

Observed the removal of soil containing residual mineral oil and polychlorinated biphenyls (PCBs), as requested by the California Department of Toxic Substances Control (DTSC). Responsibilities included soil sampling, preservation, and logging; soil screening using photoionization detector (PID) and lower explosive limit (LEL) meters; coordinating with excavation crews; and ensuring required sampling protocols were followed. Provided health and safety oversight of field staff to assure compliance with a Health and Safety Plan and to reduce potential injuries. Responsible for data compilation and report preparation.

Staff Geologist – Major Oil and Gas Company, Assessment and Remediation – Various Sites, Northern California

Assisted with the preparation of site strategies for remediation and coordinating site investigation. Duties include field work scheduling, delegation, planning, and subcontractor oversight, as well as field logistics, supervising technicians and drilling crews to drill and install multiple types of monitoring and remediation wells based on field results. Experience with various types of city and county permitting, as well as planning and overseeing underground storage tank (UST) related assessments. Achieved multiple case closures, mitigation of regulatory requirements, delineation of adsorbed- and dissolved-phase hydrocarbon constituents beneath the site, and implementation of various corrective actions.

Field Geologist – Major Oil and Gas Company, Assessment and Remediation, Leaking UST Sites – Northern California

Oversaw multiple site assessments, including the installations of monitoring, remediation, and/or soil vapor wells. Directed drill crews in highly technical drilling to meet client requirements. Responsibilities included soil sampling, preservation, and logging; soil screening (PID and LEL); coordinating with drill crews; overseeing the construction of wells; and ensuring required sampling protocols were followed. Provided health and safety oversight, including Health and Safety Plan, of field staff in order to reduce potential injuries. Responsible for data compilation and report preparation.

Staff Geologist – Major Oil and Gas Company, Assessment and Remediation – Various Sites, Northern California

Responsible for preparing complex site assessment reports, work plans, and site conceptual models. Duties included in depth research and data evaluation for assessing site strategies, maintaining client and regulator communications, tracking and anticipating agency deadlines, and organizing daily tasks for the project managers. Achieved multiple case closures, mitigation of regulatory requirements, delineation of adsorbed- and dissolved-phase hydrocarbon constituents beneath the site, and implementation of various corrective actions.

Staff Geologist – Major Oil and Gas Company, Sensitive Receptor Assessment – Various Sites, Northern California

Participated in and completed 27 sensitive receptor surveys for sites in Northern California that included site reconnaissance visits to each site to identify potential sensitive receptors, including, but not limited to, public and private drinking water supply wells, surface waters, and sensitive public use areas within the site vicinity.

Field Geologist – Major Oil and Gas Company, Assessment and Closure – Various Sites, Northern California

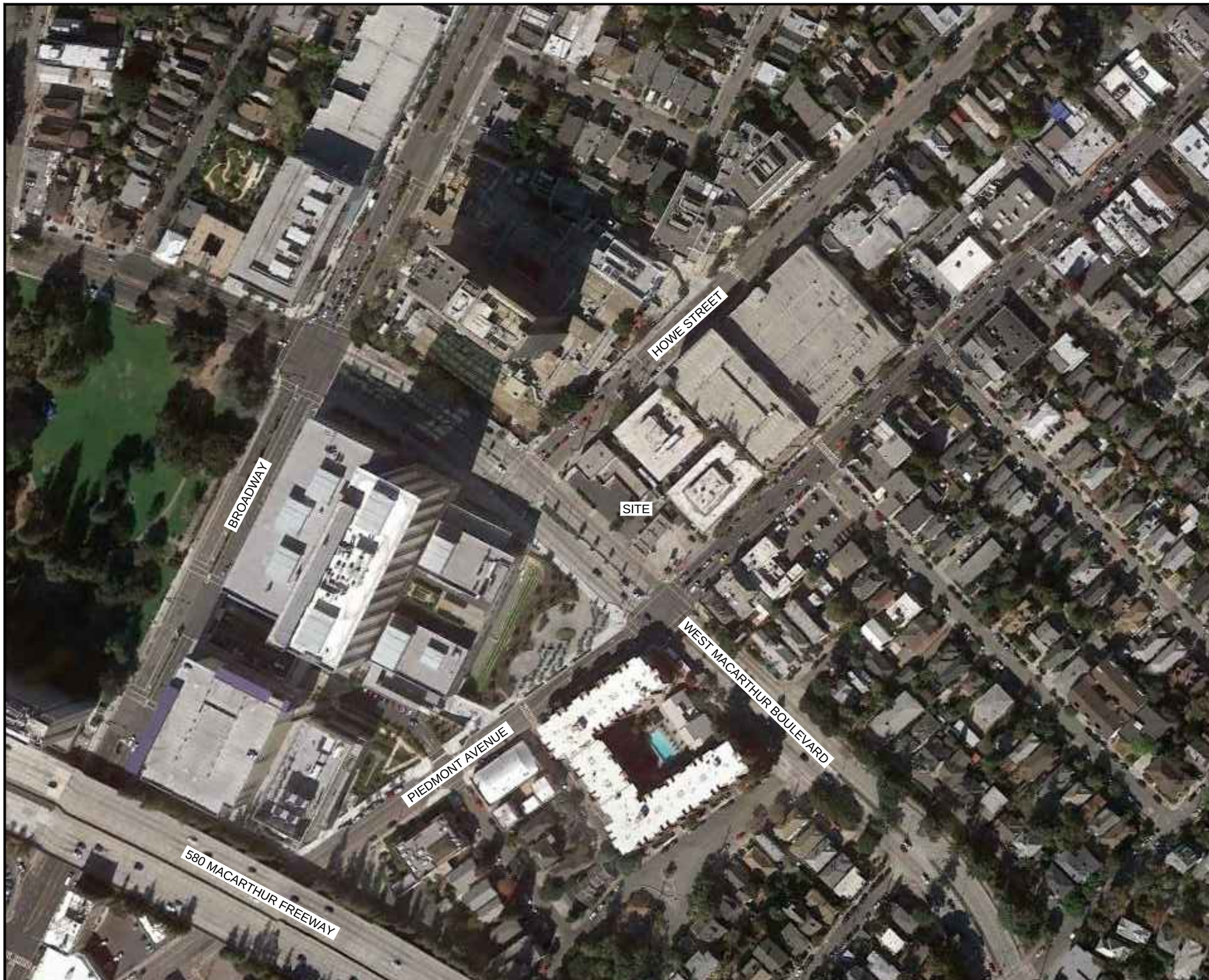
Conducted field work in association with environmental case closure at an active retail gasoline station, including directing and providing oversight for a geophysical survey using ground penetrating radar in order to identify subsurface utilities. Provided interface contact with environmental local oversight agency representatives and city inspectors at the site during work activities. Prepared a report documenting well destruction and remediation system piping abandonment for submittal to the local oversight agency.

Field Geologist – Major Oil and Gas Company, Soil-Vapor Analysis – Various Sites, Northern California

Responsible for performing soil vapor assessments at UST sites from installation through sampling and analysis of data. Activities included preparing work plans, permitting, and installing and sampling of soil vapor sampling wells. Conducted field work in association with soil-vapor intrusion assessments, including indoor sub-slab sample collection and indoor air sampling. Prepared reports documenting well installation, soil gas sampling, and data analysis for submittal to the local oversight agency.

APPENDIX C
SITE VICINITY MAP

Cardno
Shaping the Future



EXPLANATION

APPROXIMATE SCALE

0 140 280 Feet

FN BAYROCK OAKLAND SVM_SP

SITE VICINITY MAP

BAYROCK OAKLAND
230 and 240 West MacArthur Boulevard
Oakland, California

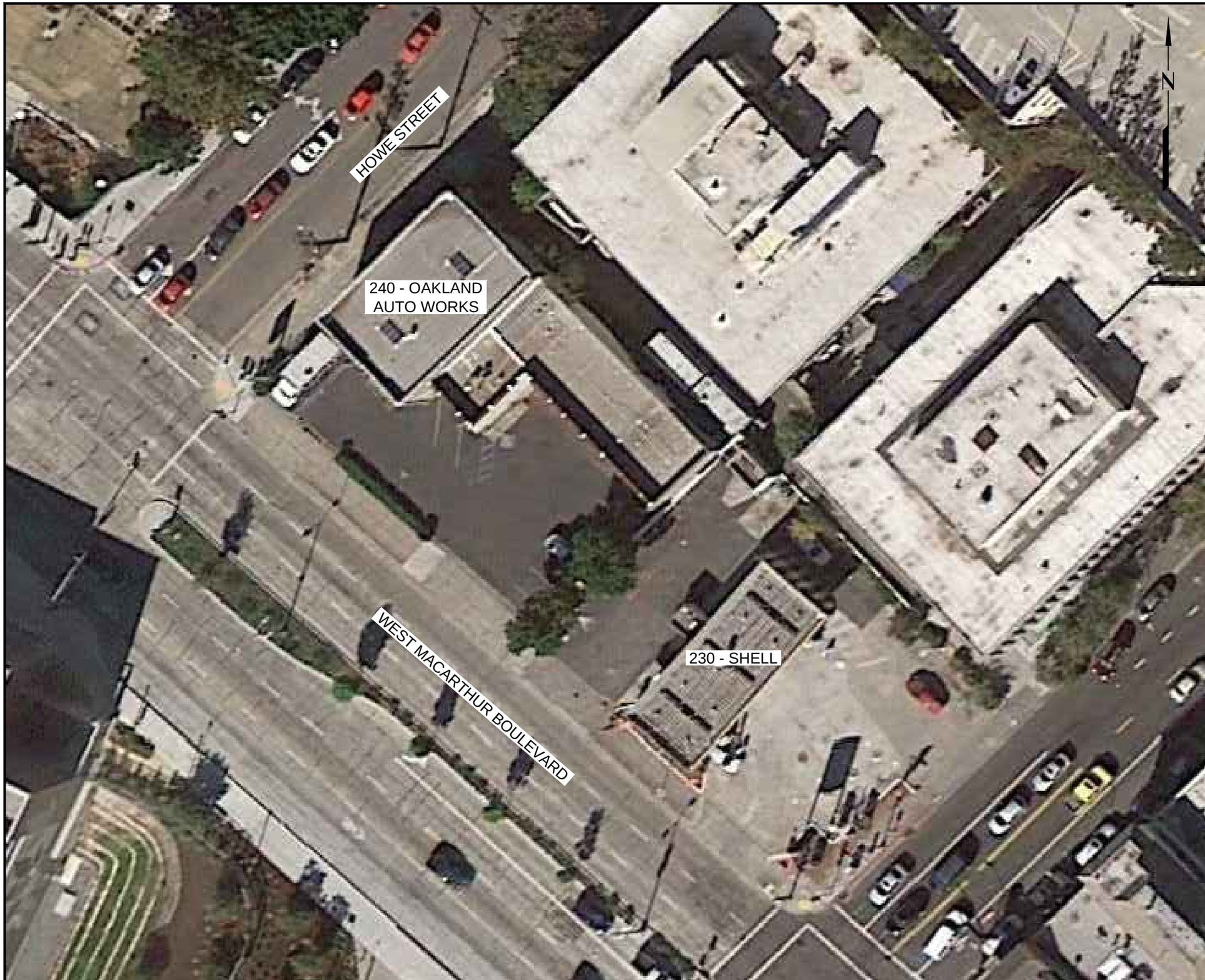
Cardno
Shaping the Future

PROJECT NO.
E317100700

APPENDIX
C

APPENDIX D
SITE PLAN

Cardno
Shaping the Future



EXPLANATION

APPROXIMATE SCALE

0 30 60
Feet

FN BAYROCK OAKLAND GSP_SP

GENERALIZED SITE PLAN

BAYROCK OAKLAND
230 and 240 West MacArthur Boulevard
Oakland, California

Cardno
Shaping the Future

PROJECT NO.
E317100700

APPENDIX
D

APPENDIX E
SITE PHOTOGRAPHS

Cardno
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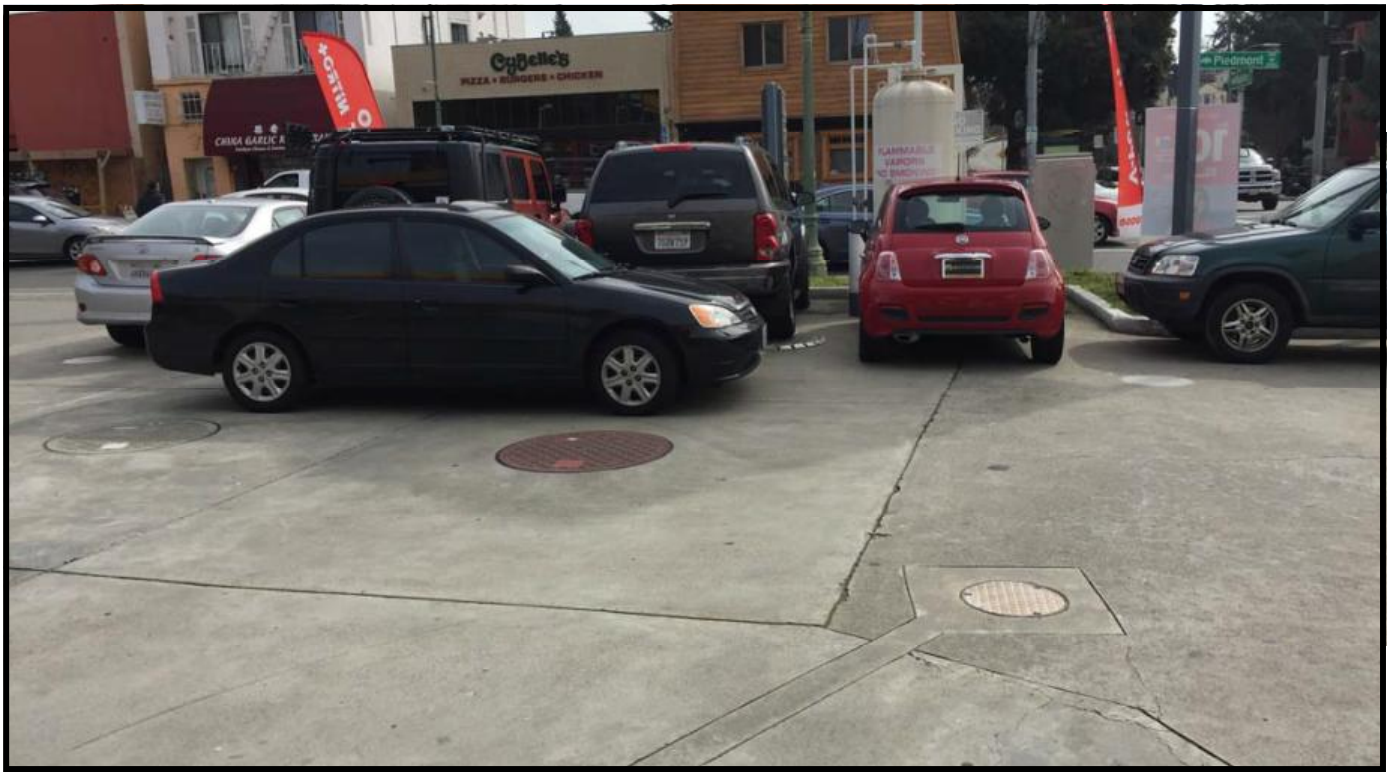


Current USTs at 230 West MacArthur Boulevard

Current USTs at 230 West MacArthur Boulevard

Cardno Shaping the Future	**Photographs** BAYROCK OAKLAND 230 and 240 West MacArthur Boulevard Oakland, California	Appendix E Page 1

Parking lot and fuel dispensers at 230 West MacArthur Boulevard

Storage building and garbage dumpster at 230 West MacArthur Boulevard

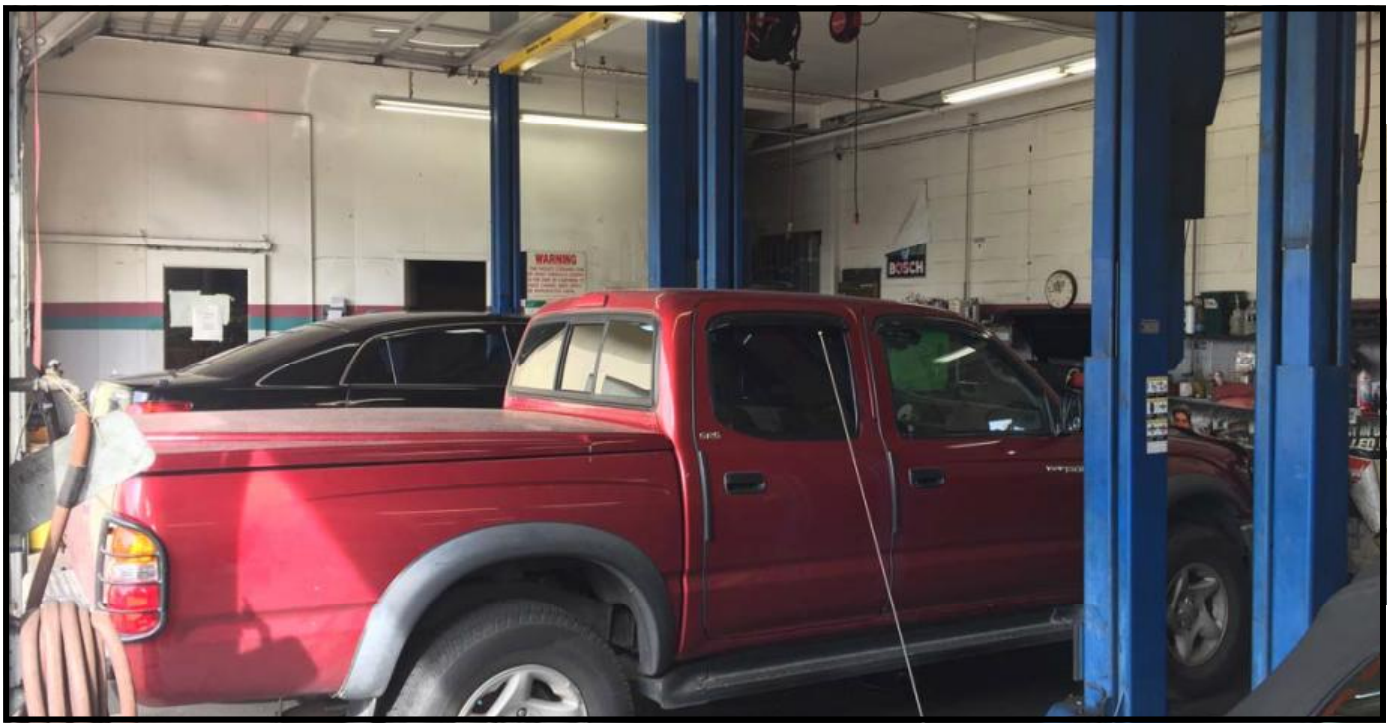
Station kiosk at 230 West MacArthur Boulevard

Fuel dispensers at 230 West MacArthur Boulevard

Auto repair building at 240 West MacArthur Boulevard

Auto repair building service bays at 240 West MacArthur Boulevard

Auto repair building service bays at 240 West MacArthur Boulevard



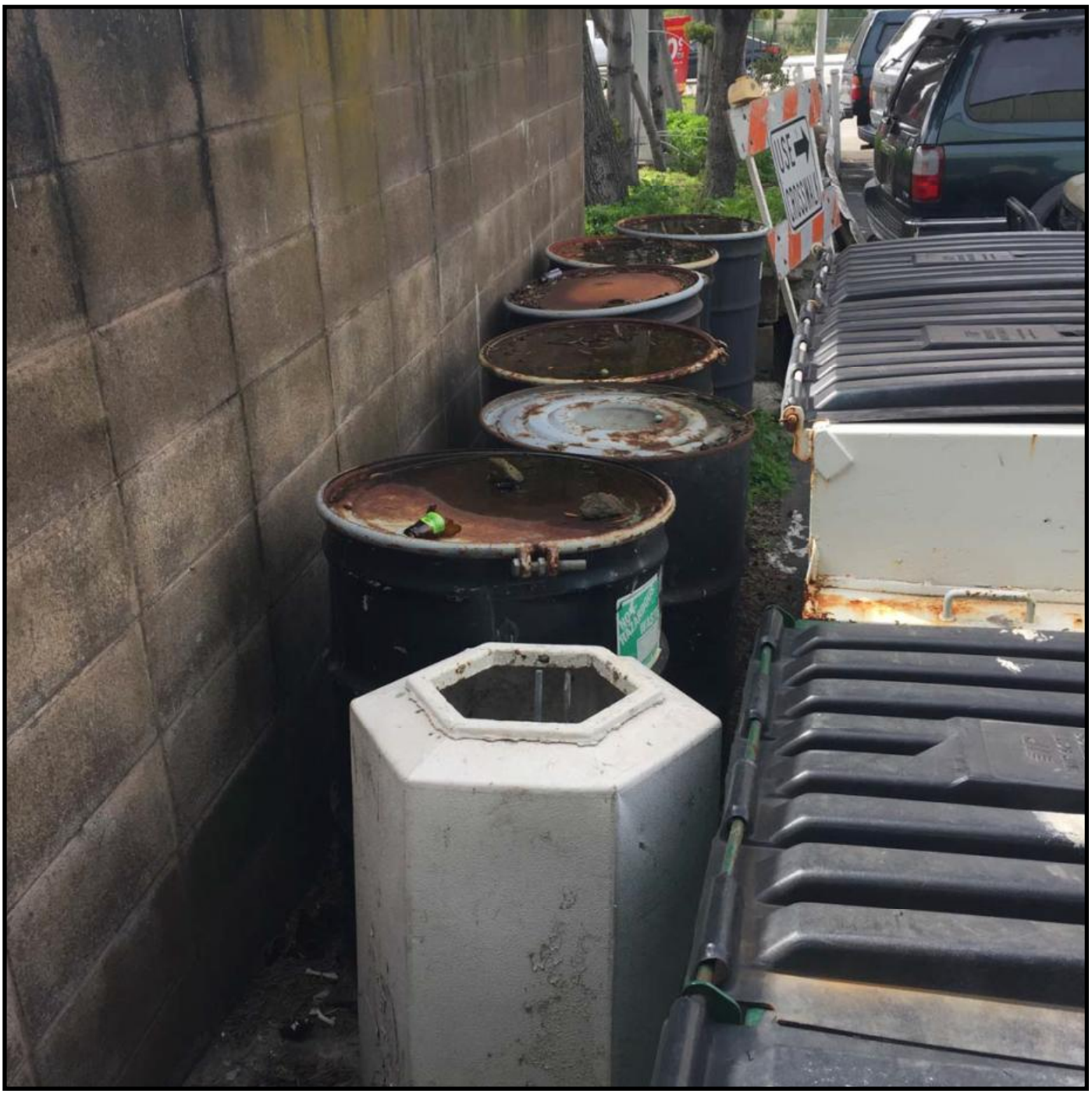
Aboveground lift in service bay at 240 West MacArthur Boulevard

Drain and puddled water in service bay at 240 West MacArthur Boulevard

Chemical storage area in service bays at 240 West MacArthur Boulevard

Haz-waste storage area in service bays at 240 West MacArthur Boulevard

Haz-waste storage area in service bays at 240 West MacArthur Boulevard



Garbage dumpsters and non-haz drums at 240 West MacArthur Boulevard

Unlabeled 55-gallon drums at 240 West MacArthur Boulevard

APPENDIX F
REGULATORY DATABASE REPORT

Cardno
Shaping the Future

Bayrock PHG Piedmont, LLC
230 Macarthur Blvd
Oakland, CA 94611

Inquiry Number: 4850526.2s
February 10, 2017

The EDR Radius Map™ Report with GeoCheck®

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

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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

230 MACARTHUR BLVD
OAKLAND, CA 94611

COORDINATES

Latitude (North):	37.8237170 - 37˚ 49' 25.38''
Longitude (West):	122.2567520 - 122˚ 15' 24.30''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	565413.2
UTM Y (Meters):	4186311.2
Elevation:	78 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641112 OAKLAND WEST, CA
Version Date:	2012
East Map:	5641110 OAKLAND EAST, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140608
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
230 MACARTHUR BLVD
OAKLAND, CA 94611

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	DRUHE E W	230 W MACARTHUR BL	EDR Hist Auto		TP
A2	SERVICE STATION - SA	230 W MACARTHUR	FINDS, ECHO		TP
A3	SHELL #13-5676	230 MACARTHUR	LUST, HIST CORTESE		TP
A4	BHUSHAN BANSAL	230 W MACARTHUR BLVD	HIST UST		TP
A5	SHELL	230 MACARTHUR BLVD W	LUST		TP
A6	MACARTHUR SHELL	230 W MACARTHUR BLVD	UST		TP
A7	SERVICE STATION - SA	230 W MACARTHUR	RCRA-LQG, Alameda County CS		TP
A8	SHELL	230 W MAC ARTHUR BLV	HAZNET		TP
A9	SHELL OIL PRODUCTS S	230 W MACARTHUR	HAZNET		TP
A10	SHELL #13-5676	230 MACARTHUR	RGA LUST		TP
A11	MCARTHUR SHELL	230 W MACARTHUR BLVD	SWEEPS UST, CA FID UST		TP
A12	SHELL	230 MACARTHUR BLVD W	RGA LUST		TP
A13	DODSON LTD	240 W MACARTHUR BLVD	Alameda County CS	Higher	1 ft.
A14		240 W MACARTHUR BLVD	EDR Hist Auto	Higher	1 ft.
A15	MORRISON R E	250 W MACARTHUR BL	EDR Hist Auto	Higher	45, 0.009, WNW
A16	NAISMITH DENTAL GRP	235 W MAC ARTHUR BLV	RCRA-SQG, FINDS, HAZNET, ECHO	Lower	97, 0.018, WSW
A17	KAISER FOUNDATION HO	3600 BROADWAY	RCRA-LQG, FINDS	Lower	131, 0.025, West
B18	MOSS CLEANING & DYE	3640 PIEDMONT AVE	EDR Hist Cleaner	Lower	196, 0.037, South
B19	KREPPER V E	3600 PIEDMONT AVE	EDR Hist Cleaner	Lower	234, 0.044, SSW
B20	VIRGINIA CLEANERS	3607 PIEDMONT AVE	EDR Hist Cleaner	Lower	267, 0.051, SSW
C21	FABIOLA MEDICAL OFFI	3801 HOWE ST	UST	Higher	273, 0.052, NNE
B22	FULLER OBRIEN PAINTS	3556 PIEDMONT AVE	RCRA-SQG, FINDS, ECHO	Lower	284, 0.054, SSW
C23	KAISER FOUNDATION HO	280 W MACARTHUR BLVD	RCRA-LQG, SLIC, Alameda County CS, SWEEPS UST,...	Higher	300, 0.057, NNW
C24	KAISER PERMANENTE ME	280 W MACARTHUR BLVD	UST	Higher	300, 0.057, NNW
C25	KAISER HOSPITAL	280 WEST MACARTHUR B	HIST UST, HAZNET	Higher	300, 0.057, NNW
B26	DILLMAN BRUCE	3512 PIEDMONT AVE	EDR Hist Auto	Lower	330, 0.062, SSW
D27	NEW STAR LAUNDRY	3818 PIEDMONT AVE	EDR Hist Cleaner	Higher	365, 0.069, ENE
D28		3824 PIEDMONT AVE	EDR Hist Cleaner	Higher	399, 0.076, ENE
B29	FIELD & LUND	3506 PIEDMONT AVE	EDR Hist Auto	Lower	427, 0.081, SSW
E30	PERRYMAN F H	3666 BROADWAY ST	EDR Hist Auto	Lower	448, 0.085, West
E31	SEVALS & HEDLUND	3656 BROADWAY ST	EDR Hist Auto	Lower	459, 0.087, West
D32	JONES W H	11 RIO VISTA AVE	EDR Hist Auto	Higher	476, 0.090, ENE
F33	KAISER FOUNDATION HO	3459 PIEDMONT AVE	UST	Lower	476, 0.090, SW
F34	KAISER FOUNDATION HO	3459 PIEDMONT AVE	AST	Lower	476, 0.090, SW
D35	BETMON LOUIS	3857 PIEDMONT AVE	EDR Hist Cleaner	Higher	477, 0.090, ENE
D36		3839 PIEDMONT AVE	EDR Hist Cleaner	Higher	494, 0.094, NE
E37	91026	3701 BROADWAY	LUST, Alameda County CS, HIST UST	Higher	513, 0.097, WNW
E38	CHEVRON	3701 BROADWAY	LUST, SWEEPS UST	Higher	513, 0.097, WNW
E39	91026	3701 BROADWAY	CA FID UST	Higher	513, 0.097, WNW

MAPPED SITES SUMMARY

Target Property Address:
230 MACARTHUR BLVD
OAKLAND, CA 94611

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	CHEVRON	3701 BROADWAY	HIST CORTESE	Higher	513, 0.097, WNW
G41	KAISER HOSPITAL	UNKNOWN 38TH & BROAD	SLIC	Higher	519, 0.098, NNW
G42	LAWRENCE-RAND MOTOR	3737 BROADWAY ST	EDR Hist Auto	Higher	559, 0.106, NW
G43	HONDA OF OAKLAND	3741 BROADWAY	RCRA-SQG, LUST, Alameda County CS, FINDS, EMI,...	Higher	563, 0.107, NW
G44	CONTRA COSTA LAUNDRY	3741 BROADWAY ST	EDR Hist Cleaner	Higher	563, 0.107, NW
G45	SIMPSON A C	3753 BROADWAY ST	EDR Hist Auto	Higher	580, 0.110, NW
D46	BETMON FELICIE	3861 PIEDMONT AVE	EDR Hist Cleaner	Higher	588, 0.111, NE
D47	SUNSET LAUNDRY	3864 PIEDMONT AVE	EDR Hist Cleaner	Higher	607, 0.115, ENE
48		3524 BROADWAY	EDR Hist Cleaner	Lower	617, 0.117, WSW
H49		3871 PIEDMONT AVE	EDR Hist Cleaner	Higher	618, 0.117, NE
G50	COOK T H	3781 BROADWAY ST	EDR Hist Auto	Higher	627, 0.119, NNW
G51	COOK THEO H	3781 BROADWAY PL	EDR Hist Auto	Higher	627, 0.119, NNW
H52		3875 PIEDMONT AVE	EDR Hist Cleaner	Higher	629, 0.119, NE
H53	WARREN R M	3883 PIEDMONT AVE	EDR Hist Cleaner	Higher	655, 0.124, NE
G54		3785 BROADWAY	EDR Hist Auto	Higher	659, 0.125, NNW
G55	FIRESTONE #3658	3785 N BROADWAY	SWEEPS UST, HIST UST, CA FID UST	Higher	659, 0.125, NNW
G56	FIRESTONE #3658	3785 BROADWAY	LUST, Alameda County CS, HIST UST, HIST CORTESE	Higher	659, 0.125, NNW
F57	KAISER FOUNDATION HE	3451 PIEDMONT	LUST, Alameda County CS, HIST CORTESE	Lower	662, 0.125, SW
I58	EXPRESS AUTO CLINIC	3810 BROADWAY	RCRA-SQG, LUST, Alameda County CS, FINDS, HAZNET,...	Higher	723, 0.137, North
I59	QUICK FOOD & GAS	3810 BROADWAY	UST	Higher	723, 0.137, North
I60	ZZBROADWAY VALERO	3810 BROADWAY	UST	Higher	723, 0.137, North
H61	CHEVRON #9-0517 / HO	3900 PIEDMONT AVENUE	LUST, Alameda County CS, HIST CORTESE	Higher	800, 0.152, ENE
62	ARCO	71 MACARTHUR	HIST CORTESE	Higher	844, 0.160, SSE
I63	EARL THOMPSON PROPER	316 38TH STREET	LUST, Alameda County CS, HIST CORTESE	Higher	926, 0.175, NNW
I64	PROFESSIONAL INDUSTR	3815 BROADWAY	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Higher	934, 0.177, NNW
J65	MOSSWOOD PARK BUILDI	3505 BROADWAY	LUST, SWEEPS UST, CA FID UST, HIST CORTESE	Lower	979, 0.185, WSW
J66	MOSSWOOD	3505 BROADWAY	UST	Lower	979, 0.185, WSW
J67	KAISER FOUNDATION MO	3505 BROADWAY	LUST, Alameda County CS, HIST UST	Lower	979, 0.185, WSW
68	GLOVATORIUM	3820 MANILA AVENUE	LUST, SLIC, Alameda County CS, DRYCLEANERS	Higher	1077, 0.204, NNW
69	GLIDDEN COMPANY	3356 PIEDMONT AVE	RCRA-SQG, FINDS, ECHO	Lower	1237, 0.234, SW
K70	UNOCAL SS #0746	3943 BROADWAY	UST	Higher	1237, 0.234, North
K71	UNION OIL SS#0746	3943 BROADWAY	HIST UST	Higher	1237, 0.234, North
K72	UNOCAL SERVICE STATI	3943 BROADWAY	LUST, SWEEPS UST, Notify 65	Higher	1237, 0.234, North
K73	UNION OIL SS 0746	3943 BROADWAY	LUST, Alameda County CS, HIST UST, HIST CORTESE	Higher	1237, 0.234, North
L74	A & P SERVICE CENTER	398 W MACARTHUR BLVD	UST	Lower	1313, 0.249, WNW
L75	MOBIL SERVICE STATIO	398 W MAC ARTHUR BLV	SWEEPS UST, CA FID UST	Lower	1313, 0.249, WNW
L76	MOBIL SERVICE STATIO	398 W MACARTHUR BLVD	HIST UST	Lower	1313, 0.249, WNW
L77	A & P SERVICE CENTER	398 W MACARTHUR BLVD	UST	Lower	1313, 0.249, WNW
L78	A&P SERVICE CENTER	398 W MAC ARTHUR BLV	HIST UST, HAZNET	Lower	1313, 0.249, WNW

MAPPED SITES SUMMARY

Target Property Address:
230 MACARTHUR BLVD
OAKLAND, CA 94611

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
M79	UNOCAL #1871	66 MACARTHUR BLVD.	LUST	Higher	1336, 0.253, SSE
80	DELLUCHI	14 GLEN AVE	LUST, Alameda County CS, HIST CORTESE	Higher	1384, 0.262, ENE
N81	VAL STROUGH CHEVROLE	327 34TH ST	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Lower	1394, 0.264, WSW
L82	UNION OIL SS #3538	411 W MACARTHUR BLVD	Alameda County CS, HIST UST	Lower	1433, 0.271, WNW
L83	411 MACARTHUR REDEVE	411 MACARTHUR BLVD	LUST, Alameda County CS, HIST CORTESE	Lower	1433, 0.271, WNW
L84	UNOCAL SERVICE STATI	411 WEST MAC ARTHUR	Notify 65	Lower	1433, 0.271, WNW
L85	MOSSWOOD UNION	411 WEST MACARTHUR	LUST, Notify 65	Lower	1433, 0.271, WNW
L86	411 MACARTHUR REDEVE	411 WEST MACARTHUR B	SLIC, HIST UST, HAZNET	Lower	1433, 0.271, WNW
87	CVS PHARMACY # 9130	175 41ST ST	LUST, Alameda County CS, HAZNET, HIST CORTESE	Higher	1449, 0.274, NE
O88	ACCUTUNE	4045 BROADWAY	LUST, HIST CORTESE	Higher	1552, 0.294, North
O89	ACCUTUNE	4045 BROADWAY	LUST, Alameda County CS	Higher	1552, 0.294, North
M90	UNOCAL	96 MACARTHUR BLVD	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Higher	1567, 0.297, SSE
P91	DORNTGE PROPERTY	410 FAIRMOUNT	SLIC, HAZNET	Higher	1573, 0.298, South
P92	DORNTGE PROPERTY	410 FAIRMOUNT AVE	Alameda County CS	Higher	1573, 0.298, South
N93	BROADWAY MEDICAL PLA	3300 WEBSTER ST	LUST, Alameda County CS, HIST CORTESE	Lower	1633, 0.309, WSW
O94	FIVE C GROUP	4101 BROADWAY	LUST, Alameda County CS, HIST CORTESE	Higher	1635, 0.310, North
95	BP OIL CO FACILITY N	100 MACARTHUR BLVD	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Higher	1677, 0.318, SSE
96	7-ELEVEN FOOD STORE	4100 BROADWAY	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Higher	1709, 0.324, North
Q97	ROY ANDERSON PAINTS	3080 BROADWAY	LUST, Alameda County CS, SWEEPS UST, HIST CORTESE	Lower	1715, 0.325, SW
Q98	BAY AREA RENTALS	3074 BROADWAY	LUST, Alameda County CS, HIST CORTESE	Lower	1783, 0.338, SW
99	CONNELL OLDS	3093 BROADWAY	RCRA-SQG, LUST, Alameda County CS, SWEEPS UST,...	Lower	1829, 0.346, SW
R100	CARDIO PULMANARY BUI	365 HAWTHRONE STREET	Notify 65	Higher	2097, 0.397, WSW
S101	DOWNTOWN AUTO CTR	4145 BROADWAY	RCRA-SQG, LUST, Alameda County CS, AST, SWEEPS...	Higher	2099, 0.398, North
102	CITY OF OAKLAND FIRE	172 SANTA CLARA AVE	LUST, Alameda County CS, EMI, HIST CORTESE	Higher	2116, 0.401, SE
T103	YOUNG'S FOOD & LIQUO	4193 PIEDMONT	HIST CORTESE	Higher	2126, 0.403, NE
R104	MERRITT HOSPITAL CAR	365 HAWTHORNE	LUST, Alameda County CS, HIST CORTESE	Higher	2132, 0.404, WSW
S105	DOWNTOWN AUTO CENTER	4171 BROADWAY	LUST, Alameda County CS, HIST UST	Higher	2255, 0.427, North
U106	FACILITY 13522-1	494 36TH	HIST CORTESE	Lower	2260, 0.428, West
T107	4212-4220 PIEDMONT A	4212-4220 PIEDMONT A	ENVIROSTOR, VCP	Higher	2308, 0.437, NE
108	POY-WING PROPERTY	240 MACARTHUR BLVD W	LUST, HIST CORTESE	Higher	2355, 0.446, SSE
V109	ROBERT & RUTH BURROW	260 30TH ST	LUST	Lower	2403, 0.455, SW
V110	DOWNTOWN AUTO BODY &	260 30TH ST	RCRA-SQG, LUST, Alameda County CS, FINDS, HAZNET,...	Lower	2403, 0.455, SW
111	ULIBARRI PROPERTY	387 ORANGE ST	Alameda County CS	Higher	2423, 0.459, South
W112	VIDEO CITY	4266 BROADWAY	LUST	Higher	2435, 0.461, NNE
W113	VIDEO CITY	4266 BROADWAY	LUST, Alameda County CS, HIST CORTESE	Higher	2435, 0.461, NNE
V114	HAGSTROM PROPERTY	265 30TH	LUST, Alameda County CS, HIST CORTESE	Lower	2455, 0.465, SW
U115	CALIFORNIA HIGHWAY P	3601 TELEGRAPH AVE	LUST, Alameda County CS, HIST UST, HIST CORTESE	Lower	2484, 0.470, West
V116	EUROPEAN MOTORS	2915 BROADWAY	RCRA-SQG, LUST, Alameda County CS, SWEEPS UST,...	Lower	2557, 0.484, SW
V117	EUROPEAN MOTORS LIMI	2915 BROADWAY	LUST, HIST CORTESE	Lower	2557, 0.484, SW

MAPPED SITES SUMMARY

Target Property Address:
230 MACARTHUR BLVD
OAKLAND, CA 94611

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
X118	SUMMIT MEDICAL CENTE	3414 3420 TELEGRAPH	HIST CORTESE	Lower	2580, 0.489, West
X119	SUMMIT MEDICAL CENTE	3420 TELEGRAPH AVE	LUST, Alameda County CS, SWEEPS UST, EMI	Lower	2580, 0.489, West
120	PARK SCHOOL	368 42ND	LUST, Alameda County CS, SWEEPS UST, HIST CORTESE	Higher	2632, 0.498, North
121	SHELL STATION	500 40TH STREET	Notify 65	Higher	3009, 0.570, NW
122	BROADWAY VOLKSWAGON	2749 BROADWAY	Notify 65	Lower	3388, 0.642, SW
123	LUCKY'S AUTO BODY	3860/3884 MARTIN LUT	ENVIROSTOR	Lower	3729, 0.706, WNW
124	TAYMUREE FOREIGN AUT	3509 GRAND AVE	RCRA-SQG, FINDS, Notify 65, ECHO	Lower	4364, 0.827, SE
125	MEHDIZADEH PROPERTY	5175 BROADWAY	LUST, Alameda County CS, Notify 65	Higher	4404, 0.834, NNE
Y126	HARRIS DRY CLEANERS	2801 MARTIN LUTHER K	SEMS-ARCHIVE, HIST Cal-Sites, Cortese	Lower	4622, 0.875, WSW
Y127	HARRIS DRY CLEANERS	2801 MARTIN LUTHER K	RESPONSE, ENVIROSTOR, LIENS, HAZNET	Lower	4622, 0.875, WSW
128	NEGHERBON	2345, 2333 BROADWAY	ENVIROSTOR, VCP, DEED	Lower	4661, 0.883, SW
129	OAKLAND LAUNDRY COMP	730 29TH STREET	ENVIROSTOR, LUST, Alameda County CS, HIST CORTESE	Lower	4752, 0.900, WSW
130	LAWLER APARTMENTS	431 LEE STREET	Notify 65	Lower	4762, 0.902, South
131	CROWLEY MARITIME COR	PAC. DRY DOCK YARDS	Notify 65	Lower	4829, 0.915, SSW
132	MOSTLY MUSTANGS	2576 MARTIN LUTHER K	LUST, Alameda County CS, HIST CORTESE, Notify 65	Lower	5025, 0.952, WSW
133	CAL-TECH METAL FINIS	841 31ST STREET	SEMS, RCRA-LQG, ENVIROSTOR, PRP, ICIS, FINDS, EMI,...	Lower	5112, 0.968, West
134	UNOCAL #1028 / CONOC	5300 BROADWAY	LUST, Alameda County CS, Notify 65	Higher	5213, 0.987, NNE

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
DRUHE E W 230 W MACARTHUR BL OAKLAND, CA	EDR Hist Auto Database: EDR Hist Auto, Date of Government Version: 02/20/2007	N/A
SERVICE STATION - SA 230 W MACARTHUR OAKLAND, CA 94611	FINDS Registry ID:: 110042268989 ECHO	N/A
SHELL #13-5676 230 MACARTHUR OAKLAND, CA 94611	LUST Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0600101240 Status: Completed - Case Closed HIST CORTESE Reg Id: 01-1345	N/A
BHUSHAN BANSAL 230 W MACARTHUR BLVD OAKLAND, CA 94611	HIST UST Facility Id: 00000057095	N/A
SHELL 230 MACARTHUR BLVD W OAKLAND, CA 94611	LUST Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-1345 Facility Status: Preliminary site assessment underway	N/A
MACARTHUR SHELL 230 W MACARTHUR BLVD OAKLAND, CA 94611	UST Database: UST, Date of Government Version: 09/12/2016 Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016 Facility Id: FA0321501 Facility Id: 181 Facility Status: 01	N/A
SERVICE STATION - SA 230 W MACARTHUR OAKLAND, CA 77253	RCRA-LQG EPA ID:: CAR000190330 Alameda County CS Record Id: RO0000303 Status: Leak Confirmation Status: Preliminary Site Assessment Underway	CAR000190330

	Status: Pollution Characterization Status: Case Closed	
SHELL 230 W MAC ARTHUR BLV OAKLAND, CA 94611	HAZNET GEPAID: CAD981685100	N/A
SHELL OIL PRODUCTS S 230 W MACARTHUR OAKLAND, CA 94611	HAZNET GEPAID: CAR000190330	N/A
SHELL #13-5676 230 MACARTHUR OAKLAND, CA	RGA LUST	N/A
MCARTHUR SHELL 230 W MACARTHUR BLVD OAKLAND, CA 94611	SWEEPS UST Status: A Tank Status: A Comp Number: 57095 CA FID UST Facility Id: 01001457 Status: A	N/A
SHELL 230 MACARTHUR BLVD W OAKLAND, CA	RGA LUST	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

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

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

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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 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

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler 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
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

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data

EXECUTIVE SUMMARY

COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
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
UIC	UIC Listing
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
FUELS PROGRAM	EPA Fuels Program Registered Listing
ABANDONED MINES	Abandoned Mines

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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

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 09/12/2016 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO	*280 W MACARTHUR BLVD*	*NNW 0 - 1/8 (0.057 mi.)*	*C23*	*38*

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO	*3600 BROADWAY*	*W 0 - 1/8 (0.025 mi.)*	*A17*	*29*

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 09/12/2016 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HONDA OF OAKLAND	*3741 BROADWAY*	*NW 0 - 1/8 (0.107 mi.)*	*G43*	*74*
EXPRESS AUTO CLINIC	*3810 BROADWAY*	*N 1/8 - 1/4 (0.137 mi.)*	*I58*	*92*
PROFESSIONAL INDUSTR	*3815 BROADWAY*	*NNW 1/8 - 1/4 (0.177 mi.)*	*I64*	*110*

Lower Elevation	Address	Direction / Distance	Map ID	Page
NAISMITH DENTAL GRP	*235 W MAC ARTHUR BLV*	*WSW 0 - 1/8 (0.018 mi.)*	*A16*	*26*
FULLER OBRIEN PAINTS	*3556 PIEDMONT AVE*	*SSW 0 - 1/8 (0.054 mi.)*	*B22*	*36*
GLIDDEN COMPANY	*3356 PIEDMONT AVE*	*SW 1/8 - 1/4 (0.234 mi.)*	*69*	*137*

State- and tribal - equivalent NPL

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HARRIS DRY CLEANERS	*2801 MARTIN LUTHER K*	*WSW 1/2 - 1 (0.875 mi.)*	*Y127*	*305*

Database: RESPONSE, Date of Government Version: 10/31/2016

Status: Active
Facility Id: 1720109

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 identifes 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 10/31/2016 has revealed that there are 6 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
4212-4220 PIEDMONT A Facility Id: 60001212 Status: Inactive - Action Required	***4212-4220 PIEDMONT A***	***NE 1/4 - 1/2 (0.437 mi.)***	***T107***	***252***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LUCKY'S AUTO BODY Facility Id: 1990026 Status: Refer: Other Agency	3860/3884 MARTIN LUT	WNW 1/2 - 1 (0.706 mi.)	123	289
HARRIS DRY CLEANERS Facility Id: 1720109 Status: Active	***2801 MARTIN LUTHER K***	***WSW 1/2 - 1 (0.875 mi.)***	***Y127***	***305***
NEGHERBON Facility Id: 60001834 Status: Certified / Operation & Maintenance	***2345, 2333 BROADWAY***	***SW 1/2 - 1 (0.883 mi.)***	***128***	***309***
OAKLAND LAUNDRY COMP Facility Id: 1720100 Status: No Further Action	***730 29TH STREET***	***WSW 1/2 - 1 (0.900 mi.)***	***129***	***325***
CAL-TECH METAL FINIS Facility Id: 71002363 Status: Refer: Other Agency	***841 31ST STREET***	***W 1/2 - 1 (0.968 mi.)***	***133***	***330***

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 45 LUST sites within

approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
91026	***3701 BROADWAY***	***WNW 0 - 1/8 (0.097 mi.)***	***E37***	***66***
Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0600100334 Status: Completed - Case Closed				
CHEVRON	***3701 BROADWAY***	***WNW 0 - 1/8 (0.097 mi.)***	***E38***	***72***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-0363 Facility Status: Pollution Characterization				
HONDA OF OAKLAND	***3741 BROADWAY***	***NW 0 - 1/8 (0.107 mi.)***	***G43***	***74***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0600101504 Status: Completed - Case Closed Facility Id: 01-1629 Facility Status: Preliminary site assessment underway				
FIRESTONE #3658	***3785 BROADWAY***	***NNW 0 - 1/8 (0.125 mi.)***	***G56***	***89***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0600100588 date9: 2/22/1994 Status: Completed - Case Closed Facility Id: 01-0638 Facility Status: Case Closed				
EXPRESS AUTO CLINIC	***3810 BROADWAY***	***N 1/8 - 1/4 (0.137 mi.)***	***I58***	***92***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0600101108 Status: Completed - Case Closed Facility Id: 01-1205 Facility Status: Preliminary site assessment underway				
CHEVRON #9-0517 / HO	***3900 PIEDMONT AVENUE***	***ENE 1/8 - 1/4 (0.152 mi.)***	***H61***	***101***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0600102248 Status: Open - Site Assessment Facility Id: 01-2440 Facility Status: Preliminary site assessment workplan submitted				
EARL THOMPSON PROPER	***316 38TH STREET***	***NNW 1/8 - 1/4 (0.175 mi.)***	***I63***	***105***
Database: LUST, Date of Government Version: 12/12/2016 Global Id: T10000000885 Status: Open - Site Assessment				
PROFESSIONAL INDUSTR	***3815 BROADWAY***	***NNW 1/8 - 1/4 (0.177 mi.)***	***I64***	***110***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-2279 Facility Status: Preliminary site assessment underway				
GLOVATORIUM	***3820 MANILA AVENUE***	***NNW 1/8 - 1/4 (0.204 mi.)***	***68***	***129***
Database: LUST, Date of Government Version: 12/12/2016 Global Id: T0600102095 Status: Open - Assessment & Interim Remedial Action				
UNOCAL SERVICE STATI	***3943 BROADWAY***	***N 1/8 - 1/4 (0.234 mi.)***	***K72***	***140***
Database: LUST REG 2, Date of Government Version: 09/30/2004				

Facility Id: 01-1596
Facility Status: Pollution Characterization

UNION OIL SS 0746 ***3943 BROADWAY*** ***N 1/8 - 1/4 (0.234 mi.)*** ***K73*** ***142***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600101471
Status: Open - Assessment & Interim Remedial Action

UNOCAL #1871 66 MACARTHUR BLVD. SSE 1/4 - 1/2 (0.253 mi.) M79 154
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600101493
Status: Open - Eligible for Closure

DELLUCHI ***14 GLEN AVE*** ***ENE 1/4 - 1/2 (0.262 mi.)*** ***80*** ***159***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100440
date9: 10/3/1994
Status: Completed - Case Closed
Facility Id: 01-0484
Facility Status: Case Closed

CVS PHARMACY # 9130 ***175 41ST ST*** ***NE 1/4 - 1/2 (0.274 mi.)*** ***87*** ***180***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600101317
date9: 9/14/1994
Status: Completed - Case Closed
Facility Id: 01-1427
Facility Status: Case Closed

ACCUTUNE ***4045 BROADWAY*** ***N 1/4 - 1/2 (0.294 mi.)*** ***O88*** ***183***
Database: LUST REG 2, Date of Government Version: 09/30/2004
date9: 2/9/2001
Facility Id: 01-2417
Facility Status: Case Closed

ACCUTUNE ***4045 BROADWAY*** ***N 1/4 - 1/2 (0.294 mi.)*** ***O89*** ***184***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600102226
Status: Completed - Case Closed

UNOCAL ***96 MACARTHUR BLVD*** ***SSE 1/4 - 1/2 (0.297 mi.)*** ***M90*** ***185***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-1618
Facility Status: Preliminary site assessment underway

FIVE C GROUP ***4101 BROADWAY*** ***N 1/4 - 1/2 (0.310 mi.)*** ***O94*** ***192***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100591
date9: 12/16/1998
Status: Completed - Case Closed
Facility Id: 01-0641
Facility Status: Case Closed

BP OIL CO FACILITY N ***100 MACARTHUR BLVD*** ***SSE 1/4 - 1/2 (0.318 mi.)*** ***95*** ***193***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100908
Status: Completed - Case Closed

Facility Id: 01-0985
Facility Status: Preliminary site assessment underway

7-ELEVEN FOOD STORE ***4100 BROADWAY*** ***N 1/4 - 1/2 (0.324 mi.)*** ***96*** ***205***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100004
date9: 5/26/1998
Status: Completed - Case Closed
Facility Id: 01-0005
Facility Status: Case Closed

DOWNTOWN AUTO CTR ***4145 BROADWAY*** ***N 1/4 - 1/2 (0.398 mi.)*** ***S101*** ***231***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600102227
Status: Completed - Case Closed
Facility Id: 01-2418
Facility Status: Preliminary site assessment underway

CITY OF OAKLAND FIRE ***172 SANTA CLARA AVE*** ***SE 1/4 - 1/2 (0.401 mi.)*** ***102*** ***242***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100575
date9: 9/30/1992
Status: Completed - Case Closed
Facility Id: 01-0625
Facility Status: Case Closed

MERRITT HOSPITAL CAR ***365 HAWTHORNE*** ***WSW 1/4 - 1/2 (0.404 mi.)*** ***R104*** ***246***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100887
date9: 8/29/1994
Status: Completed - Case Closed
Facility Id: 01-0963
Facility Status: Case Closed

DOWNTOWN AUTO CENTER ***4171 BROADWAY*** ***N 1/4 - 1/2 (0.427 mi.)*** ***S105*** ***248***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T10000000433
Status: Open - Site Assessment

POY-WING PROPERTY ***240 MACARTHUR BLVD W*** ***SSE 1/4 - 1/2 (0.446 mi.)*** ***108*** ***257***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600102243
Status: Open - Verification Monitoring
Facility Id: 01-2434
Facility Status: Leak being confirmed

VIDEO CITY 4266 BROADWAY NNE 1/4 - 1/2 (0.461 mi.) W112 270
Database: LUST REG 2, Date of Government Version: 09/30/2004
date9: 1/31/1997
Facility Id: 01-2206
Facility Status: Case Closed

VIDEO CITY ***4266 BROADWAY*** ***NNE 1/4 - 1/2 (0.461 mi.)*** ***W113*** ***270***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600102025

Status: Completed - Case Closed

PARK SCHOOL ***368 42ND*** ***N 1/4 - 1/2 (0.498 mi.)*** ***120*** ***287***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600101773
date9: 8/2/1996
Status: Completed - Case Closed
Facility Id: 01-1912
Facility Status: Case Closed

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HE	***3451 PIEDMONT***	***SW 1/8 - 1/4 (0.125 mi.)***	***F57***	***91***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600102082
date9: 1/27/1998
Status: Completed - Case Closed
Facility Id: 01-2266
Facility Status: Case Closed

MOSSWOOD PARK BUILDI ***3505 BROADWAY*** ***WSW 1/8 - 1/4 (0.185 mi.)*** ***J65*** ***124***
Database: LUST REG 2, Date of Government Version: 09/30/2004
date9: 7/4/2000
Facility Id: 01-0841
Facility Status: Case Closed

KAISER FOUNDATION MO ***3505 BROADWAY*** ***WSW 1/8 - 1/4 (0.185 mi.)*** ***J67*** ***126***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100775
Status: Completed - Case Closed

VAL STROUGH CHEVROLE ***327 34TH ST*** ***WSW 1/4 - 1/2 (0.264 mi.)*** ***N81*** ***160***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600101644
Status: Completed - Case Closed
Facility Id: 01-1776
Facility Status: Preliminary site assessment underway

411 MACARTHUR REDEVE ***411 MACARTHUR BLVD*** ***WNW 1/4 - 1/2 (0.271 mi.)*** ***L83*** ***170***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-1597
Facility Status: Preliminary site assessment underway

MOSSWOOD UNION ***411 WEST MACARTHUR*** ***WNW 1/4 - 1/2 (0.271 mi.)*** ***L85*** ***171***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600101472
Status: Completed - Case Closed

BROADWAY MEDICAL PLA ***3300 WEBSTER ST*** ***WSW 1/4 - 1/2 (0.309 mi.)*** ***N93*** ***190***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100226
date9: 6/16/1997
Status: Completed - Case Closed
Facility Id: 01-0240
Facility Status: Case Closed

ROY ANDERSON PAINTS ***3080 BROADWAY*** ***SW 1/4 - 1/2 (0.325 mi.)*** ***Q97*** ***209***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016

Global Id: T0600101621
Status: Open - Eligible for Closure
Facility Id: 01-1752
Facility Status: Leak being confirmed

BAY AREA RENTALS ***3074 BROADWAY*** ***SW 1/4 - 1/2 (0.338 mi.)*** ***Q98*** ***213***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600102134
date9: 9/28/1999
Status: Completed - Case Closed
Facility Id: 01-2320
Facility Status: Case Closed

CONNELL OLDS ***3093 BROADWAY*** ***SW 1/4 - 1/2 (0.346 mi.)*** ***99*** ***214***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100406
Status: Open - Assessment & Interim Remedial Action
Facility Id: 01-0447
Facility Status: Preliminary site assessment underway

ROBERT & RUTH BURROW 260 30TH ST SW 1/4 - 1/2 (0.455 mi.) V109 262
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-2411
Facility Status: Leak being confirmed

DOWNTOWN AUTO BODY & ***260 30TH ST*** ***SW 1/4 - 1/2 (0.455 mi.)*** ***V110*** ***263***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600102220
Status: Open - Site Assessment

HAGSTROM PROPERTY ***265 30TH*** ***SW 1/4 - 1/2 (0.465 mi.)*** ***V114*** ***272***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600102119
Status: Completed - Case Closed
Facility Id: 01-2303
Facility Status: Leak being confirmed

CALIFORNIA HIGHWAY P ***3601 TELEGRAPH AVE*** ***W 1/4 - 1/2 (0.470 mi.)*** ***U115*** ***274***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0619763665
Status: Open - Inactive

EUROPEAN MOTORS ***2915 BROADWAY*** ***SW 1/4 - 1/2 (0.484 mi.)*** ***V116*** ***278***
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100528
Status: Completed - Case Closed

EUROPEAN MOTORS LIMI ***2915 BROADWAY*** ***SW 1/4 - 1/2 (0.484 mi.)*** ***V117*** ***283***
Database: LUST REG 2, Date of Government Version: 09/30/2004
date9: 9/3/1992
Facility Id: 01-0575
Facility Status: Case Closed

SUMMIT MEDICAL CENTE ***3420 TELEGRAPH AVE*** ***W 1/4 - 1/2 (0.489 mi.)*** ***X119*** ***284***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Global Id: T0600100952
date9: 6/28/1996

Status: Completed - Case Closed
Facility Id: 01-1031
Facility Status: Case Closed

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 5 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO	***280 W MACARTHUR BLVD***	***NNW 0 - 1/8 (0.057 mi.)***	***C23***	***38***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: SLT2O181284				
KAISER HOSPITAL	UNKNOWN 38TH & BROAD	NNW 0 - 1/8 (0.098 mi.)	G41	74
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: SLT2O145151				
GLOVATORIUM	***3820 MANILA AVENUE***	***NNW 1/8 - 1/4 (0.204 mi.)***	***68***	***129***
Database: SLIC, Date of Government Version: 12/12/2016 Facility Status: Open - Assessment & Interim Remedial Action Global Id: T10000006741				
DORNTGE PROPERTY	***410 FAIRMOUNT***	***S 1/4 - 1/2 (0.298 mi.)***	***P91***	***189***
Database: SLIC, Date of Government Version: 12/12/2016 Facility Status: Completed - Case Closed Global Id: T06019705283				

Lower Elevation	Address	Direction / Distance	Map ID	Page
411 MACARTHUR REDEVE	***411 WEST MACARTHUR B***	***WNW 1/4 - 1/2 (0.271 mi.)***	***L86***	***176***
Database: SLIC, Date of Government Version: 12/12/2016 Facility Status: Open - Site Assessment Global Id: T10000007937				

Alameda County CS: 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).

A review of the Alameda County CS list, as provided by EDR, and dated 10/12/2016 has revealed that there are 39 Alameda County CS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DODSON LTD	240 W MACARTHUR BLVD	0 - 1/8 (0.000 mi.)	A13	24
Record Id: RO0000142 Status: Leak Confirmation Status: Preliminary Site Assessment Underway Status: Pollution Characterization				
KAISER FOUNDATION HO	***280 W MACARTHUR BLVD***	***NNW 0 - 1/8 (0.057 mi.)***	***C23***	***38***

Record Id: RO0002805

91026 ***3701 BROADWAY*** ***WNW 0 - 1/8 (0.097 mi.)*** ***E37*** ***66***
Record Id: RO0000500
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted
Status: Pollution Characterization
Status: Remediation Plan
Status: Remedial Action Underway

HONDA OF OAKLAND ***3741 BROADWAY*** ***NW 0 - 1/8 (0.107 mi.)*** ***G43*** ***74***
Record Id: RO0000205
Status: Leak Confirmation
Status: Remedial Action Underway
Status: Case Closed

FIRESTONE #3658 ***3785 BROADWAY*** ***NNW 0 - 1/8 (0.125 mi.)*** ***G56*** ***89***
Record Id: RO0000566
Status: Case Closed

EXPRESS AUTO CLINIC ***3810 BROADWAY*** ***N 1/8 - 1/4 (0.137 mi.)*** ***I58*** ***92***
Record Id: RO0000056
Status: Leak Confirmation
Status: Pollution Characterization
Status: Remedial Action Underway
Status: Case Closed

CHEVRON #9-0517 / HO ***3900 PIEDMONT AVENUE*** ***ENE 1/8 - 1/4 (0.152 mi.)*** ***H61*** ***101***
Record Id: RO0000138
Status: Pollution Characterization

EARL THOMPSON PROPER ***316 38TH STREET*** ***NNW 1/8 - 1/4 (0.175 mi.)*** ***I63*** ***105***
Record Id: RO0002996
Status: Leak Confirmation

GLOVATORIUM ***3820 MANILA AVENUE*** ***NNW 1/8 - 1/4 (0.204 mi.)*** ***68*** ***129***
Record Id: RO0000458
Status: Pollution Characterization

UNION OIL SS 0746 ***3943 BROADWAY*** ***N 1/8 - 1/4 (0.234 mi.)*** ***K73*** ***142***
Record Id: RO0000203
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted
Status: Preliminary Site Assessment Underway
Status: Pollution Characterization

DELLUCHI ***14 GLEN AVE*** ***ENE 1/4 - 1/2 (0.262 mi.)*** ***80*** ***159***
Record Id: RO0000527
Status: Case Closed

CVS PHARMACY # 9130 ***175 41ST ST*** ***NE 1/4 - 1/2 (0.274 mi.)*** ***87*** ***180***
Record Id: RO0000534
Status: Case Closed

ACCUTUNE ***4045 BROADWAY*** ***N 1/4 - 1/2 (0.294 mi.)*** ***O89*** ***184***
Record Id: RO0000432
Status: Case Closed

UNOCAL ***96 MACARTHUR BLVD*** ***SSE 1/4 - 1/2 (0.297 mi.)*** ***M90*** ***185***
Record Id: RO0000455
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted
Status: Preliminary Site Assessment Underway

Status: Pollution Characterization				
DORNTGE PROPERTY Record Id: RO0002512 Status: Leak Confirmation Status: Pollution Characterization Status: Case Closed	410 FAIRMOUNT AVE	S 1/4 - 1/2 (0.298 mi.)	P92	190
FIVE C GROUP Record Id: RO0001122 Status: Case Closed	***4101 BROADWAY***	***N 1/4 - 1/2 (0.310 mi.)***	***O94***	***192***
BP OIL CO FACILITY N Record Id: RO0000456 Status: Leak Confirmation Status: Pollution Characterization Status: Case Closed	***100 MACARTHUR BLVD***	***SSE 1/4 - 1/2 (0.318 mi.)***	***95***	***193***
7-ELEVEN FOOD STORE Record Id: RO0001067 Status: Case Closed	***4100 BROADWAY***	***N 1/4 - 1/2 (0.324 mi.)***	***96***	***205***
DOWNTOWN AUTO CTR Record Id: RO0000509 Status: Leak Confirmation Status: Preliminary Site Assessment Workplan Submitted Status: Preliminary Site Assessment Underway Status: Pollution Characterization Status: Case Closed	***4145 BROADWAY***	***N 1/4 - 1/2 (0.398 mi.)***	***S101***	***231***
CITY OF OAKLAND FIRE Record Id: RO0001115 Status: Case Closed	***172 SANTA CLARA AVE***	***SE 1/4 - 1/2 (0.401 mi.)***	***102***	***242***
MERRITT HOSPITAL CAR Record Id: RO0001082 Status: Case Closed	***365 HAWTHORNE***	***WSW 1/4 - 1/2 (0.404 mi.)***	***R104***	***246***
DOWNTOWN AUTO CENTER Record Id: RO0002990 Status: Leak Confirmation	***4171 BROADWAY***	***N 1/4 - 1/2 (0.427 mi.)***	***S105***	***248***
ULIBARRI PROPERTY Record Id: RO0002921 Status: Leak Confirmation Status: Preliminary Site Assessment Underway Status: Pollution Characterization Status: Remediation Plan Status: Remedial Action Underway **Additional key fields are available in the Map Findings section*	387 ORANGE ST	S 1/4 - 1/2 (0.459 mi.)	111	269
VIDEO CITY Record Id: RO0000739 Status: Case Closed	***4266 BROADWAY***	***NNE 1/4 - 1/2 (0.461 mi.)***	***W113***	***270***
PARK SCHOOL Record Id: RO0001021 Status: Case Closed	***368 42ND***	***N 1/4 - 1/2 (0.498 mi.)***	***120***	***287***

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HE	***3451 PIEDMONT***	***SW 1/8 - 1/4 (0.125 mi.)***	***F57***	***91***

Record Id: RO0000638
Status: Case Closed

KAISER FOUNDATION MO	***3505 BROADWAY***	***WSW 1/8 - 1/4 (0.185 mi.)***	***J67***	***126***

Record Id: RO0001103
Status: Case Closed

VAL STROUGH CHEVROLE	***327 34TH ST***	***WSW 1/4 - 1/2 (0.264 mi.)***	***N81***	***160***

Record Id: RO0000134
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted
Status: Preliminary Site Assessment Underway
Status: Pollution Characterization
Status: Remediation Plan
**Additional key fields are available in the Map Findings section*

UNION OIL SS #3538	***411 W MACARTHUR BLVD***	***WNW 1/4 - 1/2 (0.271 mi.)***	***L82***	***169***

Record Id: RO0000251
Status: Leak Confirmation
Status: Preliminary Site Assessment Underway
Status: Pollution Characterization

411 MACARTHUR REDEVE	***411 MACARTHUR BLVD***	***WNW 1/4 - 1/2 (0.271 mi.)***	***L83***	***170***

Record Id: RO0003192
Status: Pollution Characterization

BROADWAY MEDICAL PLA	***3300 WEBSTER ST***	***WSW 1/4 - 1/2 (0.309 mi.)***	***N93***	***190***

Record Id: RO0001055
Status: Case Closed

ROY ANDERSON PAINTS	***3080 BROADWAY***	***SW 1/4 - 1/2 (0.325 mi.)***	***Q97***	***209***

Record Id: RO0000140
Status: Preliminary Site Assessment Underway

BAY AREA RENTALS	***3074 BROADWAY***	***SW 1/4 - 1/2 (0.338 mi.)***	***Q98***	***213***

Record Id: RO0000742
Status: Case Closed

CONNELL OLDS	***3093 BROADWAY***	***SW 1/4 - 1/2 (0.346 mi.)***	***99***	***214***

Record Id: RO0000199
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted
Status: Preliminary Site Assessment Underway
Status: Pollution Characterization

DOWNTOWN AUTO BODY &	***260 30TH ST***	***SW 1/4 - 1/2 (0.455 mi.)***	***V110***	***263***

Record Id: RO0000247
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted

HAGSTROM PROPERTY	***265 30TH***	***SW 1/4 - 1/2 (0.465 mi.)***	***V114***	***272***

Record Id: RO0000438
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted
Status: Pollution Characterization
Status: Case Closed

CALIFORNIA HIGHWAY P	***3601 TELEGRAPH AVE***	***W 1/4 - 1/2 (0.470 mi.)***	***U115***	***274***

Record Id: RO0002950
Status: Leak Confirmation
Status: Preliminary Site Assessment Underway
Status: Pollution Characterization

EUROPEAN MOTORS	***2915 BROADWAY***	***SW 1/4 - 1/2 (0.484 mi.)***	***V116***	***278***

Record Id: RO0000702
Status: Case Closed

SUMMIT MEDICAL CENTE ***3420 TELEGRAPH AVE*** ***W 1/4 - 1/2 (0.489 mi.)*** ***X119*** ***284***
Record Id: RO0000991
Status: Case Closed

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 9 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FABIOLA MEDICAL OFFI	3801 HOWE ST	NNE 0 - 1/8 (0.052 mi.)	C21	36
Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016 Facility Id: FA0321182 Closed: YES Facility Status: 02				
KAISER PERMANENTE ME	280 W MACARTHUR BLVD	NNW 0 - 1/8 (0.057 mi.)	C24	59
Database: UST, Date of Government Version: 09/12/2016 Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016 Facility Id: FA0321052 Facility Id: 130 Closed: YES Facility Status: 02				
QUICK FOOD & GAS	3810 BROADWAY	N 1/8 - 1/4 (0.137 mi.)	I59	100
Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016 Facility Id: FA0322883 Facility Status: 01				
ZZBROADWAY VALERO	3810 BROADWAY	N 1/8 - 1/4 (0.137 mi.)	I60	101
Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016 Facility Id: FA0321564 Closed: YES Facility Status: 02				
UNOCAL SS #0746	3943 BROADWAY	N 1/8 - 1/4 (0.234 mi.)	K70	139
Database: UST, Date of Government Version: 09/12/2016 Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016 Facility Id: FA0321502 Facility Id: 115 Facility Status: 01				

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO	3459 PIEDMONT AVE	SW 0 - 1/8 (0.090 mi.)	F33	64
Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016 Facility Id: FA0321187 Facility Status: 01				
MOSSWOOD	3505 BROADWAY	WSW 1/8 - 1/4 (0.185 mi.)	J66	126
Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016				

Facility Id: FA0321175
Closed: YES
Facility Status: 02

A & P SERVICE CENTER	398 W MACARTHUR BLVD	WNW 1/8 - 1/4 (0.249 mi.)	L74	149

Database: UST, Date of Government Version: 09/12/2016
Facility Id: 225

A & P SERVICE CENTER	398 W MACARTHUR BLVD	WNW 1/8 - 1/4 (0.249 mi.)	L77	152

Database: ALAMEDA CO. UST, Date of Government Version: 10/10/2016
Facility Id: FA0322630
Facility Status: 01

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 is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO	3459 PIEDMONT AVE	SW 0 - 1/8 (0.090 mi.)	F34	64

State and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 10/31/2016 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
4212-4220 PIEDMONT A	***4212-4220 PIEDMONT A***	***NE 1/4 - 1/2 (0.437 mi.)***	***T107***	***252***

Status: Inactive - Action Required
Facility Id: 60001212

ADDITIONAL ENVIRONMENTAL RECORDS

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HARRIS DRY CLEANERS	***2801 MARTIN LUTHER K***	***WSW 1/2 - 1 (0.875 mi.)***	***Y126***	***303***

EXECUTIVE SUMMARY

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 7 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO Status: A Tank Status: A Comp Number: 64405	***280 W MACARTHUR BLVD***	***NNW 0 - 1/8 (0.057 mi.)***	***C23***	***38***
CHEVRON Comp Number: 61970	***3701 BROADWAY***	***WNW 0 - 1/8 (0.097 mi.)***	***E38***	***72***
FIRESTONE #3658 Comp Number: 5856	***3785 N BROADWAY***	***NNW 0 - 1/8 (0.125 mi.)***	***G55***	***88***
PROFESSIONAL INDUSTR Status: A Tank Status: A Comp Number: 6294	***3815 BROADWAY***	***NNW 1/8 - 1/4 (0.177 mi.)***	***I64***	***110***
UNOCAL SERVICE STATI Status: A Tank Status: A Comp Number: 241	***3943 BROADWAY***	***N 1/8 - 1/4 (0.234 mi.)***	***K72***	***140***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOSSWOOD PARK BUILDI Status: A Tank Status: A Comp Number: 18496	***3505 BROADWAY***	***WSW 1/8 - 1/4 (0.185 mi.)***	***J65***	***124***
MOBIL SERVICE STATIO Comp Number: 39630	***398 W MAC ARTHUR BLV***	***WNW 1/8 - 1/4 (0.249 mi.)***	***L75***	***149***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 11 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO Facility Id: 00000064405	***280 W MACARTHUR BLVD***	***NNW 0 - 1/8 (0.057 mi.)***	***C23***	***38***
KAISER HOSPITAL	***280 WEST MACARTHUR B***	***NNW 0 - 1/8 (0.057 mi.)***	***C25***	***59***
91026 Facility Id: 00000061970	***3701 BROADWAY***	***WNW 0 - 1/8 (0.097 mi.)***	***E37***	***66***
FIRESTONE #3658	***3785 N BROADWAY***	***NNW 0 - 1/8 (0.125 mi.)***	***G55***	***88***
FIRESTONE #3658	***3785 BROADWAY***	***NNW 0 - 1/8 (0.125 mi.)***	***G56***	***89***

Facility Id: 00000005856				
PROFESSIONAL INDUSTR Facility Id: 00000006294	***3815 BROADWAY***	***NNW 1/8 - 1/4 (0.177 mi.)***	***I64***	***110***
UNION OIL SS#0746 Facility Id: 00000058998	3943 BROADWAY	N 1/8 - 1/4 (0.234 mi.)	K71	140
UNION OIL SS 0746 Facility Id: 00000031726	***3943 BROADWAY***	***N 1/8 - 1/4 (0.234 mi.)***	***K73***	***142***

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION MO Facility Id: 00000018496	***3505 BROADWAY***	***WSW 1/8 - 1/4 (0.185 mi.)***	***J67***	***126***
MOBIL SERVICE STATIO Facility Id: 00000039630	398 W MACARTHUR BLVD	WNW 1/8 - 1/4 (0.249 mi.)	L76	151
A&P SERVICE CENTER	***398 W MAC ARTHUR BLV***	***WNW 1/8 - 1/4 (0.249 mi.)***	***L78***	***152***

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 6 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO Facility Id: 01002803 Status: A	***280 W MACARTHUR BLVD***	***NNW 0 - 1/8 (0.057 mi.)***	***C23***	***38***
91026 Facility Id: 01000494 Status: I	3701 BROADWAY	WNW 0 - 1/8 (0.097 mi.)	E39	73
FIRESTONE #3658 Facility Id: 01000764 Status: I	***3785 N BROADWAY***	***NNW 0 - 1/8 (0.125 mi.)***	***G55***	***88***
PROFESSIONAL INDUSTR Facility Id: 01001954 Status: A	***3815 BROADWAY***	***NNW 1/8 - 1/4 (0.177 mi.)***	***I64***	***110***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOSSWOOD PARK BUILDI Facility Id: 01000958 Status: A	***3505 BROADWAY***	***WSW 1/8 - 1/4 (0.185 mi.)***	***J65***	***124***
MOBIL SERVICE STATIO Facility Id: 01002179 Status: I	***398 W MAC ARTHUR BLV***	***WNW 1/8 - 1/4 (0.249 mi.)***	***L75***	***149***

Other Ascertainable Records

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 09/02/2016 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PROFESSIONAL INDUSTR EPA Id: CAD980895866	***3815 BROADWAY***	***NNW 1/8 - 1/4 (0.177 mi.)***	***I64***	***110***
GLOVATORIUM EPA Id: CAL000093460	***3820 MANILA AVENUE***	***NNW 1/8 - 1/4 (0.204 mi.)***	***68***	***129***

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 [CALSITES]. 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 37 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON Reg Id: 01-0363	3701 BROADWAY	WNW 0 - 1/8 (0.097 mi.)	E40	74
HONDA OF OAKLAND Reg Id: 01-1629	***3741 BROADWAY***	***NW 0 - 1/8 (0.107 mi.)***	***G43***	***74***
FIRESTONE #3658 Reg Id: 01-0638	***3785 BROADWAY***	***NNW 0 - 1/8 (0.125 mi.)***	***G56***	***89***
EXPRESS AUTO CLINIC Reg Id: 01-1205	***3810 BROADWAY***	***N 1/8 - 1/4 (0.137 mi.)***	***I58***	***92***
CHEVRON #9-0517 / HO Reg Id: 01-2440	***3900 PIEDMONT AVENUE***	***ENE 1/8 - 1/4 (0.152 mi.)***	***H61***	***101***
ARCO Reg Id: 01-0115	71 MACARTHUR	SSE 1/8 - 1/4 (0.160 mi.)	62	105
EARL THOMPSON PROPER Reg Id: 01-2412	***316 38TH STREET***	***NNW 1/8 - 1/4 (0.175 mi.)***	***I63***	***105***
PROFESSIONAL INDUSTR Reg Id: 01-2279	***3815 BROADWAY***	***NNW 1/8 - 1/4 (0.177 mi.)***	***I64***	***110***
UNION OIL SS 0746 Reg Id: 01-1596	***3943 BROADWAY***	***N 1/8 - 1/4 (0.234 mi.)***	***K73***	***142***
DELLUCHI Reg Id: 01-0484	***14 GLEN AVE***	***ENE 1/4 - 1/2 (0.262 mi.)***	***80***	***159***
CVS PHARMACY # 9130 Reg Id: 01-1427	***175 41ST ST***	***NE 1/4 - 1/2 (0.274 mi.)***	***87***	***180***
ACCUTUNE Reg Id: 01-2417	***4045 BROADWAY***	***N 1/4 - 1/2 (0.294 mi.)***	***O88***	***183***
UNOCAL	***96 MACARTHUR BLVD***	***SSE 1/4 - 1/2 (0.297 mi.)***	***M90***	***185***

Reg Id: 01-1618				
FIVE C GROUP Reg Id: 01-0641	***4101 BROADWAY***	***N 1/4 - 1/2 (0.310 mi.)***	***O94***	***192***
BP OIL CO FACILITY N Reg Id: 01-0985	***100 MACARTHUR BLVD***	***SSE 1/4 - 1/2 (0.318 mi.)***	***95***	***193***
7-ELEVEN FOOD STORE Reg Id: 01-0005	***4100 BROADWAY***	***N 1/4 - 1/2 (0.324 mi.)***	***96***	***205***
DOWNTOWN AUTO CTR Reg Id: 01-2418	***4145 BROADWAY***	***N 1/4 - 1/2 (0.398 mi.)***	***S101***	***231***
CITY OF OAKLAND FIRE Reg Id: 01-0625	***172 SANTA CLARA AVE***	***SE 1/4 - 1/2 (0.401 mi.)***	***102***	***242***
YOUNG'S FOOD & LIQUO Reg Id: 01-1690	4193 PIEDMONT	NE 1/4 - 1/2 (0.403 mi.)	T103	246
MERRITT HOSPITAL CAR Reg Id: 01-0963	***365 HAWTHORNE***	***WSW 1/4 - 1/2 (0.404 mi.)***	***R104***	***246***
POY-WING PROPERTY Reg Id: 01-2434	***240 MACARTHUR BLVD W***	***SSE 1/4 - 1/2 (0.446 mi.)***	***108***	***257***
VIDEO CITY Reg Id: 01-2206	***4266 BROADWAY***	***NNE 1/4 - 1/2 (0.461 mi.)***	***W113***	***270***
PARK SCHOOL Reg Id: 01-1912	***368 42ND***	***N 1/4 - 1/2 (0.498 mi.)***	***120***	***287***

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HE Reg Id: 01-2266	***3451 PIEDMONT***	***SW 1/8 - 1/4 (0.125 mi.)***	***F57***	***91***
MOSSWOOD PARK BUILDI Reg Id: 01-0841	***3505 BROADWAY***	***WSW 1/8 - 1/4 (0.185 mi.)***	***J65***	***124***
VAL STROUGH CHEVROLE Reg Id: 01-1776	***327 34TH ST***	***WSW 1/4 - 1/2 (0.264 mi.)***	***N81***	***160***
411 MACARTHUR REDEVE Reg Id: 01-1597	***411 MACARTHUR BLVD***	***WNW 1/4 - 1/2 (0.271 mi.)***	***L83***	***170***
BROADWAY MEDICAL PLA Reg Id: 01-0240	***3300 WEBSTER ST***	***WSW 1/4 - 1/2 (0.309 mi.)***	***N93***	***190***
ROY ANDERSON PAINTS Reg Id: 01-1752	***3080 BROADWAY***	***SW 1/4 - 1/2 (0.325 mi.)***	***Q97***	***209***
BAY AREA RENTALS Reg Id: 01-2320	***3074 BROADWAY***	***SW 1/4 - 1/2 (0.338 mi.)***	***Q98***	***213***
CONNELL OLDS Reg Id: 01-0447	***3093 BROADWAY***	***SW 1/4 - 1/2 (0.346 mi.)***	***99***	***214***
FACILITY 13522-1 Reg Id: 2620	494 36TH	W 1/4 - 1/2 (0.428 mi.)	U106	252
DOWNTOWN AUTO BODY & Reg Id: 01-2411	***260 30TH ST***	***SW 1/4 - 1/2 (0.455 mi.)***	***V110***	***263***
HAGSTROM PROPERTY Reg Id: 01-2303	***265 30TH***	***SW 1/4 - 1/2 (0.465 mi.)***	***V114***	***272***
CALIFORNIA HIGHWAY P	***3601 TELEGRAPH AVE***	***W 1/4 - 1/2 (0.470 mi.)***	***U115***	***274***

Reg Id: 01-0264				
EUROPEAN MOTORS LIMI	***2915 BROADWAY***	***SW 1/4 - 1/2 (0.484 mi.)***	***V117***	***283***
Reg Id: 01-0575				
SUMMIT MEDICAL CENTE	3414 3420 TELEGRAPH	W 1/4 - 1/2 (0.489 mi.)	X118	284
Reg Id: 01-1031				

Notify 65: 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.

A review of the Notify 65 list, as provided by EDR, and dated 09/19/2016 has revealed that there are 14 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI	***3943 BROADWAY***	***N 1/8 - 1/4 (0.234 mi.)***	***K72***	***140***
CARDIO PULMANARY BUI	365 HAWTHRONE STREET	WSW 1/4 - 1/2 (0.397 mi.)	R100	231
SHELL STATION	500 40TH STREET	NW 1/2 - 1 (0.570 mi.)	121	288
MEHDIZADEH PROPERTY	***5175 BROADWAY***	***NNE 1/2 - 1 (0.834 mi.)***	***125***	***292***
UNOCAL #1028 / CONOC	***5300 BROADWAY***	***NNE 1/2 - 1 (0.987 mi.)***	***134***	***343***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI	411 WEST MAC ARTHUR	WNW 1/4 - 1/2 (0.271 mi.)	L84	171
MOSSWOOD UNION	***411 WEST MACARTHUR***	***WNW 1/4 - 1/2 (0.271 mi.)***	***L85***	***171***
CONNELL OLDS	***3093 BROADWAY***	***SW 1/4 - 1/2 (0.346 mi.)***	***99***	***214***
EUROPEAN MOTORS	***2915 BROADWAY***	***SW 1/4 - 1/2 (0.484 mi.)***	***V116***	***278***
BROADWAY VOLKSWAGON	2749 BROADWAY	SW 1/2 - 1 (0.642 mi.)	122	289
TAYMUREE FOREIGN AUT	***3509 GRAND AVE***	***SE 1/2 - 1 (0.827 mi.)***	***124***	***290***
LAWLER APARTMENTS	431 LEE STREET	S 1/2 - 1 (0.902 mi.)	130	327
CROWLEY MARITIME COR	PAC. DRY DOCK YARDS	SSW 1/2 - 1 (0.915 mi.)	131	328
MOSTLY MUSTANGS	***2576 MARTIN LUTHER K***	***WSW 1/2 - 1 (0.952 mi.)***	***132***	***328***

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 12 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	240 W MACARTHUR BLVD	0 - 1/8 (0.000 mi.)	A14	25

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MORRISON R E	250 W MACARTHUR BL	WNW 0 - 1/8 (0.009 mi.)	A15	26
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
JONES W H	11 RIO VISTA AVE	ENE 0 - 1/8 (0.090 mi.)	D32	64
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
LAWRENCE-RAND MOTOR	3737 BROADWAY ST	NW 0 - 1/8 (0.106 mi.)	G42	74
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
SIMPSON A C	3753 BROADWAY ST	NW 0 - 1/8 (0.110 mi.)	G45	85
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
COOK T H	3781 BROADWAY ST	NNW 0 - 1/8 (0.119 mi.)	G50	87
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
COOK THEO H	3781 BROADWAY PL	NNW 0 - 1/8 (0.119 mi.)	G51	87
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
Not reported	3785 BROADWAY	NNW 0 - 1/8 (0.125 mi.)	G54	88

Lower Elevation	Address	Direction / Distance	Map ID	Page
DILLMAN BRUCE	3512 PIEDMONT AVE	SSW 0 - 1/8 (0.062 mi.)	B26	62
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
FIELD & LUND	3506 PIEDMONT AVE	SSW 0 - 1/8 (0.081 mi.)	B29	63
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
PERRYMAN F H	3666 BROADWAY ST	W 0 - 1/8 (0.085 mi.)	E30	63
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				
SEVALS & HEDLUND	3656 BROADWAY ST	W 0 - 1/8 (0.087 mi.)	E31	64
Database: EDR Hist Auto, Date of Government Version: 02/20/2007				

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 14 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW STAR LAUNDRY	3818 PIEDMONT AVE	ENE 0 - 1/8 (0.069 mi.)	D27	62
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				
Not reported	3824 PIEDMONT AVE	ENE 0 - 1/8 (0.076 mi.)	D28	62
BETMON LOUIS	3857 PIEDMONT AVE	ENE 0 - 1/8 (0.090 mi.)	D35	65
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				
Not reported	3839 PIEDMONT AVE	NE 0 - 1/8 (0.094 mi.)	D36	65
CONTRA COSTA LAUNDRY	3741 BROADWAY ST	NW 0 - 1/8 (0.107 mi.)	G44	85
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				
BETMON FELICIE	3861 PIEDMONT AVE	NE 0 - 1/8 (0.111 mi.)	D46	85
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUNSET LAUNDRY	3864 PIEDMONT AVE	ENE 0 - 1/8 (0.115 mi.)	D47	85
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				
Not reported	3871 PIEDMONT AVE	NE 0 - 1/8 (0.117 mi.)	H49	86
Not reported	3875 PIEDMONT AVE	NE 0 - 1/8 (0.119 mi.)	H52	87
WARREN R M	3883 PIEDMONT AVE	NE 0 - 1/8 (0.124 mi.)	H53	87
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				

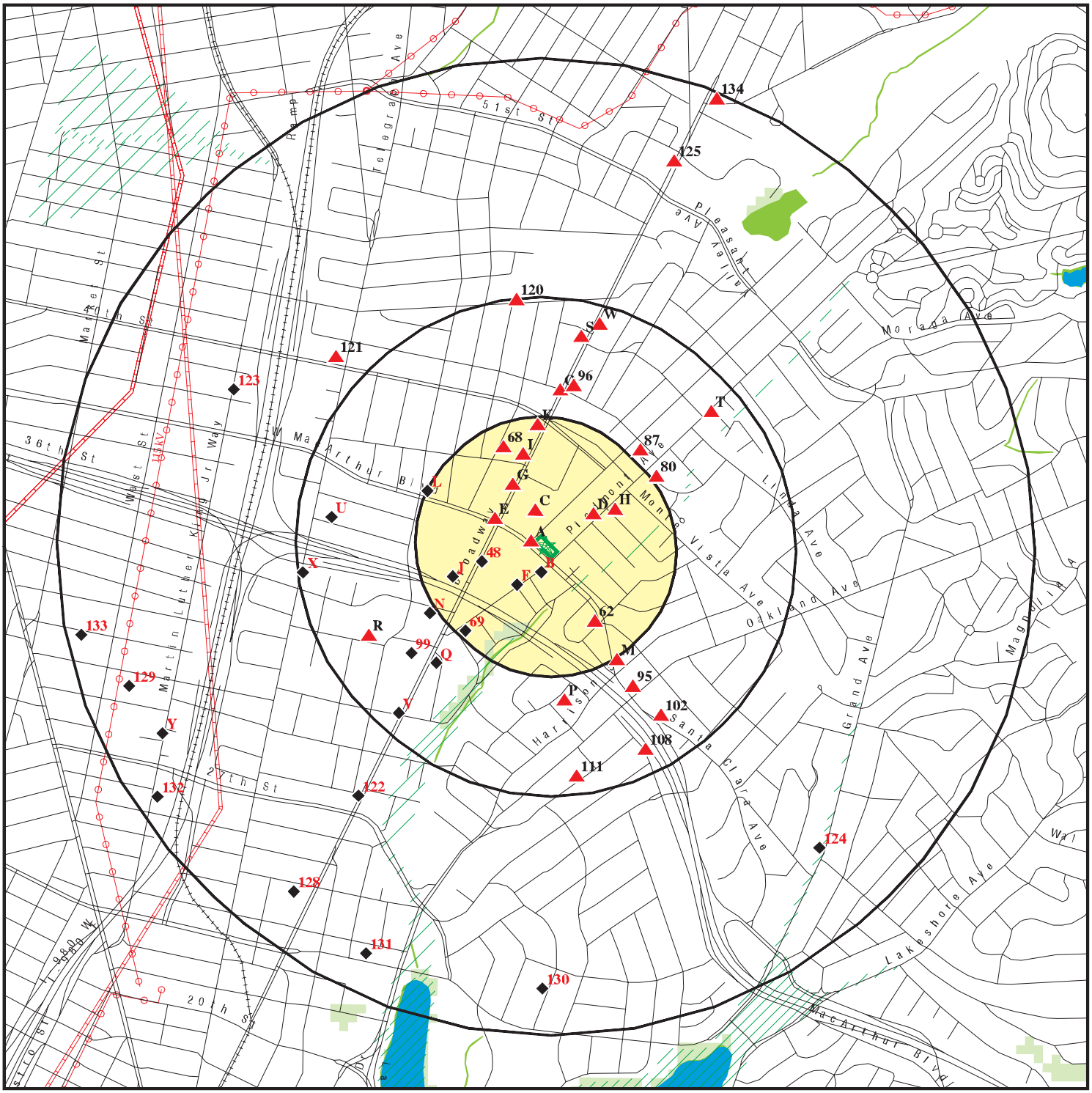
Lower Elevation	Address	Direction / Distance	Map ID	Page
MOSS CLEANING & DYE	3640 PIEDMONT AVE	S 0 - 1/8 (0.037 mi.)	B18	35
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				
KREPPER V E	3600 PIEDMONT AVE	SSW 0 - 1/8 (0.044 mi.)	B19	35
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				
VIRGINIA CLEANERS	3607 PIEDMONT AVE	SSW 0 - 1/8 (0.051 mi.)	B20	36
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007				
Not reported	3524 BROADWAY	WSW 0 - 1/8 (0.117 mi.)	48	86

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

Site Name	Database(s)
MACARTHUR BART TRANSIT VILLAGE	SLIC, BROWNFIELDS
CAL TECH METALS	RESPONSE, ENVIROSTOR, LIENS, Cortese
ALLIANCE RESIDENTIAL REDEVELOPMENT	Alameda County CS
OAKLAND ESTUARY MARINE DEBRIS REMO	SEMS
CALTRANS 29TH ST & MARTIN LUTHER K	LUST
CHEVRON #9-2029	LUST

OVERVIEW MAP - 4850526.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

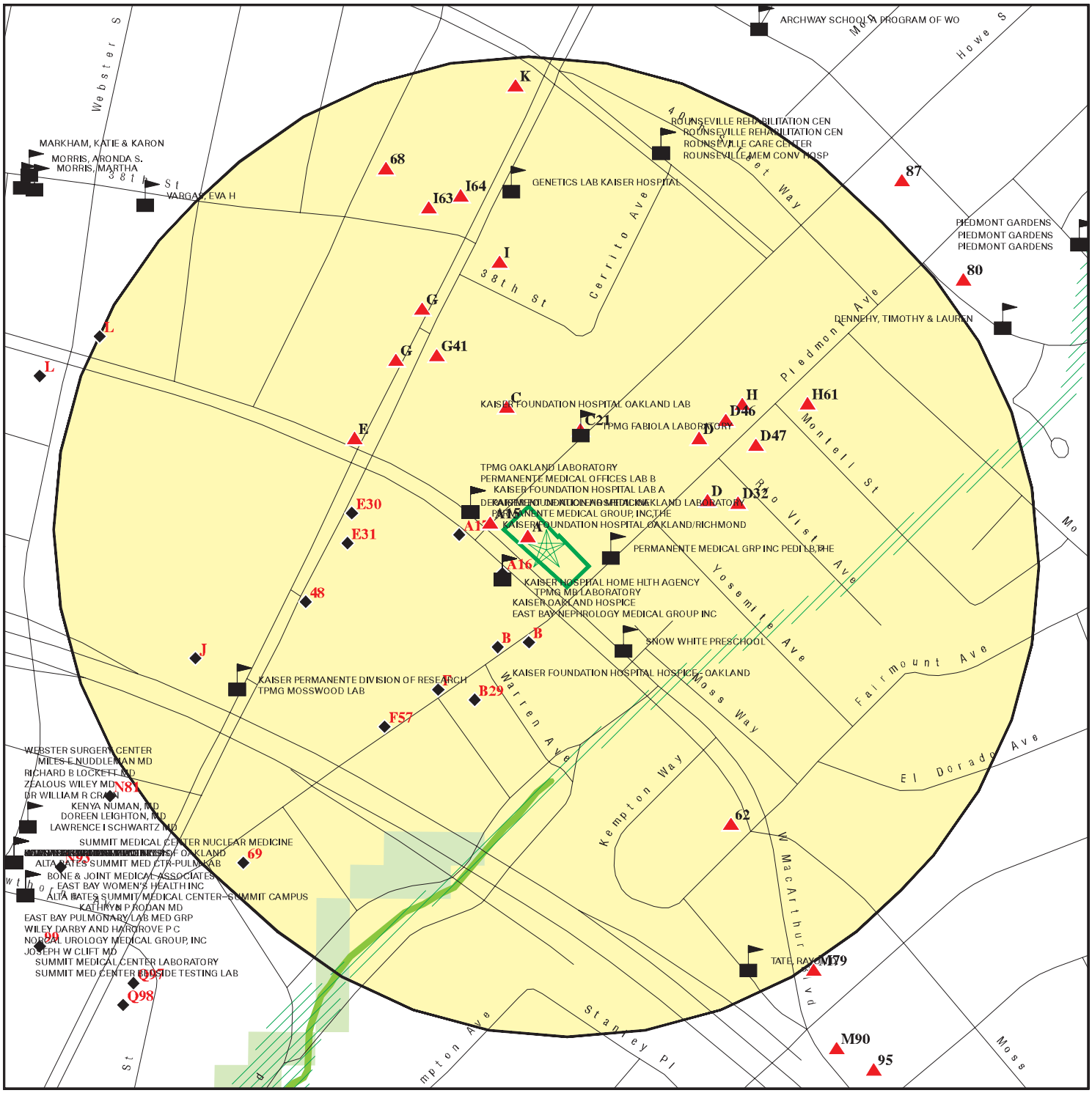
State Wetlands

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: Bayrock PHG Piedmont, LLC	CLIENT: Cardno ERI
ADDRESS: 230 Macarthur Blvd Oakland CA 94611	CONTACT: Robert Serrato INQUIRY #: 4850526.2s
LAT/LONG: 37.823717 / 122.256752	DATE: February 10, 2017 9:33 am

DETAIL MAP - 4850526.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

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: Bayrock PHG Piedmont, LLC	CLIENT: Cardno ERI
ADDRESS: 230 Macarthur Blvd Oakland CA 94611	CONTACT: Robert Serrato
LAT/LONG: 37.823717 / 122.256752	INQUIRY #: 4850526.2s
	DATE: February 10, 2017 9:33 am

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								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250	1	2	0	NR	NR	NR	3
RCRA-SQG	0.250		3	3	NR	NR	NR	6
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
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
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	1	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	5	NR	6
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500	2	4	10	31	NR	NR	47

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		2	1	2	NR	NR	5
Alameda County CS	0.500	1	5	7	27	NR	NR	40
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	3	6	NR	NR	NR	10
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	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	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	1	3	4	NR	NR	NR	8
HIST UST	0.250	1	5	6	NR	NR	NR	12
CA FID UST	0.250	1	3	3	NR	NR	NR	7
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	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
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	2	NR	NR	NR	2
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	2	NR	NR	NR	NR	NR	2

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
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500	1	3	8	26	NR	NR	38
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	1	5	8	NR	14
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.500		0	0	0	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	12	NR	NR	NR	NR	13
EDR Hist Cleaner	0.125		14	NR	NR	NR	NR	14
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	2	NR	NR	NR	NR	NR	2
- Totals --		16	60	51	93	15	0	235

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **DRUHE E W**
230 W MACARTHUR BLVD
OAKLAND, CA | **EDR Hist Auto** | **1009013306**
N/A

Site 1 of 17 in cluster A

Actual: 78 ft.

EDR Historical Auto Stations:

Name:	DRUHE E W
Year:	1943
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	WEST MACARTHUR SHELL STATION
Year:	2004
Address:	230 W MACARTHUR BLVD
Name:	WEST MACARTHUR SHELL STATION
Year:	2005
Address:	230 W MACARTHUR BLVD

A2 Target Property | **SERVICE STATION - SAP 135676**
230 W MACARTHUR
OAKLAND, CA 94611 | **FINDS ECHO** | **1014670594**
N/A

Site 2 of 17 in cluster A

Actual: 78 ft.

FINDS:

Registry ID: 110042268989

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.

HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:

Envid:	1014670594
Registry ID:	110042268989
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110042268989

A3 Target Property | **SHELL #13-5676**
230 MACARTHUR
OAKLAND, CA 94611 | **LUST HIST CORTESE** | **S110060316**
N/A

Site 3 of 17 in cluster A

Actual: 78 ft.

LUST:

Region:	STATE
Global Id:	T0600101240
Latitude:	37.823337981
Longitude:	-122.256511639
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed

SHELL #13-5676 (Continued) **S110060316**

Status Date: 01/23/2013
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: JTW
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-1345
LOC Case Number: RO0000303
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: The site is an active Shell-branded service station located on the northwest corner of West MacArthur Boulevard and Piedmont Avenue in Oakland, CA. Surrounding land use is commercial. In April 1986, four exploratory borings (S-A through S-D) were advanced within the area of the tank complex to total depths of 20.5 feet below grade (fbg). Soil samples contained up to 5,700 ppm TPH. In December 1986, a semi-quantitative soil vapor survey was conducted using a portable gas chromatograph. The soil vapor survey reported very high vapor concentrations near the storage tank fills and pump island closest to MacArthur Boulevard. Moderately high concentrations were reported beneath much of the remaining area. No additional soil vapor sampling and laboratory analysis was conducted to confirm or quantify these results. In March 1987, three soil vapor extraction (SVE) wells (VR-1, VR-2, and VR-3) were installed. The SVE treatment system operated between April and November 1987. In August 1987, two soil borings (B-1 and B-2) were advanced to characterize petroleum hydrocarbons remaining in the soil. Soil samples contained up to 1,870 ppm TPHg. In November 1987, two 8,000-gallon gasoline USTs and one 10,000-gallon gasoline UST were removed. Soil samples collected from the bottom of the UST excavation contained up to 480 ppm TPHg, 4.3 ppm benzene, 2.2 ppm toluene, and 55 ppm xylenes. New USTs were installed in the same excavation. In August 1989, three soil borings (SB-1, SB-2, and SB-3) were advanced in the area adjacent to the pump islands. Soil samples contained up to 490 ppm TPHg. Benzene was not detected at concentrations above the reporting limit in these soil samples. On October 10, 1989, three borings (GS-1, GS-2, and GS-3) were advanced to obtain grab groundwater samples from the area adjacent to the pump islands. Grab groundwater samples taken from GS-2 contained up to 8,800 ppb TPHg, 380 ppb benzene, 27 ppb toluene, 1,200 ppb ethylbenzene, and 62 ppb xylenes. These constituents were not detected at concentrations above the reporting limit in the grab groundwater sample from GS-1. Monitoring well MW-4 was installed in January 1990. In May 1990, six borings (Probe 1 through Probe 6) were advanced in the sidewalk along West MacArthur Boulevard to obtain shallow groundwater samples. Grab groundwater samples contained up to 31,000 ppb TPHg, 430 ppb benzene, 600 ppb toluene, 240 ppb ethylbenzene, and 1,400 ppb xylenes. TPHg and BTEX were not detected at concentrations above the reporting limit in grab groundwater samples collected from borings Probe 1 or Probe 3. In October 2002, a sensitive receptor survey (SRS) and conduit study identified a storm drain located just west of the site, along West MacArthur Boulevard, as a potential preferential pathway for contaminant migration. In October 2003, an additional SRS was completed to identify basements within 200 feet, surface water, and sensitive habitats within 500 feet, hospitals, residential care and childcare facilities within 1,000 feet, and water wells within one-half mile. No basements were observed within 200 feet and no surface water or sensitive habitats were observed within 500 feet. In March 2004, two soil borings (SB-1

SHELL #13-5676 (Continued) **S110060316**

and SB-2) were drilled adjacent to the storm drain located west of the site, and soil and groundwater samples were collected. Soil samples contained up to 43 ppm TPHg and 0.0099 ppm MTBE. BTEX were not detected at concentrations above the reporting limit in the soil samples. Grab groundwater samples contained up to 10,000 ppb TPHg, 430 ppb benzene, 75 ppb toluene, 98 ppb ethylbenzene, 44 ppb xylenes, and 320 ppb MTBE. In April 2005, soil samples were collected from beneath the sites dispensers and piping following an upgrade of the sites fueling system. Soil samples contained up to 2,700 ppm TPHg, 4.2 ppm benzene, 6.6 ppm toluene, 39 ppm ethylbenzene, 85 ppm xylenes, and 0.30 ppm MTBE. A UST Unauthorized Release/Contamination Site Report was filed on April 26, 2005 in conjunction with over-excavation of impacted soils. Following over-excavation, eight bottom and side-wall samples were collected. Soils samples contained up to 830 ppm TPHg, 1.4 ppm toluene, 4.1 ppm ethylbenzene, 1.5 ppm xylenes, and 0.017 ppm MTBE. In April 2006, four soil borings (SB-4, SB-6, SB-7, and SB-8) were advanced on site. Soil boring SB-8 was converted into on-site groundwater monitoring well MW-5. Soil samples from the borings contained up to 1,510 ppm TPHg, 2.90 ppm benzene, 9.47 ppm toluene, 9.46 ppm ethylbenzene, 70.6 ppm xylenes, 0.00970 ppm MTBE, and 0.0142 ppm di-isopropyl ether (DIPE). Grab groundwater samples contained up to 34,000 ppb TPHg, 404 ppb benzene, 22.5 ppb toluene, 110 ppb ethylbenzene, 56.8 ppb xylenes, 29.2 ppb MTBE, 40.2 ppb tertiary-butyl alcohol (TBA), and 26.6 DIPE. In February 2008, three off-site soil borings (SB-9, SB-10, and SB-11) were advanced southwest and west of well MW-5 to further delineate groundwater impacts down gradient. One on-site soil boring (SB-12) was drilled adjacent to well MW-5 for groundwater data comparison. MTBE was detected in one soil sample at a concentration of 0.0053 ppm in SB-12 at 15.5 fbg. TPHg, BTEX, TBA, DIPE, ethyl tertiary-butyl ether (ETBE), and tertiary-amyl methyl ether (TAME) were not detected at concentrations above the reporting limit in the soil samples.
Off-site grab groundwater samples contained up to 1,700 ppb TPHg, 14 ppb toluene, and 120 ppb MTBE. Benzene, ethylbenzene, xylenes, TBA, DIPE, ETBE, and TAME were not detected in the off-site grab groundwater samples. The on-site grab groundwater sample contained 4,900 ppb TPHg, 120 ppb benzene, 11 ppb toluene, 170 ppb ethylbenzene, 42.2 ppb xylenes, 33 ppb MTBE, 100 ppb TBA, and 11 ppb DIPE. Groundwater monitoring has been conducted at the site since July 1988. Coordinated monitoring and sampling has been conducted with the adjacent former gas station, currently Oakland Auto works at the property of 240 West MacArthur Boulevard, since the fourth quarter of 2003. Significant seasonal variations in groundwater elevations have been observed. Constituent concentrations have generally been highest in monitoring well and MW-5, which is located immediately down gradient of the former UST and dispenser islands. Overall decreases in constituent concentrations have generally been observed in groundwater monitoring results from the site indicating that natural attenuation of dissolved petroleum hydrocarbons is apparently taking place.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101240
Contact Type:	Local Agency Caseworker
Contact Name:	Jerry Wickham
Organization Name:	ALAMEDA COUNTY LOP

SHELL #13-5676 (Continued) **S110060316**

Address: 1131 Harbor Bay Parkway
City: Alameda
Email: jerry.wickham@acgov.org
Phone Number: 5105676791

Global Id: T0600101240
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0600101240
Status: Open - Case Begin Date
Status Date: 11/03/1987

Global Id: T0600101240
Status: Open - Site Assessment
Status Date: 12/01/1987

Global Id: T0600101240
Status: Open - Site Assessment
Status Date: 09/30/1988

Global Id: T0600101240
Status: Open - Verification Monitoring
Status Date: 02/15/2008

Global Id: T0600101240
Status: Open - Eligible for Closure
Status Date: 12/06/2012

Global Id: T0600101240
Status: Completed - Case Closed
Status Date: 01/23/2013

Regulatory Activities:

Global Id: T0600101240
Action Type: REMEDIATION
Date: 04/01/1987
Action: Soil Vapor Extraction (SVE)

Global Id: T0600101240
Action Type: ENFORCEMENT
Date: 07/25/2012
Action: Notification - Preclosure - #20120725

Global Id: T0600101240
Action Type: ENFORCEMENT
Date: 09/12/2012
Action: Staff Letter - #20120912

Global Id: T0600101240

SHELL #13-5676 (Continued) **S110060316**

Action Type:	Other
Date:	12/01/1987
Action:	Leak Reported
Global Id:	T0600101240
Action Type:	RESPONSE
Date:	08/01/2012
Action:	Correspondence
Global Id:	T0600101240
Action Type:	ENFORCEMENT
Date:	11/10/2008
Action:	File review
Global Id:	T0600101240
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T0600101240
Action Type:	RESPONSE
Date:	12/21/2012
Action:	Well Destruction Report
Global Id:	T0600101240
Action Type:	ENFORCEMENT
Date:	02/17/2011
Action:	Meeting - #20110217
Global Id:	T0600101240
Action Type:	RESPONSE
Date:	04/11/2008
Action:	Soil and Water Investigation Report
Global Id:	T0600101240
Action Type:	REMEDIATION
Date:	12/01/1987
Action:	Excavation
Global Id:	T0600101240
Action Type:	ENFORCEMENT
Date:	12/07/2007
Action:	Staff Letter - #20071207
Global Id:	T0600101240
Action Type:	ENFORCEMENT
Date:	02/27/2012
Action:	File review - #20120227
Global Id:	T0600101240
Action Type:	ENFORCEMENT
Date:	03/28/2012
Action:	Meeting - #20120328
Global Id:	T0600101240
Action Type:	ENFORCEMENT
Date:	10/15/2012

SHELL #13-5676 (Continued) **S110060316**

Action: Staff Letter - #20121015

Global Id: T0600101240
Action Type: ENFORCEMENT
Date: 07/25/2012
Action: Staff Letter - #20120725

Global Id: T0600101240
Action Type: Other
Date: 11/03/1987
Action: Leak Discovery

Global Id: T0600101240
Action Type: ENFORCEMENT
Date: 01/23/2013
Action: Closure/No Further Action Letter - #20130123

Global Id: T0600101240
Action Type: ENFORCEMENT
Date: 05/14/2012
Action: File Review - Closure - #20120514

Global Id: T0600101240
Action Type: ENFORCEMENT
Date: 07/25/2012
Action: Notification - Fee Title Owners Notice - #20120725

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1345

A4 Target Property **BHUSHAN BANSAL** **HIST UST** **U001599372**
230 W MACARTHUR BLVD **N/A**
OAKLAND, CA 94611

Site 4 of 17 in cluster A

Actual: 78 ft.

HIST UST:
File Number: 0003635E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0003635E.pdf
Region: STATE
Facility ID: 00000057095
Facility Type: Gas Station
Other Type: Not reported
Contact Name: BHUSHAN BANSAL
Telephone: 4156555863
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. 4848
Owner City,St,Zip: ANAHEIM, CA 92803
Total Tanks: 0005

Tank Num: 001
Container Num: 1
Year Installed: 1959

BHUSHAN BANSAL (Continued) **U001599372**

Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10

Tank Num:	002
Container Num:	2
Year Installed:	1966
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10

Tank Num:	003
Container Num:	3
Year Installed:	1966
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10

Tank Num:	004
Container Num:	4
Year Installed:	1967
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	Stock Inventor, 10

Tank Num:	005
Container Num:	5
Year Installed:	1970
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10

Click here for Geo Tracker PDF:

A5 **SHELL** **LUST** **S106610962**
Target **230 MACARTHUR BLVD W** **N/A**
Property **OAKLAND, CA 94611**

Site 5 of 17 in cluster A

Actual:
78 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1345
Facility Status:	Preliminary site assessment underway
Case Number:	3673
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank

SHELL (Continued) **S106610962**

Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/30/1988
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

A6 Target Property | **MACARTHUR SHELL** | **UST** | **U003713299**
230 W MACARTHUR BLVD | **N/A**
OAKLAND, CA 94611

Site 6 of 17 in cluster A

Actual: 78 ft.

UST:
Facility ID: 181
Permitting Agency: OAKLAND, CITY OF
Latitude: 37.824951
Longitude: -122.255241

ALAMEDA CO. UST:
Facility ID: FA0321501
Facility Status: Active
Program Element: 4103
Description: UNDERGROUND STORAGE TANK 3 CONTAINERS
Inspection Date: 07/19/2017
Closed: Not reported
Owner Name: Xiao Zheng
Owner ID: OW0324606
Fstatus Decode: Open

A7 Target Property | **SERVICE STATION - SAP 135676** | **RCRA-LQG** | **1010783706**
230 W MACARTHUR | **Alameda County CS** | **CAR000190330**
OAKLAND, CA 77253

Site 7 of 17 in cluster A

Actual: 78 ft.

RCRA-LQG:
Date form received by agency: 06/03/2010
Facility name: SERVICE STATION - SAP 135676
Facility address: 230 W MACARTHUR
OAKLAND, CA 77253
EPA ID: CAR000190330
Mailing address: P O BOX 3127
HOUSTON, CA 77253
Contact: DON F WISDOM
Contact address: P O BOX 3127
HOUSTON, TX 77253
Contact country: US
Contact telephone: (713) 241-7011
Telephone ext.: 7011
Contact email: DON.F.WISDOM@SHELL.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any

SERVICE STATION - SAP 135676 (Continued) **1010783706**

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:	SHELL OIL PRODUCTS US
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/01/1998
Owner/Op end date:	Not reported
Owner/operator name:	EQUILON ENT LLC/ DBA SHELL OIL PROD US
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/01/1998
Owner/Op end date:	Not reported
Owner/operator name:	EQUILON ENT LLC/ DBA SHELL OIL PROD US
Owner/operator address:	P O BOX 3127 HOUSTON, TX 77253
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/01/1998
Owner/Op end date:	Not reported
Owner/operator name:	SHELL OIL PRODUCTS US
Owner/operator address:	PO BOX 2099 HOUSTON, CA 77252
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/01/1998
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

SERVICE STATION - SAP 135676 (Continued) **1010783706**

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: 02/20/2008
Site name: SHELL OIL PRODUCTS SAP 135676
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000303
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Underway
Record Id: RO0000303
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0000303
PE: 5602
Facility Status: Pollution Charaterization

Status: Case Closed
Record Id: RO0000303
PE: 5602
Facility Status: Case Closed

A8 Target Property | **SHELL**
230 W MAC ARTHUR BLVD
OAKLAND, CA 94611 | **HAZNET** | **S113010257**
N/A

Site 8 of 17 in cluster A

Actual: 78 ft.

HAZNET:

envid:	S113010257
Year:	2005
GEPAID:	CAD981685100
Contact:	NORA CORTEZ/ENVT'L DATABASE
Telephone:	7132412258
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DRIVE
Mailing City,St,Zip:	HOUSTON, TX 770672508
Gen County:	Not reported
TSD EPA ID:	CAT000646117
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Land Fill
Tons:	64.05
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113010257
Year:	2004
GEPAID:	CAD981685100
Contact:	NORA CORTEZ/ENVT'L DATABASE
Telephone:	7132412258
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DRIVE
Mailing City,St,Zip:	HOUSTON, TX 770672508
Gen County:	Not reported
TSD EPA ID:	WAD991281767
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	0.02
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113010257
Year:	2003
GEPAID:	CAD981685100
Contact:	NORA CORTEZ/ENVT'L DATABASE
Telephone:	7132412258
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DRIVE
Mailing City,St,Zip:	HOUSTON, TX 770672508
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	0.01
Cat Decode:	Not reported
Method Decode:	Not reported

SHELL (Continued) **S113010257**

Facility County: Alameda

envid: S113010257
Year: 1998
GEPAID: CAD981685100
Contact: EQUILON ENTERPRISES LLC
Telephone: 7132412258
Mailing Name: Not reported
Mailing Address: PO BOX 4453
Mailing City,St,Zip: HOUSTON, TX 772104453
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Empty containers less than 30 gallons
Disposal Method: Recycler
Tons: 1.0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

A9 Target Property **SHELL OIL PRODUCTS SAP 135676** **HAZNET** **S113178579**
230 W MACARTHUR **N/A**
OAKLAND, CA 94611

Site 9 of 17 in cluster A

Actual: 78 ft.

HAZNET:
envid: S113178579
Year: 2010
GEPAID: CAR000190330
Contact: JEANNE TRAYLOR
Telephone: 7132416992
Mailing Name: Not reported
Mailing Address: PO BOX 3127
Mailing City,St,Zip: HOUSTON, TX 772530000
Gen County: Not reported
TSD EPA ID: UTD981552177
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.01
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113178579
Year: 2009
GEPAID: CAR000190330
Contact: DON F WISDOM EXT 2238
Telephone: 2818742238
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH RM 300-F07
Mailing City,St,Zip: HOUSTON, TX 770670000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

SHELL OIL PRODUCTS SAP 135676 (Continued) **S113178579**

(H010-H129) Or (H131-H135)
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113178579
Year: 2009
GEPAID: CAR000190330
Contact: DON F WISDOM EXT 2238
Telephone: 2818742238
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH RM 300-F07
Mailing City,St,Zip: HOUSTON, TX 770670000
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: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.176
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113178579
Year: 2008
GEPAID: CAR000190330
Contact: DON F WISDOM EXT 2238
Telephone: 2818742238
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH RM 300-F07
Mailing City,St,Zip: HOUSTON, TX 770670000
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: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.26
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113178579
Year: 2008
GEPAID: CAR000190330
Contact: DON F WISDOM EXT 2238
Telephone: 2818742238
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH RM 300-F07
Mailing City,St,Zip: HOUSTON, TX 770670000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To

SHELL OIL PRODUCTS SAP 135676 (Continued) **S113178579**

Include On-Site Treatment And/Or Stabilization)
Tons: 0.22935
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

A10 Target Property **SHELL #13-5676** **RGA LUST** **S114685950**
230 MACARTHUR **N/A**
OAKLAND, CA

Site 10 of 17 in cluster A

Actual: 78 ft.

RGA LUST:

2012	SHELL #13-5676	230 MACARTHUR
2011	SHELL #13-5676	230 MACARTHUR
2010	SHELL #13-5676	230 MACARTHUR
2009	SHELL #13-5676	230 MACARTHUR
2008	SHELL #13-5676	230 MACARTHUR
2007	SHELL #13-5676	230 MACARTHUR

A11 Target Property **MCARTHUR SHELL** **SWEEPS UST** **S101580138**
230 W MACARTHUR BLVD **CA FID UST** **N/A**
OAKLAND, CA 94611

Site 11 of 17 in cluster A

Actual: 78 ft.

SWEEPS UST:

Status: Active
Comp Number: 57095
Number: 1
Board Of Equalization: 44-000074
Referral Date: 12-15-93
Action Date: 05-05-94
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 01-000-057095-000001
Tank Status: A
Capacity: 5000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 8

Status: Active
Comp Number: 57095
Number: 1
Board Of Equalization: 44-000074
Referral Date: 12-15-93
Action Date: 05-05-94
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 01-000-057095-000002

MCARTHUR SHELL (Continued) **S101580138**

Tank Status: A
Capacity: 5000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 57095
Number: 1
Board Of Equalization: 44-000074
Referral Date: 12-15-93
Action Date: 05-05-94
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 01-000-057095-000003
Tank Status: A
Capacity: 8000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 57095
Number: 1
Board Of Equalization: 44-000074
Referral Date: 12-15-93
Action Date: 05-05-94
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 01-000-057095-000004
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 57095
Number: 1
Board Of Equalization: 44-000074
Referral Date: 12-15-93
Action Date: 05-05-94
Created Date: 02-29-88
Owner Tank Id: 5
SWRCB Tank Id: 01-000-057095-000005
Tank Status: A
Capacity: 8000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED

MCARTHUR SHELL (Continued) **S101580138**

Number Of Tanks: Not reported

Status: Active
Comp Number: 57095
Number: 1
Board Of Equalization: 44-000074
Referral Date: 12-15-93
Action Date: 05-05-94
Created Date: 02-29-88
Owner Tank Id: 5508-07-SU-1
SWRCB Tank Id: 01-000-057095-000006
Tank Status: A
Capacity: 12000
Active Date: 12-15-93
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 57095
Number: 1
Board Of Equalization: 44-000074
Referral Date: 12-15-93
Action Date: 05-05-94
Created Date: 02-29-88
Owner Tank Id: 5508-07-RU-1
SWRCB Tank Id: 01-000-057095-000007
Tank Status: A
Capacity: 12000
Active Date: 12-15-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 57095
Number: 1
Board Of Equalization: 44-000074
Referral Date: 12-15-93
Action Date: 05-05-94
Created Date: 02-29-88
Owner Tank Id: 5508-07-PL-1
SWRCB Tank Id: 01-000-057095-000008
Tank Status: A
Capacity: 12000
Active Date: 12-15-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01001457
Regulated By: UTNKA
Regulated ID: 00057095

MCARTHUR SHELL (Continued) **S101580138**

Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156555863
Mail To:	Not reported
Mailing Address:	230 W MACARTHUR BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94611
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 **SHELL** **RGA LUST** **S114689681**
Target **230 MACARTHUR BLVD W** **N/A**
Property **OAKLAND, CA**

Site 12 of 17 in cluster A

Actual:
78 ft.

RGA LUST:

2006	SHELL	230 MACARTHUR BLVD W
2005	SHELL	230 MACARTHUR BLVD W
2003	SHELL	230 MACARTHUR BLVD W
2002	SHELL	230 MACARTHUR BLVD W
2001	SHELL	230 MACARTHUR BLVD W
2000	SHELL	230 MACARTHUR BLVD W
1998	SHELL	230 MACARTHUR BLVD W
1997	SHELL	230 MACARTHUR BLVD W
1996	SHELL	230 MACARTHUR BLVD W
1995	SHELL	230 MACARTHUR BLVD W
1994	SHELL	230 MACARTHUR BLVD W
1993	SHELL	230 MACARTHUR BLVD W

A13 **DODSON LTD** **Alameda County CS** **S108215284**
240 W MACARTHUR BLVD **N/A**
< 1/8 **OAKLAND, CA 94611**
1 ft.

Site 13 of 17 in cluster A

Relative:
Higher

Actual:
78 ft.

Alameda County CS:

Status:	Leak Confirmation
Record Id:	RO0000142
PE:	5602
Facility Status:	Leak Confirmation
Status:	11
Record Id:	RO0000142
PE:	5602
Facility Status:	Not reported
Status:	Preliminary Site Assessment Underway
Record Id:	RO0000142
PE:	5602
Facility Status:	Preliminary Site Assessment Underway

DODSON LTD (Continued) **S108215284**

Status: Pollution Characterization
Record Id: RO0000142
PE: 5602
Facility Status: Pollution Charaterization

A14 **EDR Hist Auto** **1015353728**
N/A

< 1/8
1 ft.

240 W MACARTHUR BLVD
OAKLAND, CA 94611

Site 14 of 17 in cluster A

Relative:
Higher

Actual:
78 ft.

EDR Historical Auto Stations:

Name: OAKLAND AUTO WORKS
Year: 1999
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2000
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2001
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2002
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2003
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2005
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2006
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2007
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTOWORKS
Year: 2008
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2009
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2010
Address: 240 W MACARTHUR BLVD

Name: OAKLAND AUTO WORKS
Year: 2012

(Continued) **1015353728**

Address: 240 W MACARTHUR BLVD

A15
WNW
< 1/8
0.009 mi.
45 ft.

MORRISON R E
250 W MACARTHUR BLVD
OAKLAND, CA

EDR Hist Auto **1009013857**
N/A

Site 15 of 17 in cluster A

Relative:
Higher

Actual:
78 ft.

EDR Historical Auto Stations:

Name: MORRISON R E
Year: 1943
Type: GASOLINE AND OIL SERVICE STATIONS

Name: CRAIG OIL CO OAKLAND STATIONS
Year: 1943
Type: GASOLINE AND OIL SERVICE STATIONS

A16
WSW
< 1/8
0.018 mi.
97 ft.

NAISMITH DENTAL GRP
235 W MAC ARTHUR BLVD
OAKLAND, CA 94611

RCRA-SQG **1000819197**
FINDS **CAD983651670**
HAZNET
ECHO

Site 16 of 17 in cluster A

Relative:
Lower

Actual:
74 ft.

RCRA-SQG:

Date form received by agency:	10/30/1992
Facility name:	NAISMITH DENTAL GRP
Facility address:	235 W MAC ARTHUR BLVD OAKLAND, CA 94611
EPA ID:	CAD983651670
Mailing address:	W MAC ARTHUR BLVD OAKLAND, CA 94611
Contact:	KAREN HOWARD
Contact address:	235 W MAC ARTHUR BLVD OAKLAND, CA 94611
Contact country:	US
Contact telephone:	(510) 655-9787
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:	JOHN BURNS NAISMITH DENTAL
Owner/operator address:	235 W MACARTHUR BLVD OAKLAND, CA 94611
Owner/operator country:	Not reported
Owner/operator telephone:	(510) 655-9787
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

NAISMITH DENTAL GRP (Continued) **1000819197**

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: 110002886878

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.

HAZNET:

envid:	1000819197
Year:	2003
GEPAID:	CAD983651670
Contact:	KAREN COLLINS ENVIRONMENTAL
Telephone:	5106559787
Mailing Name:	Not reported
Mailing Address:	235 W MACARTHUR BLVD
Mailing City,St,Zip:	OAKLAND, CA 946115640
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.18
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000819197
Year:	2002
GEPAID:	CAD983651670
Contact:	KAREN COLLINS ENVIRONMENTAL
Telephone:	5106559787
Mailing Name:	Not reported

NAISMITH DENTAL GRP (Continued) **1000819197**

Mailing Address:	235 W MACARTHUR BLVD
Mailing City,St,Zip:	OAKLAND, CA 946115640
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.75
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000819197
Year:	2001
GEPAID:	CAD983651670
Contact:	KAREN COLLINS ENVIRONMENTAL
Telephone:	5106559787
Mailing Name:	Not reported
Mailing Address:	235 W MACARTHUR BLVD
Mailing City,St,Zip:	OAKLAND, CA 946115640
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.91
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000819197
Year:	2000
GEPAID:	CAD983651670
Contact:	KAREN COLLINS ENVIRONMENTAL
Telephone:	5106559787
Mailing Name:	Not reported
Mailing Address:	235 W MACARTHUR BLVD
Mailing City,St,Zip:	OAKLAND, CA 946115640
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	1.28
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000819197
Year:	1999
GEPAID:	CAD983651670
Contact:	JOHN BURNS NAISMITH DENTAL
Telephone:	5106559787
Mailing Name:	Not reported
Mailing Address:	235 W MACARTHUR BLVD
Mailing City,St,Zip:	OAKLAND, CA 946115640
Gen County:	Not reported

NAISMITH DENTAL GRP (Continued) **1000819197**

TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	1.4176
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:

Envid:	1000819197
Registry ID:	110002886878
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002886878

A17
West
< 1/8
0.025 mi.
131 ft.

KAISER FOUNDATION HOSP OAKLAND **RCRA-LQG** **1016447604**
3600 BROADWAY **FINDS** **CAR000241927**
OAKLAND, CA 94611

Site 17 of 17 in cluster A

Relative:
Lower

Actual:
76 ft.

RCRA-LQG:

Date form received by agency:	02/29/2016
Facility name:	KAISER FOUNDATION HOSPITAL - OAKLAND
Facility address:	275 W. MACARTHUR BLVD OAKLAND, CA 94611
EPA ID:	CAR000241927
Mailing address:	BROADWAY OAKLAND, CA 94611
Contact:	MARK M PATTERSON
Contact address:	BROADWAY OAKLAND, CA 94611
Contact country:	US
Contact telephone:	(510) 752-7466
Telephone ext.:	27466
Contact email:	MARK.M.PATTERSON@KP.ORG
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:	KAISER FOUNDATION HOSPITALS AND HEALTH
Owner/operator address:	1800 HARRISON ST OAKLAND, CA 94612

KAISER FOUNDATION HOSP OAKLAND (Continued) **1016447604**

Owner/operator country: US
Owner/operator telephone: 510-625-4737
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/29/2004
Owner/Op end date: Not reported

Owner/operator name: KAISER FOUNDATION HOSPITAL OAKLAND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/03/2013
Owner/Op end date: Not reported

Owner/operator name: KAISER FOUNDATION HOSPITALS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1956
Owner/Op end date: Not reported

Owner/operator name: KAISER FOUNDATION HOSPITALS
Owner/operator address: ONE KAISER PLAZA
OAKLAND, CA 94611
Owner/operator country: US
Owner/operator telephone: (510) 752-6341
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/31/1956
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: 181
. Waste name: 181

KAISER FOUNDATION HOSP OAKLAND (Continued) **1016447604**

. Waste code: 214
. Waste name: 214

. Waste code: 322
. Waste name: 322

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 551
. Waste name: 551

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: U010
. Waste name: AZIRINO [2’,3’:3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

KAISER FOUNDATION HOSP OAKLAND (Continued) **1016447604**

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Historical Generators:
Date form received by agency: 09/10/2013
Site name: KAISER FOUNDATION HOSP OAKLAND
Classification: Large Quantity Generator

. Waste code: 122
. Waste name: 122

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 261
. Waste name: 261

. Waste code: 311
. Waste name: 311

. Waste code: 322

KAISER FOUNDATION HOSP OAKLAND (Continued) **1016447604**

. Waste name: 322

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 512
. Waste name: 512

. Waste code: 513
. Waste name: 513

. Waste code: 541
. Waste name: 541

. Waste code: 551
. Waste name: 551

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: F003

KAISER FOUNDATION HOSP OAKLAND (Continued) **1016447604**

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]- ,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U115
. Waste name: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U188
. Waste name: PHENOL

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR)

KAISER FOUNDATION HOSP OAKLAND (Continued) **1016447604**

STREPTOZOTOCIN

. Waste code: U237
. Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

Violation Status: No violations found

FINDS:

Registry ID: 110057090311

Environmental Interest/Information System
STATE MASTER

Registry ID: 110056300649

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.

B18 **MOSS CLEANING & DYE WORKS** **EDR Hist Cleaner** **1009140005**
South **3640 PIEDMONT AVE** **N/A**
< 1/8 **OAKLAND, CA**
0.037 mi.
196 ft. **Site 1 of 6 in cluster B**

Relative:
Lower

Actual:
67 ft.

EDR Historical Cleaners:
Name: MOSS CLEANING & DYE WORKS
Year: 1925
Type: CLEANERS DYERS AND PRESSERS

Name: MOSS CLEANING & DYEING WORKS
Year: 1933
Type: CLEANERS GARMENTS CURTAINS AND DRAPERIES

B19 **KREPPER V E** **EDR Hist Cleaner** **1009141322**
SSW **3600 PIEDMONT AVE** **N/A**
< 1/8 **OAKLAND, CA**
0.044 mi.
234 ft. **Site 2 of 6 in cluster B**

Relative:
Lower

Actual:
67 ft.

EDR Historical Cleaners:
Name: KREPPER V E
Year: 1933
Type: CLOTHES PRESSERS AND CLEANERS

B20 SSW < 1/8 0.051 mi. 267 ft. — **VIRGINIA CLEANERS**, **3607 PIEDMONT AVE**, **OAKLAND, CA** — **EDR Hist Cleaner** — **1009139996** / **N/A**

Site 3 of 6 in cluster B

Relative: Lower
Actual: 66 ft.

EDR Historical Cleaners:

Name:	VIRGINIA CLEANERS
Year:	1967
Type:	CLEANERS AND DYERS

C21 NNE < 1/8 0.052 mi. 273 ft. — **FABIOLA MEDICAL OFFICE BUILDING**, **3801 HOWE ST**, **OAKLAND, CA** — **UST** — **U004240867** / **N/A**

Site 1 of 4 in cluster C

Relative: Higher
Actual: 89 ft.

ALAMEDA CO. UST:

Facility ID:	FA0321182
Facility Status:	Closed or Inactive
Program Element:	4102
Description:	UNDERGROUND STORAGE TANK 2 CONTAINERS
Inspection Date:	12/30/1899
Closed:	YES
Owner Name:	Kaiser Foundation Hospitals
Owner ID:	OW0324381
Fstatus Decode:	Closed

B22 SSW < 1/8 0.054 mi. 284 ft. — **FULLER OBRIEN PAINTS**, **3556 PIEDMONT AVE**, **OAKLAND, CA 94611** — **RCRA-SQG**, **FINDS**, **ECHO** — **1001085713** / **CAR000010371**

Site 4 of 6 in cluster B

Relative: Lower
Actual: 66 ft.

RCRA-SQG:

Date form received by agency:	03/22/1996
Facility name:	FULLER OBRIEN PAINTS
Facility address:	3556 PIEDMONT AVE OAKLAND, CA 94611
EPA ID:	CAR000010371
Contact:	STEVEN LOLLI
Contact address:	16651 SPRAGUE RD STRONGSVILLE, OH 44136
Contact country:	US
Contact telephone:	(216) 826-5255
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:	THE GLIDDEN CO
Owner/operator address:	925 EUCLID AVE STE 900 CLEVELAND, OH 44115

FULLER OBRIEN PAINTS (Continued) **1001085713**

Owner/operator country: Not reported
Owner/operator telephone: (216) 344-8900
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: 110002910912

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.

ECHO:
Envid: 1001085713
Registry ID: 110002910912
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002910912

C23 **NNW** **< 1/8** **0.057 mi.** **300 ft.** **Relative:** **Higher** **Actual:** **91 ft.**	**KAISER FOUNDATION HOSPITAL - OAKLAND** **280 W MACARTHUR BLVD** **OAKLAND, CA 94611** **Site 2 of 4 in cluster C**	**RCRA-LQG** **SLIC** **Alameda County CS** **SWEEPS UST** **HIST UST** **CA FID UST** **EMI**	**1000380350** **CAD981427131**

RCRA-LQG:

Date form received by agency:	02/29/2016
Facility name:	KAISER FOUNDATION HOSPITAL - OAKLAND
Facility address:	280 W MACARTHUR BLVD OAKLAND, CA 94611
EPA ID:	CAD981427131
Mailing address:	BROADWAY OAKLAND, CA 94611
Contact:	MARK M PATTERSON
Contact address:	BROADWAY OAKLAND, CA 94611
Contact country:	US
Contact telephone:	(510) 752-7466
Telephone ext.:	27466
Contact email:	MARK.M.PATTERSON@KP.ORG
EPA Region:	09
Land type:	Private
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:	KAISER FOUNDATION HOSPITALS
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/1956
Owner/Op end date:	Not reported

Owner/operator name:	KAISER FOUNDATION HOSPITALS
Owner/operator address:	ONE KAISER PLAZA OAKLAND, CA 94612
Owner/operator country:	US
Owner/operator telephone:	(510) 271-5910
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/31/1956
Owner/Op end date:	Not reported

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

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: 181
. Waste name: 181

. Waste code: 322
. Waste name: 322

. Waste code: 331
. Waste name: 331

. Waste code: 551
. Waste name: 551

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U058

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Historical Generators:
Date form received by agency: 03/01/2014
Site name: KAISER FOUNDATION HOSPITAL - OAKLAND
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]- ,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

. Waste code: U237
. Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

Date form received by agency: 03/02/2012
Site name: KAISER FOUNDATION HOSPITAL
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D008
. Waste name: LEAD

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]- ,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U115
. Waste name: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U188
. Waste name: PHENOL

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

. Waste code: U237
. Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

Date form received by agency: 03/29/2010
Site name: KAISER FOUNDATION HOSPITAL
Classification: Large Quantity Generator

. Waste code: 122
. Waste name: 122

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 261
. Waste name: 261

. Waste code: 331
. Waste name: 331

. Waste code: 352
. Waste name: 352

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

. Waste code: 512
. Waste name: 512

. Waste code: 513
. Waste name: 513

. Waste code: 541
. Waste name: 541

. Waste code: 551
. Waste name: 551

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: U010
. Waste name: AZIRINO [2’,3’:3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

. Waste code: U237
. Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

Date form received by agency: 03/31/2008
Site name: KAISER FOUNDATION HOSPITAL
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

MIXTURES.

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]- ,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Date form received by agency: 04/01/2004
Site name: KAISER FOUNDATION HOSPITAL - OAKLAND
Classification: Small Quantity Generator

Date form received by agency: 04/01/2004
Site name: KAISER FOUNDATION HOSPITAL - OAKLAND
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

Date form received by agency: 02/25/2002
Site name: KAISER FOUNDATION HOSPITAL OAKLAND
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: KAISE FOWDATROW HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999
Site name: KAISER FOUNDATION HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Site name: KAISER FOUNDATION HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 03/28/1996
Site name: KAISER FOUNDATION HOSPITAL OAKLAND
Classification: Large Quantity Generator

Date form received by agency: 04/20/1994
Site name: KAISER PERMANENTE MEDICAL CENTER
Classification: Large Quantity Generator

Date form received by agency: 03/01/1992
Site name: KAISERPERMANENTE MED CENTER
Classification: Large Quantity Generator

Date form received by agency: 01/09/1990
Site name: KAISER PERMANENTE MEDICAL CENTER
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 8578

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 2674

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 354

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 145

Waste code: D005
Waste name: BARIUM

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Amount (Lbs): 338

Waste code: D008
Waste name: LEAD
Amount (Lbs): 960

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 10

Waste code: D011
Waste name: SILVER
Amount (Lbs): 30277.2

Waste code: D016
Waste name: 2,4-D
Amount (Lbs): 600

Waste code: D024
Waste name: M-CRESOL
Amount (Lbs): 1544

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 1760

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 7385

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 1776

Waste code: P012
Waste name: ARSENIC OXIDE AS2O3
Amount (Lbs): 124

Waste code: P098
Waste name: POTASSIUM CYANIDE
Amount (Lbs): 16

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Waste code: U010
Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-
Amount (Lbs): 1544

Waste code: U035
Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-
Amount (Lbs): 1544

Waste code: U058
Waste name: CYCLOPHOSPHAMIDE
Amount (Lbs): 1544

Waste code: U059
Waste name: DAUNOMYCIN
Amount (Lbs): 1544

Waste code: U115
Waste name: ETHYLENE OXIDE (I,T)
Amount (Lbs): 49

Waste code: U150
Waste name: MELPHALAN
Amount (Lbs): 1440

Waste code: U188
Waste name: PHENOL
Amount (Lbs): 338

Facility Has Received Notices of Violations:
Regulation violated: FR - 265.16
Area of violation: Generators - General
Date violation determined: 07/19/2004
Date achieved compliance: 09/30/2004
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 09/02/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(a)(2) & (3) and (c)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 07/19/2004
Date achieved compliance: 09/30/2004
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 09/02/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

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Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/19/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/30/2004
Evaluation lead agency: EPA

Evaluation date: 07/19/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/30/2004
Evaluation lead agency: EPA

SLIC REG 2:
Region: 2
Facility ID: SLT2O181284
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: 11
Record Id: RO0002805
PE: 5502
Facility Status: Not reported

SWEEPS UST:
Status: Active
Comp Number: 64405
Number: 9
Board Of Equalization: 44-000692
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #2 F.O.
SWRCB Tank Id: 01-000-064405-000001
Tank Status: A
Capacity: 20000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Number Of Tanks: 2

Status: Active
Comp Number: 64405
Number: 9
Board Of Equalization: 44-000692
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #1 F.O.
SWRCB Tank Id: 01-000-064405-000002
Tank Status: A
Capacity: 20000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000064405
Facility Type: Other
Other Type: HEALTH CARE
Contact Name: GEORGE STEVENSON
Telephone: 4154285910
Owner Name: KAISER PERMANENTE MEDICAL CENT
Owner Address: 280 WEST MACARTHUR BLVD.
Owner City,St,Zip: OAKLAND, CA 94611
Total Tanks: 0002

Tank Num: 001
Container Num: #2 F.O.
Year Installed: Not reported
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: #1 F.O.
Year Installed: Not reported
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CA FID UST:
Facility ID: 01002803
Regulated By: UTNKA
Regulated ID: 00064405
Cortese Code: Not reported

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

SIC Code:	Not reported
Facility Phone:	4154285910
Mail To:	Not reported
Mailing Address:	280 W MACARTHUR BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94611
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

EMI:

Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1993
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8069
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	16
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8069
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8069
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8069
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8069
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8069
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8069
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	1
Air Basin:	SF

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Facility ID:	1529
Air District Name:	BA
SIC Code:	8069
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Total Organic Hydrocarbon Gases Tons/Yr:	0.04
Reactive Organic Gases Tons/Yr:	0.016888
Carbon Monoxide Emissions Tons/Yr:	0.218
NOX - Oxides of Nitrogen Tons/Yr:	0.908
SOX - Oxides of Sulphur Tons/Yr:	0.021
Particulate Matter Tons/Yr:	0.019
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.018976

Year:	2005
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
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:	.0424035
Carbon Monoxide Emissions Tons/Yr:	.306
NOX - Oxides of Nitrogen Tons/Yr:	1.312
SOX - Oxides of Sulphur Tons/Yr:	.027
Particulate Matter Tons/Yr:	.047
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.046304

Year:	2006
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.063
Reactive Organic Gases Tons/Yr:	.0365466
Carbon Monoxide Emissions Tons/Yr:	.289
NOX - Oxides of Nitrogen Tons/Yr:	1.216
SOX - Oxides of Sulphur Tons/Yr:	.025
Particulate Matter Tons/Yr:	.042
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.041424

Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.796
Reactive Organic Gases Tons/Yr:	.1288153
Carbon Monoxide Emissions Tons/Yr:	.335
NOX - Oxides of Nitrogen Tons/Yr:	1.251
SOX - Oxides of Sulphur Tons/Yr:	.031
Particulate Matter Tons/Yr:	.144

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Part. Matter 10 Micrometers and Smllr Tons/Yr:.141948

Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.497
Reactive Organic Gases Tons/Yr:	.193632
Carbon Monoxide Emissions Tons/Yr:	.335
NOX - Oxides of Nitrogen Tons/Yr:	1.251
SOX - Oxides of Sulphur Tons/Yr:	.016
Particulate Matter Tons/Yr:	.144
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.141948

Year:	2009
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.72799999999999998
Reactive Organic Gases Tons/Yr:	0.1091847
Carbon Monoxide Emissions Tons/Yr:	0.25
NOX - Oxides of Nitrogen Tons/Yr:	0.97999999999999998
SOX - Oxides of Sulphur Tons/Yr:	1.7000000000000001E-2
Particulate Matter Tons/Yr:	9.0373041527855594E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	8.8856000000000004E-2

Year:	2010
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.45700000000000002
Reactive Organic Gases Tons/Yr:	7.3235800000000004E-2
Carbon Monoxide Emissions Tons/Yr:	0.17499999999999999
NOX - Oxides of Nitrogen Tons/Yr:	0.73199999999999998
SOX - Oxides of Sulphur Tons/Yr:	0.014
Particulate Matter Tons/Yr:	6.5128475772668698E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	6.4000000000000001E-2

Year:	2011
County Code:	1
Air Basin:	SF
Facility ID:	1529

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.772
Reactive Organic Gases Tons/Yr:	0.0997909
Carbon Monoxide Emissions Tons/Yr:	0.179
NOX - Oxides of Nitrogen Tons/Yr:	0.686
SOX - Oxides of Sulphur Tons/Yr:	0.014
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.772
Reactive Organic Gases Tons/Yr:	0.0997909
Carbon Monoxide Emissions Tons/Yr:	0.179
NOX - Oxides of Nitrogen Tons/Yr:	0.686
SOX - Oxides of Sulphur Tons/Yr:	0.014
Particulate Matter Tons/Yr:	0.07610210443
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.075

Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.07
Reactive Organic Gases Tons/Yr:	0.1270281
Carbon Monoxide Emissions Tons/Yr:	0.203
NOX - Oxides of Nitrogen Tons/Yr:	0.719
SOX - Oxides of Sulphur Tons/Yr:	0.016
Particulate Matter Tons/Yr:	0.093
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.093

Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	1529
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.106715004

KAISER FOUNDATION HOSPITAL - OAKLAND (Continued) **1000380350**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.437384968
NOX - Oxides of Nitrogen Tons/Yr:	1.403614602
SOX - Oxides of Sulphur Tons/Yr:	0.031275995
Particulate Matter Tons/Yr:	0.183811838
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.182798689

C24 **KAISER PERMANENTE MEDICAL CTR.** **UST** **U003804774**
NNW **280 W MACARTHUR BLVD** **N/A**
< 1/8 **OAKLAND, CA 94611**
0.057 mi.
300 ft. **Site 3 of 4 in cluster C**

Relative:
Higher

Actual:
91 ft.

UST:

Facility ID:	130
Permitting Agency:	OAKLAND, CITY OF
Latitude:	37.8258335
Longitude:	-122.2562362

ALAMEDA CO. UST:

Facility ID:	FA0321052
Facility Status:	Closed or Inactive
Program Element:	4101
Description:	UNDERGROUND STORAGE TANK 1 CONTAINER
Inspection Date:	12/30/1899
Closed:	YES
Owner Name:	Kaiser Foundation Hospitals
Owner ID:	OW0324381
Fstatus Decode:	Closed

C25 **KAISER HOSPITAL** **HIST UST** **S113006054**
NNW **280 WEST MACARTHUR BLVD** **HAZNET** **N/A**
< 1/8 **OAKLAND, CA 94611**
0.057 mi.
300 ft. **Site 4 of 4 in cluster C**

Relative:
Higher

Actual:
91 ft.

HIST UST:

File Number:	000360A0
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000360A0.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

KAISER HOSPITAL (Continued) **S113006054**

Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:

envid: S113006054
Year: 2015
GEPAID: CAD981427131
Contact: MATTHEW HURAY
Telephone: 3018166254
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST
Mailing City,St,Zip: OAKLAND, CA 946125103
Gen County: Alameda
TSD EPA ID: ARD069748192
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.004
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Alameda

envid: S113006054
Year: 2015
GEPAID: CAD981427131
Contact: MATTHEW HURAY
Telephone: 3018166254
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST
Mailing City,St,Zip: OAKLAND, CA 946125103
Gen County: Alameda
TSD EPA ID: ARD069748192
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.007
Cat Decode: Laboratory waste chemicals
Method Decode: Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Alameda

envid: S113006054
Year: 2015
GEPAID: CAD981427131
Contact: MATTHEW HURAY
Telephone: 3018166254
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST
Mailing City,St,Zip: OAKLAND, CA 946125103
Gen County: Alameda
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.45

KAISER HOSPITAL (Continued) **S113006054**

Cat Decode:	Unspecified oil-containing waste
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Alameda

envid:	S113006054
Year:	2015
GEPAID:	CAD981427131
Contact:	MATTHEW HURAY
Telephone:	3018166254
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST
Mailing City,St,Zip:	OAKLAND, CA 946125103
Gen County:	Alameda
TSD EPA ID:	CAD982042475
TSD County:	Solano
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:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Alameda

envid:	S113006054
Year:	2015
GEPAID:	CAD981427131
Contact:	MATTHEW HURAY
Telephone:	3018166254
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST
Mailing City,St,Zip:	OAKLAND, CA 946125103
Gen County:	Alameda
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Laboratory waste chemicals
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.15
Cat Decode:	Laboratory waste chemicals
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Alameda

Click this hyperlink while viewing on your computer to access
394 additional CA_HAZNET: record(s) in the EDR Site Report.

B26
SSW
< 1/8
0.062 mi.
330 ft.

DILLMAN BRUCE
3512 PIEDMONT AVE
OAKLAND, CA

Site 5 of 6 in cluster B

EDR Hist Auto **1009013441**
N/A

Relative:
Lower

Actual:
65 ft.

EDR Historical Auto Stations:

Name:	DILLMAN BRUCE
Year:	1925
Type:	AUTOMOBILE REPAIRERS
Name:	CARLSON E M
Year:	1928
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	HINEMAN W F
Year:	1933
Type:	AUTOMOBILE REPAIRING

D27
ENE
< 1/8
0.069 mi.
365 ft.

NEW STAR LAUNDRY
3818 PIEDMONT AVE
OAKLAND, CA

Site 1 of 7 in cluster D

EDR Hist Cleaner **1009142735**
N/A

Relative:
Higher

Actual:
84 ft.

EDR Historical Cleaners:

Name:	NEW STAR LAUNDRY
Year:	1967
Type:	LAUNDRIES

D28
ENE
< 1/8
0.076 mi.
399 ft.

3824 PIEDMONT AVE
OAKLAND, CA 94611

Site 2 of 7 in cluster D

EDR Hist Cleaner **1015052091**
N/A

Relative:
Higher

Actual:
84 ft.

EDR Historical Cleaners:

Name:	SNOW WHITE CLEANERS
Year:	2001
Address:	3824 PIEDMONT AVE
Name:	SNOW WHITE CLEANERS
Year:	2002
Address:	3824 PIEDMONT AVE
Name:	SNOW WHITE CLEANERS
Year:	2003
Address:	3824 PIEDMONT AVE
Name:	SNOW WHITE CLEANERS
Year:	2004
Address:	3824 PIEDMONT AVE
Name:	SNOW WHITE CLEANERS
Year:	2005
Address:	3824 PIEDMONT AVE
Name:	SNOW WHITE CLEANERS

(Continued) **1015052091**

Year: 2006
Address: 3824 PIEDMONT AVE

Name: SNOW WHITE CLEANERS
Year: 2007
Address: 3824 PIEDMONT AVE

Name: SNOW WHITE CLEANERS
Year: 2008
Address: 3824 PIEDMONT AVE

Name: SNOW WHITE CLEANERS & DRESS
Year: 2010
Address: 3824 PIEDMONT AVE

Name: SNOW WHITE CLEANERS
Year: 2011
Address: 3824 PIEDMONT AVE

Name: SNOW WHITE CLEANERS
Year: 2012
Address: 3824 PIEDMONT AVE

B29 **FIELD & LUND** **EDR Hist Auto** **1009011164**
SSW **3506 PIEDMONT AVE** **N/A**
< 1/8 **OAKLAND, CA**
0.081 mi.
427 ft. **Site 6 of 6 in cluster B**

Relative:
Lower

Actual:
64 ft.

EDR Historical Auto Stations:
Name: PASHA G W
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: FIELD & LUND
Year: 1943
Type: AUTOMOBILE REPAIRING

Name: A & P SVC CTR
Year: 2010
Address: 3506 PIEDMONT AVE

E30 **PERRYMAN F H** **EDR Hist Auto** **1009122957**
West **3666 BROADWAY ST** **N/A**
< 1/8 **OAKLAND, CA**
0.085 mi.
448 ft. **Site 1 of 6 in cluster E**

Relative:
Lower

Actual:
74 ft.

EDR Historical Auto Stations:
Name: PERRYMAN F H
Year: 1933
Type: AUTOMOBILE REPAIRING

E31 West < 1/8 0.087 mi. 459 ft. — **SEVALS & HEDLUND**, **3656 BROADWAY ST**, **OAKLAND, CA** — **EDR Hist Auto** — **1009013454** / **N/A**

Site 2 of 6 in cluster E

Relative: Lower
Actual: 72 ft.

EDR Historical Auto Stations:

Name:	SEVALS & HEDLUND
Year:	1933
Type:	AUTOMOBILE REPAIRING

D32 ENE < 1/8 0.090 mi. 476 ft. — **JONES W H**, **11 RIO VISTA AVE**, **OAKLAND, CA** — **EDR Hist Auto** — **1009015954** / **N/A**

Site 3 of 7 in cluster D

Relative: Higher
Actual: 82 ft.

EDR Historical Auto Stations:

Name:	JONES W H
Year:	1928
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	HARTER E B
Year:	1933
Type:	AUTOMOBILE REPAIRING

F33 SW < 1/8 0.090 mi. 476 ft. — **KAISER FOUNDATION HOSPITAL - CENTRAL UTILITY PLANT**, **3459 PIEDMONT AVE**, **OAKLAND, CA** — **UST** — **U004228579** / **N/A**

Site 1 of 3 in cluster F

Relative: Lower
Actual: 65 ft.

ALAMEDA CO. UST:

Facility ID:	FA0321187
Facility Status:	Active
Program Element:	4104
Description:	UNDERGROUND STORAGE TANK 4 CONTAINERS
Inspection Date:	04/12/2017
Closed:	Not reported
Owner Name:	Kaiser Foundation Hospitals
Owner ID:	OW0324381
Fstatus Decode:	Open

F34 SW < 1/8 0.090 mi. 476 ft. — **KAISER FOUNDATION HOSPITAL - CENTRAL UTILITY PLANT**, **3459 PIEDMONT AVE**, **OAKLAND, CA 94611** — **AST** — **A100421364** / **N/A**

Site 2 of 3 in cluster F

Relative: Lower
Actual: 65 ft.

AST:

Certified Unified Program Agencies:	Not reported
Owner:	Kaiser Foundation Hospitals
Total Gallons:	Not reported
CERSID:	10474066
Facility ID:	Not reported
Business Name:	Kaiser Foundation Hospital - Oakland
Phone:	510-752-1000

KAISER FOUNDATION HOSPITAL - CENTRAL UTILITY PLANT (Continued) **A100421364**

Fax:	510-752-6341
Mailing Address:	3600 Broadway, Lower Level, Safety Dept. (A0701)
Mailing Address City:	Oakland
Mailing Address State:	CA
Mailing Address Zip Code:	94611
Operator Name:	Kaiser Foundation Hospital - Oakland
Operator Phone:	510-752-1000
Owner Phone:	510-271-5910
Owner Mail Address:	One Kaiser Plaza
Owner State:	CA
Owner Zip Code:	94612
Owner Country:	United States
Property Owner Name:	Kaiser Foundation Hospitals
Property Owner Phone:	510-271-5910
Property Owner Mailing Address:	One Kaiser Plaza
Property Owner City:	Oakland
Property Owner Stat :	CA
Property Owner Zip Code:	94612
Property Owner Country:	United States
EPAID:	CAR000241927

D35 **BETMON LOUIS** **EDR Hist Cleaner** **1009140924**
ENE **3857 PIEDMONT AVE** **N/A**
< 1/8 **OAKLAND, CA**
0.090 mi.
477 ft. **Site 4 of 7 in cluster D**

Relative:
Higher

Actual:
86 ft.

EDR Historical Cleaners:

Name:	BETMON LOUIS
Year:	1925
Type:	LAUNDRIES

D36 **EDR Hist Cleaner** **1015052256**
NE **3839 PIEDMONT AVE** **N/A**
< 1/8 **OAKLAND, CA 94611**
0.094 mi.
494 ft. **Site 5 of 7 in cluster D**

Relative:
Higher

Actual:
88 ft.

EDR Historical Cleaners:

Name:	KANESAKI SEISO FUYO CLEANERS
Year:	1999
Address:	3839 PIEDMONT AVE
Name:	FUYO CLEANERS
Year:	1999
Address:	3839 PIEDMONT AVE
Name:	KANESAKI SEISO FUYO CLEANERS
Year:	2000
Address:	3839 PIEDMONT AVE
Name:	FUYO CLEANERS
Year:	2000
Address:	3839 PIEDMONT AVE

E37 **91026** **LUST** **U001599370**
WNW **3701 BROADWAY** **Alameda County CS** **N/A**
< 1/8 **OAKLAND, CA 94611** **HIST UST**
0.097 mi.
513 ft. **Site 3 of 6 in cluster E**

Relative:
Higher

Actual:
80 ft.

LUST:

Region:	STATE
Global Id:	T0600100334
Latitude:	37.8248702620797
Longitude:	-122.258884906769
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/21/2016
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	MD
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-0363
LOC Case Number:	RO0000500
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Benzene, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Currently the property is owned by Kaiser Permanente and is occupied by a newly constructed Medical Office Building (MOB). As a Chevron service station, two documented generations of USTs and dispensers were present; both generations of USTs were previously located in the NW portion of the site. It is not known when the first generation USTs were installed; however, documented releases date to 1977. The second generation replaced first generation USTs in 1988; free-phase was present on groundwater. Wells EA-1 and EA-2 were installed in 1988. Wells A to F and B-1 to B-4 were installed in 1992, wells B-5 to B-7 are reported to have been installed in 1979 (?). The majority of the site has now been excavated to between 15 and 20 feet bgs to either allow construction of the MOB, or to remove soil with elevated hydrocarbon impacts. All onsite wells were destroyed prior to this work. Onsite, prior to destruction, one to two of the most downgradient wells consistently contained free-phase, while offsite wells across the street were, and remain ND. Due to the depth of utilities in the vicinity preferential pathways appear to be involved. Downgradient delineation to the south has not been conducted; a work plan is pending. Additionally a storm drain, occupying a former stream channel, is located to the immediately north of the site and has a history of reported discharges further downstream. This potential preferential pathway has not been fully explored to date; a work plan addendum is pending on this work. Conversely upgradient release sites in the immediate vicinity may have also contributed to the historic storm drain discharges; this remains unresolved. The pending work plan addendum will also cover the installation of new post-soil remediation wells. Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600100334
Contact Type:	Local Agency Caseworker
Contact Name:	MARK DETTERMAN

91026 (Continued) **U001599370**

Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: mark.detterman@acgov.org
Phone Number: 5105676876

Global Id: T0600100334
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0600100334
Status: Open - Case Begin Date
Status Date: 03/11/1982

Global Id: T0600100334
Status: Open - Site Assessment
Status Date: 01/21/1988

Global Id: T0600100334
Status: Open - Remediation
Status Date: 05/18/1990

Global Id: T0600100334
Status: Open - Site Assessment
Status Date: 05/22/1990

Global Id: T0600100334
Status: Open - Site Assessment
Status Date: 06/17/1992

Global Id: T0600100334
Status: Open - Remediation
Status Date: 08/03/2006

Global Id: T0600100334
Status: Open - Eligible for Closure
Status Date: 11/20/2014

Global Id: T0600100334
Status: Completed - Case Closed
Status Date: 03/21/2016

Regulatory Activities:

Global Id: T0600100334
Action Type: REMEDIATION
Date: 06/21/2007
Action: Excavation

Global Id: T0600100334
Action Type: ENFORCEMENT

91026 (Continued) **U001599370**

Date: 01/21/2009
Action: Staff Letter - #20090121

Global Id: T0600100334
Action Type: Other
Date: 04/22/1988
Action: Leak Stopped

Global Id: T0600100334
Action Type: Other
Date: 06/28/1988
Action: Leak Reported

Global Id: T0600100334
Action Type: RESPONSE
Date: 06/01/2011
Action: Monitoring Report - Annually

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 10/27/2009
Action: Staff Letter - #20091027

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 01/20/2015
Action: Staff Letter - #20150120

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 11/20/2014
Action: Notification - Public Notice of Case Closure

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 04/29/2014
Action: Staff Letter - #20140429

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 11/19/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600100334
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Annually

Global Id: T0600100334
Action Type: RESPONSE
Date: 04/07/1992
Action: Soil and Water Investigation Report

91026 (Continued) **U001599370**

Global Id: T0600100334
Action Type: RESPONSE
Date: 10/03/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600100334
Action Type: RESPONSE
Date: 10/03/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600100334
Action Type: RESPONSE
Date: 03/19/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 10/29/2014
Action: Staff Letter - #20141029

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 03/13/2015
Action: State Water Board Closure Order

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 03/13/2014
Action: Meeting - #20140313

Global Id: T0600100334
Action Type: RESPONSE
Date: 01/19/1993
Action: Soil and Water Investigation Report

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 03/21/2016
Action: Closure/No Further Action Letter

Global Id: T0600100334
Action Type: RESPONSE
Date: 12/31/2010
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600100334
Action Type: RESPONSE
Date: 01/02/2015
Action: Soil and Water Investigation Workplan

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 12/14/2015
Action: Staff Letter - #20151214

Global Id: T0600100334
Action Type: RESPONSE

91026 (Continued) **U001599370**

Date: 11/30/2010
Action: Risk Assessment Report

Global Id: T0600100334
Action Type: RESPONSE
Date: 05/14/2010
Action: Monitoring Report - Quarterly

Global Id: T0600100334
Action Type: RESPONSE
Date: 02/28/2010
Action: Soil and Water Investigation Report

Global Id: T0600100334
Action Type: RESPONSE
Date: 10/03/2014
Action: Soil and Water Investigation Workplan

Global Id: T0600100334
Action Type: RESPONSE
Date: 02/26/2016
Action: Well Destruction Report

Global Id: T0600100334
Action Type: ENFORCEMENT
Date: 02/22/2012
Action: File review

Global Id: T0600100334
Action Type: Other
Date: 03/11/1982
Action: Leak Discovery

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000500
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000500
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

Status: Pollution Characterization
Record Id: RO0000500
PE: 5602
Facility Status: Pollution Charaterization

Status: Remediation Plan
Record Id: RO0000500
PE: 5602
Facility Status: Remediation Plan

Status: Remedial Action Underway
Record Id: RO0000500

91026 (Continued) **U001599370**

PE: 5602
Facility Status: Remedial Action Underway

HIST UST:

File Number:	00035E15
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035E15.pdf
Region:	STATE
Facility ID:	00000061970
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	CANDIA, JOSEPH M
Telephone:	4156582927
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
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

Click here for Geo Tracker PDF:

E38 WNW < 1/8 0.097 mi. 513 ft. | **CHEVRON 3701 BROADWAY OAKLAND, CA 94611** | **LUST SWEEPS UST** | **S105030497 N/A**

Site 4 of 6 in cluster E

Relative: Higher

Actual: 80 ft.

LUST REG 2:

Region:	2
Facility Id:	01-0363
Facility Status:	Pollution Characterization
Case Number:	467
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	1/7/1984
Pollution Characterization Began:	11/13/1990
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SWEEPS UST:

Status:	Not reported
Comp Number:	61970
Number:	Not reported
Board Of Equalization:	44-000643
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-061970-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	WASTE
Content:	Not reported
Number Of Tanks:	4

Status:	Not reported
Comp Number:	61970
Number:	Not reported
Board Of Equalization:	44-000643
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-061970-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported

CHEVRON (Continued) **S105030497**

Comp Number:	61970
Number:	Not reported
Board Of Equalization:	44-000643
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-061970-000003
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	61970
Number:	Not reported
Board Of Equalization:	44-000643
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-061970-000004
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

E39 **91026** **CA FID UST** **S101624472**
WNW **3701 BROADWAY** **N/A**
< 1/8 **OAKLAND, CA 94611**
0.097 mi.
513 ft. **Site 5 of 6 in cluster E**

Relative:
Higher

Actual:
80 ft.

CA FID UST:

Facility ID:	01000494
Regulated By:	UTNKI
Regulated ID:	00061970
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156582927
Mail To:	Not reported
Mailing Address:	3701 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94611
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

E40 WNW < 1/8 0.097 mi. 513 ft. — **CHEVRON**, **3701 BROADWAY**, **OAKLAND, CA 95483** — **HIST CORTESE** — **S110060545** / **N/A**

Site 6 of 6 in cluster E

Relative: Higher

Actual: 80 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0363

G41 NNW < 1/8 0.098 mi. 519 ft. — **KAISER HOSPITAL**, **UNKNOWN 38TH & BROADWAY**, **OAKLAND, CA 94607** — **SLIC** — **S106235278** / **N/A**

Site 1 of 10 in cluster G

Relative: Higher

Actual: 90 ft.

SLIC REG 2:

Region:	2
Facility ID:	SLT2O145151
Facility Status:	Leak being confirmed
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

G42 NW < 1/8 0.106 mi. 559 ft. — **LAWRENCE-RAND MOTOR CO**, **3737 BROADWAY ST**, **OAKLAND, CA** — **EDR Hist Auto** — **1009014253** / **N/A**

Site 2 of 10 in cluster G

Relative: Higher

Actual: 83 ft.

EDR Historical Auto Stations:

Name:	LAWRENCE-RAND MOTOR CO
Year:	1925
Type:	AUTOMOBILE REPAIRERS

G43 NW < 1/8 0.107 mi. 563 ft. — **HONDA OF OAKLAND**, **3741 BROADWAY**, **OAKLAND, CA 94611** — **RCRA-SQG**, **LUST**, **Alameda County CS**, **FINDS**, **EMI**, **HAZNET**, **HIST CORTESE**, **ECHO** — **1000598058** / **CAD983620998**

Site 3 of 10 in cluster G

Relative: Higher

Actual: 84 ft.

RCRA-SQG:

Date form received by agency: 06/26/2000

HONDA OF OAKLAND (Continued) **1000598058**

Facility name:	HONDA OF OAKLAND
Facility address:	3741 BROADWAY OAKLAND, CA 94611
EPA ID:	CAD983620998
Contact:	ROY STARLING
Contact address:	3741 BROADWAY OAKLAND, CA 94611
Contact country:	US
Contact telephone:	(510) 420-9200
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:	OAKLAND AUTOMOTIVE GROUP
Owner/operator address:	3741 BROADWAY OAKLAND, CA 94611
Owner/operator country:	Not reported
Owner/operator telephone:	(510) 420-9200
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

Violation Status: No violations found

LUST:

Region:	STATE
Global Id:	T0600101504
Latitude:	37.8255651750614
Longitude:	-122.258477210999
Case Type:	LUST Cleanup Site

HONDA OF OAKLAND (Continued) **1000598058**

Status:	Completed - Case Closed
Status Date:	11/07/2012
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	MD
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-1629
LOC Case Number:	RO0000205
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Chromium, Lead, Nickel, Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	The Kaiser Permanente Medical Office Building (MOB) and parking structure is located at 3701-3799 Broadway Avenue in Oakland, California (the Site). The MOB as a whole encompasses the city block fronting Broadway between Macarthur Boulevard to the south and 38th Street to the north. The MOB is located on the southern portion of the block, and a parking structure is located on the northern end of the block. The Site is bounded to the east by Broadway; to the south by Macarthur Boulevard; to the west by Western Creek, a single-family residence, vacant residences and Manila Street; and to the north by 38th Street. The southern MOB was excavated to a depth of approximately 15 feet below grade surface (bgs), and the parking structure was excavated to a depth of approximately 30 feet bgs. The property located at 3701 Broadway (corner of Broadway and Macarthur Boulevard) was occupied by a Chevron gasoline service station from approximately 1924 to 1988. Although the former Chevron site is a part of the current MOB and parking structure, the property is NOT included in this closure package. This division is observed due to a separation by case numbers. The property located at 3735-3737 Broadway was formerly occupied by a car washing facility, which previously contained three 10,000-gallon underground storage tanks (USTs) and an aboveground sump used to contain rinsate from washing operations. These USTs were removed in February 1987. This property, as well as the properties located at 3741 Broadway and 3751-3757 Broadway, were most recently occupied by Honda of Oakland and operated as a new car dealership and automotive repair facility. Historical documentation indicates that the properties at 3741 and 3751-3757 Broadway had been used as an automotive service facility since at least the 1920s. The property located at 3781 Broadway was previously used as office space by Applied Research. The building located at 3785 Broadway was occupied by a Firestone automotive service and repair facility, and the building at 3793 Broadway was most recently a pet boarding facility. The property at 3799 previously operated as a Midas automotive service and repair facility. As the parcels were purchased and were assembled together into the current configuration, the sites were investigated both separately and as a whole. Data contained in the tables and depicted in the figures includes data from all of the sites, including the Chevron site, which is not a part of this closure. The figures and data included in this package should be consulted to determine to which parcel they apply to (specifically Chevron and non-Chevron); there is some overlap. Initial (non-Chevron parcel) investigations began in January 2004 with the installation of soil bores SB-1 to SB-12 (soil bores SB-1 to SB-3 were installed on the former Chevron parcel.) This investigation included the collection of soil vapor data from selected soil bores (SB2-V, SB5-V, and SV7-V). An additional soil bore investigation was conducted in January 2006 when

HONDA OF OAKLAND (Continued) **1000598058**

soil bores SB-13 to SB-50 were installed over a period of several weeks (soil bores SB-13 to SB-30 were installed on the former Chevron parcel.) Soil bores SB-51 to SB-76 were installed in September 2006. All were installed on non-Chevron parcels. (Additional concurrent investigations were occurring on the former Chevron parcel including: soil bores CSB-1 to CSB-22 installed in June 2006; and sixteen sidewall soil bores [as an alternative to sidewall sampling] installed in June 2006 [SWW-1 to SWW-3, SWW-5; SWS-1 to SWS-7; SWE-1 to SWE-5]. These data are not included in this closure package.) Remediation activities were conducted on the Site between April and September 2007. The site was broken in to seven Areas of Concern (AOC). AOC 1 was the former Chevron parcel and is not further considered in this closure package. AOC 2 and AOC 7 were located within the area excavated to 15 ft bgs for the MOB. AOC 3, AOC4, AOC 5 and AOC 6 were located in the area excavated to a depth of 30 feet bgs for the parking structure. Confirmation soil data for Areas 2 through 7 were compared to residential ESLs established by the RWQCB. Residential soil ESLs were used as remediation goals. Soils with constituents above the residential ESL target concentrations, but below hazardous waste limits specified by the landfill, were transported to Altamont Landfill in Alameda County, a Class II disposal facility. No soil was disposed of at a hazardous waste (Class I) landfill. Soil from AOC 1 (Chevron) was profiled and disposed of at an off-site facility under the direction of Chevron. There was one 35 foot deep piezometer known to have been installed at the Kaiser Hospital at 280 W. MacArthur in June 1991. One 37 foot well / piezometer was destroyed on July 20, 2007. It is not certain that these are the same construct. Confirmation soil samples were generally collected following removal of impacted soils. For AOCs 2 to 7 confirmation soil samples were collected to document the removal of soils with concentrations of constituents above the residential ESL levels. If confirmation soil samples did not meet ESL levels, the excavation was extended. Soil handling and disposal was conducted in general accordance with the Soil Management Plan (SMP) and SMP Addendum prepared for the Site. At 3735 3757 Broadway (AOC 2, AOC 3, AOC 4, and AOC 7) concentrations up to 690 mg/kg TPHg, 77 mg/kg TPHd, 95 mg/kg TPHmo, 7.4 mg/kg naphthalene, and 190 mg/kg lead were detected in soil. Remediation excavation confirmation soil samples for these AOCs indicate residual concentrations were present at concentrations up to 7.2 mg/kg TPHg, 100 mg/kg TPHd, 120 mg/kg TPHmo, and 23 mg/kg lead. It should be noted that this area was generally excavated an additional 5 feet below the depth of the remedial excavation (15 feet bgs total depth); however, confirmation samples were not collected. Soil bore SB-52 was located inside the area of excavation for AOC 2 and documented residual concentrations up to 180 mg/kg TPHg, 4 mg/kg total xylenes, and 1.3 mg/kg naphthalene at a depth of 20 feet bgs (up to 5 feet below the bottom of the MOB excavation); however, this may also have been partly removed at the time of the remediation excavation when a portion of the excavation was extended to a depth of 18 feet bgs in the immediate vicinity of B-52. At 3785 Broadway (AOC 6) concentrations up to 72 mg/kg TPHd, 350 mg/kg TPHmo, 44 mg/kg TPHhf, and 350 mg/kg lead were detected in soil. Remediation excavation confirmation soil samples for AOC 6 indicate residual concentrations up to 17 mg/kg lead were present. It should be noted that this area was excavated an additional 20 feet (30 feet bgs final depth). At 3799 Broadway (AOC 5) concentrations up to 4,700 mg/kg TPHd, 16,000 mg/kg TPHmo, and 17,000 mg/kg TPH

HONDA OF OAKLAND (Continued) **1000598058**

hydraulic fluid (TPHhf) were detected. Remediation excavation confirmation soil samples for AOC 5 indicate residual concentrations were present at concentrations up to 8.6 mg/kg TPHd and 19 mg/kg TPHhf. It should be noted that this area was excavated an additional 10 feet (30 feet bgs final depth). During site excavation an unknown 500-gallon waste oil UST was discovered, removed, and contaminated soil overexcavated. It was located northeast of AOC 7 immediately east of Western Creek at 3735 3757 Broadway. Concentrations up to 2,100 mg/kg TPHg, 5,400 mg/kg TPHd, 27,000 mg/kg Oil and Grease, 5.0 mg/kg toluene, and 150 mg/kg lead were documented. The remediation excavation confirmation soil samples (collected at an approximate depth of 15 feet bgs) indicated residual concentrations up to 520 mg/kg TPHd, 900 mg/kg Oil and Grease, and 120 mg/kg lead were present. However, according to relevant development plan details provided by Kaiser Permanente, it appears that this area was subexcavated an additional 4.0 to 4.3 feet to construct the delivery area pavement section along the western edge of the MOB. Additional charges for the removal of contaminated soil were also documented. No further confirmation soil samples appear to have been collected. Approximately 490 cubic yards of soil was removed from AOC 2; 280 cubic yards from AOC 3; 75 cubic yards from AOC 4; 2,000 cubic yards from AOC 5; 100 cubic yards from AOC 6; and 85 cubic yards from AOC 7. A total of 3,764 tons (excluding AOC 1) of soil with concentrations greater than the residential ESL of petroleum hydrocarbons and/or metals were transported to the Altamont landfill for disposal. Construction dewatering of groundwater was managed by the installation and operation of an on-site dewatering and treatment system. Groundwater was initially discharged to the sanitary sewer beginning on May 7, 2007, under East Bay Municipal Utility District (EBMUD) Publicly Owned Treatment Works (POTW) permit number 5061528-1. A National Pollutant Discharge Elimination System (NPDES) General Permit (No. CAG912002 - Fuels General Permit) dated October 4, 2007, was obtained from the California RWQCB. Prior to discharge under the NPDES permit, an influent and effluent sample was collected from the system per NPDES permit start-up requirements. Discharge of the treated groundwater was routed to Western Creek under the NPDES permit beginning on October 12, 2007, and was discontinued on May 19, 2008. The system was decommissioned on June 26, 2008 and had extracted a total of approximately 7,640,050 gallons of groundwater and treated approximately 2.10 pounds of hydrocarbons. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101504
Contact Type:	Local Agency Caseworker
Contact Name:	MARK DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PARKWAY
City:	ALAMEDA
Email:	mark.detterman@acgov.org
Phone Number:	5105676876

Global Id: T0600101504

HONDA OF OAKLAND (Continued) **1000598058**

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0600101504
Status: Open - Case Begin Date
Status Date: 02/27/1987

Global Id: T0600101504
Status: Open - Site Assessment
Status Date: 02/27/1987

Global Id: T0600101504
Status: Open - Remediation
Status Date: 06/11/2008

Global Id: T0600101504
Status: Completed - Case Closed
Status Date: 11/07/2012

Regulatory Activities:

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 01/23/2009
Action: Staff Letter - #20090123

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 11/08/2012
Action: Closure/No Further Action Letter - #20121108

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 08/02/2012
Action: Notice of Responsibility - #20120802

Global Id: T0600101504
Action Type: REMEDIATION
Date: 04/16/2007
Action: Excavation

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 08/01/2012
Action: Staff Letter - #20120801

HONDA OF OAKLAND (Continued) **1000598058**

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 02/27/2012
Action: File review

Global Id: T0600101504
Action Type: Other
Date: 02/27/1987
Action: Leak Reported

Global Id: T0600101504
Action Type: RESPONSE
Date: 08/17/2012
Action: Fact Sheets - Public Participation

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 10/28/2009
Action: Staff Letter - #20091028

Global Id: T0600101504
Action Type: RESPONSE
Date: 01/15/2010
Action: Soil and Water Investigation Workplan

Global Id: T0600101504
Action Type: ENFORCEMENT
Date: 08/01/2012
Action: Notification - Public Participation Document - #20120801

LUST REG 2:
Region: 2
Facility Id: 01-1629
Facility Status: Preliminary site assessment underway
Case Number: 1235
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000205

HONDA OF OAKLAND (Continued) **1000598058**

PE: 5602
Facility Status: Leak Confirmation

Status: Remedial Action Underway
Record Id: RO0000205
PE: 5602
Facility Status: Remedial Action Underway

Status: Case Closed
Record Id: RO0000205
PE: 5602
Facility Status: Case Closed

FINDS:

Registry ID: 110002870484

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

EMI:

Year:	1999
County Code:	1
Air Basin:	SF
Facility ID:	12420
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	1
Air Basin:	SF
Facility ID:	12420
Air District Name:	BA

HONDA OF OAKLAND (Continued) **1000598058**

SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	1
Air Basin:	SF
Facility ID:	12420
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	1
Air Basin:	SF
Facility ID:	12420
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.128
Reactive Organic Gases Tons/Yr:	.0512
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	1
Air Basin:	SF
Facility ID:	12420
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.128
Reactive Organic Gases Tons/Yr:	.0512

HONDA OF OAKLAND (Continued) **1000598058**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HAZNET:

envid: 1000598058
Year: 2005
GEPAID: CAD983620998
Contact: ROBERT ISBELL
Telephone: 5104209200
Mailing Name: Not reported
Mailing Address: 3330 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946110000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.31
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000598058
Year: 2004
GEPAID: CAD983620998
Contact: ROBERT ISBELL
Telephone: 5104209200
Mailing Name: Not reported
Mailing Address: 3330 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946110000
Gen County: Not reported
TSD EPA ID: CAD053044053
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 1.07
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000598058
Year: 2004
GEPAID: CAD983620998
Contact: ROBERT ISBELL
Telephone: 5104209200
Mailing Name: Not reported
Mailing Address: 3330 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946110000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 4.02

HONDA OF OAKLAND (Continued) **1000598058**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000598058
Year: 2004
GEPAID: CAD983620998
Contact: ROBERT ISBELL
Telephone: 5104209200
Mailing Name: Not reported
Mailing Address: 3330 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946110000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: 0.95
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000598058
Year: 2003
GEPAID: CAD983620998
Contact: ROBERT ISBELL
Telephone: 5104209200
Mailing Name: Not reported
Mailing Address: 3330 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946110000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 6.69
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

Click this hyperlink while viewing on your computer to access
16 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1629

ECHO:
Envid: 1000598058
Registry ID: 110002870484
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002870484

G44
NW
< 1/8
0.107 mi.
563 ft.

CONTRA COSTA LAUNDRY & DRY CLEANERS
3741 BROADWAY ST
OAKLAND, CA

EDR Hist Cleaner **1009141348**
N/A

Site 4 of 10 in cluster G

Relative:
Higher

Actual:
84 ft.

EDR Historical Cleaners:

Name:	CONTRA COSTA LAUNDRY & DRY CLEANERS
Year:	1943
Type:	LAUNDRIES-STEAM

G45
NW
< 1/8
0.110 mi.
580 ft.

SIMPSON A C
3753 BROADWAY ST
OAKLAND, CA

EDR Hist Auto **1009013456**
N/A

Site 5 of 10 in cluster G

Relative:
Higher

Actual:
85 ft.

EDR Historical Auto Stations:

Name:	SIMPSON A C
Year:	1933
Type:	AUTOMOBILE REPAIRING

D46
NE
< 1/8
0.111 mi.
588 ft.

BETMON FELICIE
3861 PIEDMONT AVE
OAKLAND, CA

EDR Hist Cleaner **1009139755**
N/A

Site 6 of 7 in cluster D

Relative:
Higher

Actual:
88 ft.

EDR Historical Cleaners:

Name:	BETMON LOUIS
Year:	1928
Type:	LAUNDRIES
Name:	BETMON LOUIS
Year:	1933
Type:	LAUNDRIES-HAND
Name:	BETMON FELICIE
Year:	1943
Type:	LAUNDRIES-HAND

D47
ENE
< 1/8
0.115 mi.
607 ft.

SUNSET LAUNDRY
3864 PIEDMONT AVE
OAKLAND, CA

EDR Hist Cleaner **1009140446**
N/A

Site 7 of 7 in cluster D

Relative:
Higher

Actual:
85 ft.

EDR Historical Cleaners:

Name:	SUNSET LAUNDRY
Year:	1925
Type:	LAUNDRIES
Name:	SUNSET LAUNDRY
Year:	1928
Type:	LAUNDRIES-ORIENTAL
Name:	KUSHIMA H

SUNSET LAUNDRY (Continued) **1009140446**

Year: 1933
Type: LAUNDRIES-ORIENTAL

Name: BILL S LAUNDERETTE
Year: 1967
Type: LAUNDRIES

48
WSW
< 1/8
0.117 mi.
617 ft.

3524 BROADWAY
OAKLAND, CA 94611

EDR Hist Cleaner **1015048192**
N/A

Relative:
Lower

Actual:
69 ft.

EDR Historical Cleaners:

Name: RED ARROW CLEANERS
Year: 1999
Address: 3524 BROADWAY

Name: RED ARROW CLEANERS
Year: 2000
Address: 3524 BROADWAY

Name: RED ARROW CLEANERS
Year: 2001
Address: 3524 BROADWAY

Name: RED ARROW CLEANERS
Year: 2002
Address: 3524 BROADWAY

Name: RED ARROW CLEANERS
Year: 2003
Address: 3524 BROADWAY

Name: RED ARROW CLEANERS
Year: 2004
Address: 3524 BROADWAY

Name: RED ARROW CLEANERS
Year: 2006
Address: 3524 BROADWAY

Name: RED ARROW CLEANERS
Year: 2007
Address: 3524 BROADWAY

H49
NE
< 1/8
0.117 mi.
618 ft.

3871 PIEDMONT AVE
OAKLAND, CA 94611

Site 1 of 4 in cluster H

EDR Hist Cleaner **1015052562**
N/A

Relative:
Higher

Actual:
88 ft.

EDR Historical Cleaners:

Name: HY VAC CRPT & UPHLSTRY CLNR
Year: 2001
Address: 3871 PIEDMONT AVE

(Continued) **1015052562**

Name: HY VAC CRPT & UPHLSTRY CLNR
Year: 2002
Address: 3871 PIEDMONT AVE

G50
NNW
< 1/8
0.119 mi.
627 ft.

COOK T H — **EDR Hist Auto** — **1009015855**
3781 BROADWAY ST — **N/A**
OAKLAND, CA

Site 6 of 10 in cluster G

Relative:
Higher

Actual:
87 ft.

EDR Historical Auto Stations:
Name: COOK T H
Year: 1933
Type: AUTOMOBILE REPAIRING

G51
NNW
< 1/8
0.119 mi.
627 ft.

COOK THEO H — **EDR Hist Auto** — **1009012215**
3781 BROADWAY PL — **N/A**
OAKLAND, CA

Site 7 of 10 in cluster G

Relative:
Higher

Actual:
87 ft.

EDR Historical Auto Stations:
Name: COOK THEO H
Year: 1928
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

H52
NE
< 1/8
0.119 mi.
629 ft.

EDR Hist Cleaner — **1015052588**
3875 PIEDMONT AVE — **N/A**
OAKLAND, CA 94611

Site 2 of 4 in cluster H

Relative:
Higher

Actual:
88 ft.

EDR Historical Cleaners:
Name: A Z ALTERATION & CLEANERS
Year: 2010
Address: 3875 PIEDMONT AVE

H53
NE
< 1/8
0.124 mi.
655 ft.

WARREN R M — **EDR Hist Cleaner** — **1009140811**
3883 PIEDMONT AVE — **N/A**
OAKLAND, CA

Site 3 of 4 in cluster H

Relative:
Higher

Actual:
89 ft.

EDR Historical Cleaners:
Name: WARREN R M
Year: 1925
Type: CLEANERS DYERS AND PRESSERS

G54
NNW
< 1/8
0.125 mi.
659 ft.

3785 BROADWAY
OAKLAND, CA 94611

Site 8 of 10 in cluster G

EDR Hist Auto **1015457410**
N/A

Relative:
Higher

Actual:
88 ft.

EDR Historical Auto Stations:

Name:	FIRESTONE TIRE & SERVICE CNTR
Year:	2003
Address:	3785 BROADWAY
Name:	FIRESTONE TIRE & SERVICE CENTER I
Year:	2007
Address:	3785 BROADWAY

G55
NNW
< 1/8
0.125 mi.
659 ft.

FIRESTONE #3658
3785 N BROADWAY
OAKLAND, CA 94611

Site 9 of 10 in cluster G

SWEEPS UST **S106027236**
HIST UST **N/A**
CA FID UST

Relative:
Higher

Actual:
88 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	5856
Number:	Not reported
Board Of Equalization:	44-000075
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-005856-000001
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	1

HIST UST:

File Number:	00035FA9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035FA9.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

FIRESTONE #3658 (Continued) **S106027236**

Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	01000764
Regulated By:	UTNKI
Regulated ID:	00005856
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156539680
Mail To:	Not reported
Mailing Address:	3785 N BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94611
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

G56 **FIRESTONE #3658** **LUST** **1000223057**
NNW **3785 BROADWAY** **Alameda County CS** **N/A**
< 1/8 **OAKLAND, CA 94611** **HIST UST**
0.125 mi. **HIST CORTESE**
659 ft. **Site 10 of 10 in cluster G**

Relative:
Higher

Actual:
88 ft.

LUST:

Region:	STATE
Global Id:	T0600100588
Latitude:	37.825851
Longitude:	-122.258442
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/22/1994
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-0638
LOC Case Number:	RO0000566
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:	T0600100588
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported

FIRESTONE #3658 (Continued) **1000223057**

Phone Number: Not reported

Status History:
Global Id: T0600100588
Status: Open - Case Begin Date
Status Date: 12/10/1990

Global Id: T0600100588
Status: Completed - Case Closed
Status Date: 02/22/1994

Regulatory Activities:
Global Id: T0600100588
Action Type: Other
Date: 12/10/1990
Action: Leak Reported

Global Id: T0600100588
Action Type: REMEDIATION
Date: 04/15/1991
Action: Excavation

LUST REG 2:
Region: 2
Facility Id: 01-0638
Facility Status: Case Closed
Case Number: 437
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 10/13/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000566
PE: 5602
Facility Status: Case Closed

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000005856
Facility Type: Other
Other Type: AUTO SVC. CENTER
Contact Name: SKIP CLOUD
Telephone: 4156539680

FIRESTONE #3658 (Continued) **1000223057**

Owner Name:	FIRESTONE TIRE & RUBBER CO.
Owner Address:	1200 FIRESTONE PARKWAY
Owner City,St,Zip:	AKRON, OH 44317
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:	Visual

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0638

F57
SW
1/8-1/4
0.125 mi.
662 ft.

KAISER FOUNDATION HEALTH PLAN **LUST** **U003300358**
3451 PIEDMONT **Alameda County CS** **N/A**
OAKLAND, CA 94611 **HIST CORTESE**

Site 3 of 3 in cluster F

Relative:
Lower

Actual:
64 ft.

LUST:

Region:	STATE
Global Id:	T0600102082
Latitude:	37.822318
Longitude:	-122.258621
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/27/1998
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-2266
LOC Case Number:	RO0000638
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600102082
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

KAISER FOUNDATION HEALTH PLAN (Continued) **U003300358**

Global Id: T0600102082
Status: Open - Case Begin Date
Status Date: 01/06/1994

Global Id: T0600102082
Status: Completed - Case Closed
Status Date: 01/27/1998

Regulatory Activities:
Global Id: T0600102082
Action Type: Other
Date: 01/06/1994
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: 01-2266
Facility Status: Case Closed
Case Number: 5487
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 12/18/1997
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000638
PE: 5602
Facility Status: Case Closed

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2266

I58 **EXPRESS AUTO CLINIC** **RCRA-SQG** **1001085526**
North **3810 BROADWAY** **LUST** **CAR000008490**
1/8-1/4 **OAKLAND, CA 94611** **Alameda County CS**
0.137 mi. **FINDS**
723 ft. **Site 1 of 5 in cluster I** **HAZNET**
HIST CORTESE
Relative: **ECHO**
Higher

RCRA-SQG:
Actual: Date form received by agency: 01/23/1996
99 ft. Facility name: EXPRESS AUTO CLINIC
Facility address: 3810 BROADWAY

EXPRESS AUTO CLINIC (Continued) **1001085526**

	OAKLAND, CA 94611
EPA ID:	CAR000008490
Mailing address:	GRAND AVE OAKLAND, CA 94610
Contact:	GERALD FRIEDKIN
Contact address:	300 GRAND AVE OAKLAND, CA 94610
Contact country:	US
Contact telephone:	(510) 465-7500
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:	GERALD FRIEDKIN
Owner/operator address:	300 GRAND AVE OAKLAND, CA 94610
Owner/operator country:	Not reported
Owner/operator telephone:	(510) 465-7500
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

LUST:

Region:	STATE
Global Id:	T0600101108
Latitude:	37.8260694066037
Longitude:	-122.257299721241
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/29/2014
Lead Agency:	ALAMEDA COUNTY LOP

EXPRESS AUTO CLINIC (Continued) **1001085526**

Case Worker:	MD
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-1205
LOC Case Number:	RO0000056
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Four 6,000-gallon leaded gasoline USTs were removed in February 1980 when the station closed, while a 550-gallon waste oil UST remained until it was removed in May 1991. Impacted soil was excavated from the waste oil UST location at that time. Well MW-1 was installed in October 1991 through the waste oil UST excavation. In January 1992 well MW-2 was installed. In September 1995 soil bores B-1 to B-6 were installed. Wells MW-3 and MW-4 were installed in October 1995. In September 1996 wells MW-5 to MW-10. Up to 1.89 feet of free-phase was present for four quarters in 1999. Wells MW-3 and MW-8 were destroyed prior to two remedial excavations by separate parties, conducted in March & April 2000. Well MW-11 was installed in August 2000. In May 2002 well MW-5 was replaced with MW-5B and well MW-12 was installed. Vapor sampling is currently planned. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101108
Contact Type:	Local Agency Caseworker
Contact Name:	MARK DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PARKWAY
City:	ALAMEDA
Email:	mark.detterman@acgov.org
Phone Number:	5105676876

Global Id:	T0600101108
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600101108
Status:	Open - Case Begin Date
Status Date:	05/15/1991

Global Id:	T0600101108
Status:	Open - Site Assessment
Status Date:	09/09/1999

Global Id:	T0600101108
Status:	Open - Remediation

EXPRESS AUTO CLINIC (Continued) **1001085526**

Status Date: 03/06/2000

Global Id: T0600101108
Status: Open - Assessment & Interim Remedial Action
Status Date: 09/27/2002

Global Id: T0600101108
Status: Open - Eligible for Closure
Status Date: 08/15/2013

Global Id: T0600101108
Status: Completed - Case Closed
Status Date: 05/29/2014

Regulatory Activities:
Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 03/22/2013
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 05/10/2012
Action: Staff Letter

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 05/10/2012
Action: Staff Letter - #20120510

Global Id: T0600101108
Action Type: Other
Date: 05/15/1991
Action: Leak Stopped

Global Id: T0600101108
Action Type: RESPONSE
Date: 10/06/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101108
Action Type: RESPONSE
Date: 03/19/2012
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 05/13/2009
Action: Staff Letter - #20090513

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 05/23/2013
Action: Staff Letter - #20130523

Global Id: T0600101108
Action Type: ENFORCEMENT

EXPRESS AUTO CLINIC (Continued) **1001085526**

Date: 03/26/2013
Action: Clean Up Fund - Letter to RP

Global Id: T0600101108
Action Type: Other
Date: 05/17/1991
Action: Leak Reported

Global Id: T0600101108
Action Type: RESPONSE
Date: 09/10/2012
Action: Soil and Water Investigation Report

Global Id: T0600101108
Action Type: RESPONSE
Date: 07/27/2012
Action: Monitoring Report - Quarterly

Global Id: T0600101108
Action Type: RESPONSE
Date: 01/11/2013
Action: Monitoring Report - Quarterly

Global Id: T0600101108
Action Type: RESPONSE
Date: 07/30/1990
Action: Correspondence

Global Id: T0600101108
Action Type: RESPONSE
Date: 06/05/2000
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101108
Action Type: RESPONSE
Date: 11/01/1991
Action: Soil and Water Investigation Report

Global Id: T0600101108
Action Type: RESPONSE
Date: 05/20/1999
Action: Soil and Water Investigation Workplan

Global Id: T0600101108
Action Type: RESPONSE
Date: 01/21/1992
Action: Well Installation Workplan

Global Id: T0600101108
Action Type: RESPONSE
Date: 11/15/1998
Action: CAP/RAP - Other Report

Global Id: T0600101108
Action Type: RESPONSE
Date: 09/13/1995
Action: Soil and Water Investigation Report

EXPRESS AUTO CLINIC (Continued) **1001085526**

Global Id: T0600101108
Action Type: RESPONSE
Date: 01/11/1996
Action: Soil and Water Investigation Report

Global Id: T0600101108
Action Type: RESPONSE
Date: 06/29/2009
Action: Soil Vapor Intrusion Investigation Workplan

Global Id: T0600101108
Action Type: RESPONSE
Date: 03/16/2012
Action: Soil and Water Investigation Workplan

Global Id: T0600101108
Action Type: RESPONSE
Date: 11/25/1996
Action: Soil and Water Investigation Report

Global Id: T0600101108
Action Type: RESPONSE
Date: 09/25/2002
Action: Soil and Water Investigation Report

Global Id: T0600101108
Action Type: RESPONSE
Date: 06/18/1991
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101108
Action Type: RESPONSE
Date: 02/23/2000
Action: Monitoring Report - Quarterly

Global Id: T0600101108
Action Type: RESPONSE
Date: 05/17/1991
Action: Other Report / Document

Global Id: T0600101108
Action Type: RESPONSE
Date: 08/16/1995
Action: Soil and Water Investigation Workplan

Global Id: T0600101108
Action Type: RESPONSE
Date: 05/19/2000
Action: Monitoring Report - Quarterly

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101108
Action Type: ENFORCEMENT

EXPRESS AUTO CLINIC (Continued) **1001085526**

Date: 05/16/2014
Action: State Water Board Closure Order

Global Id: T0600101108
Action Type: RESPONSE
Date: 11/20/2000
Action: Monitoring Report - Quarterly

Global Id: T0600101108
Action Type: RESPONSE
Date: 03/29/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600101108
Action Type: REMEDIATION
Date: 09/09/1999
Action: Excavation

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 12/15/2011
Action: Staff Letter - #20111215

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 12/15/2011
Action: Staff Letter - #20111215

Global Id: T0600101108
Action Type: RESPONSE
Date: 09/16/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 06/09/2013
Action: State Water Board Closure Order

Global Id: T0600101108
Action Type: ENFORCEMENT
Date: 11/26/1991
Action: Staff Letter

Global Id: T0600101108
Action Type: Other
Date: 05/17/1991
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 01-1205
Facility Status: Preliminary site assessment underway
Case Number: 435
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank

EXPRESS AUTO CLINIC (Continued) **1001085526**

Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 10/17/1991
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000056
PE: 5602
Facility Status: Leak Confirmation

Status: Pollution Characterization
Record Id: RO0000056
PE: 5602
Facility Status: Pollution Charaterization

Status: Remedial Action Underway
Record Id: RO0000056
PE: 5602
Facility Status: Remedial Action Underway

Status: Case Closed
Record Id: RO0000056
PE: 5602
Facility Status: Case Closed

FINDS:

Registry ID: 110057077899

Environmental Interest/Information System
STATE MASTER

Registry ID: 110002909611

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.

HAZNET:
envid: 1001085526
Year: 2013
GEPAID: CAC002746859
Contact: HYUNSANG LEE
Telephone: 5105953930
Mailing Name: Not reported
Mailing Address: 3810 BROADWAY

EXPRESS AUTO CLINIC (Continued) **1001085526**

Mailing City,St,Zip: OAKLAND, CA 94611
Gen County: Alameda
TSD EPA ID: UTD981552177
TSD County: 99
Waste Category: Not reported
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.153
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1001085526
Year: 1996
GEPAID: CAR000008490
Contact: GERALD FRIEDKIN
Telephone: 5104657500
Mailing Name: Not reported
Mailing Address: 300 GRAND AVE
Mailing City,St,Zip: OAKLAND, CA 946104826
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: 1.9000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1205

ECHO:
Envid: 1001085526
Registry ID: 110002909611
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002909611

I59 North 1/8-1/4 0.137 mi. 723 ft. | **QUICK FOOD & GAS** | **UST** | **U004228605**
3810 BROADWAY | **N/A**
OAKLAND, CA

Site 2 of 5 in cluster I

Relative: Higher

Actual: 99 ft.

ALAMEDA CO. UST:
Facility ID: FA0322883
Facility Status: Active
Program Element: 4103
Description: UNDERGROUND STORAGE TANK 3 CONTAINERS
Inspection Date: 04/08/2017
Closed: Not reported
Owner Name: Abdulnassaer Alsumairi
Owner ID: OW0303562
Fstatus Decode: Open

I60 North 1/8-1/4 0.137 mi. 723 ft. | **ZZBROADWAY VALERO** | **UST** | **U004249277**
3810 BROADWAY | **N/A**
OAKLAND, CA

Site 3 of 5 in cluster I

Relative: Higher

Actual: 99 ft.

ALAMEDA CO. UST:

Facility ID:	FA0321564
Facility Status:	Closed or Inactive
Program Element:	4103
Description:	UNDERGROUND STORAGE TANK 3 CONTAINERS
Inspection Date:	12/30/1899
Closed:	YES
Owner Name:	HYUNSANG LEE
Owner ID:	OW0324647
Fstatus Decode:	Closed

H61 ENE 1/8-1/4 0.152 mi. 800 ft. | **CHEVRON #9-0517 / HOMESTEAD FEDERAL SAVINGS** | **LUST** | **S103472391**
3900 PIEDMONT AVENUE | **Alameda County CS** | **N/A**
OAKLAND, CA 94610 | **HIST CORTESE**

Site 4 of 4 in cluster H

Relative: Higher

Actual: 89 ft.

LUST:

Region:	STATE
Global Id:	T0600102248
Latitude:	37.8248511942533
Longitude:	-122.254207134247
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	08/03/1998
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	MD
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-2440
LOC Case Number:	RO0000138
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	The site was a former service station between at least 1940 and 1978. Several generations of USTs and dispensers, as well as waste oil USTs have been present at the site. Upon station demolition and redevelopment as a banking institution in 1978 remaining USTs are reported to have been removed. In 1993 a Phase I ESA was conducted. In October 1993 eight soil bores (FNBO-1 to FNBO-8) were installed at the site to investigate the former service station. In July 1998 four wells (MW-1 to MW-4) were installed in the site vicinity. In July 2008 two soil bores were planned for installation in the site vicinity; only one of which was completed due to limitations. Additional soil bores and vapor points are planned.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600102248
Contact Type:	Local Agency Caseworker
Contact Name:	MARK DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PARKWAY
City:	ALAMEDA

CHEVRON #9-0517 / HOMESTEAD FEDERAL SAVINGS (Continued) **S103472391**

Email: mark.detterman@acgov.org
Phone Number: 5105676876

Global Id: T0600102248
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600102248
Status: Open - Case Begin Date
Status Date: 10/21/1993

Global Id: T0600102248
Status: Open - Site Assessment
Status Date: 08/03/1998

Regulatory Activities:
Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 08/16/2012
Action: Staff Letter - #20120816

Global Id: T0600102248
Action Type: Other
Date: 01/01/1978
Action: Leak Stopped

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 12/18/2013
Action: Staff Letter - #20131218

Global Id: T0600102248
Action Type: Other
Date: 11/15/1993
Action: Leak Reported

Global Id: T0600102248
Action Type: RESPONSE
Date: 06/15/2012
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600102248
Action Type: RESPONSE
Date: 03/31/2012
Action: Monitoring Report - Annually

Global Id: T0600102248
Action Type: RESPONSE
Date: 01/27/2017
Action: Soil Vapor Intrusion Investigation Report

CHEVRON #9-0517 / HOMESTEAD FEDERAL SAVINGS (Continued) **S103472391**

Global Id: T0600102248
Action Type: RESPONSE
Date: 03/24/2017
Action: Monitoring Report - Annually

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 01/20/2015
Action: Staff Letter - #20150120

Global Id: T0600102248
Action Type: RESPONSE
Date: 03/22/2013
Action: Monitoring Report - Annually

Global Id: T0600102248
Action Type: RESPONSE
Date: 10/19/2012
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0600102248
Action Type: RESPONSE
Date: 10/31/2012
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 07/06/2015
Action: Staff Letter - #20150706

Global Id: T0600102248
Action Type: RESPONSE
Date: 03/21/2014
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0600102248
Action Type: RESPONSE
Date: 03/21/2014
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 04/14/2011
Action: Staff Letter - #20110414

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 08/26/2014
Action: Staff Letter - #20140826

Global Id: T0600102248
Action Type: ENFORCEMENT

CHEVRON #9-0517 / HOMESTEAD FEDERAL SAVINGS (Continued) **S103472391**

Date: 03/17/2015
Action: Staff Letter - #20150317

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 05/06/2014
Action: Staff Letter - #20140506

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 10/26/2015
Action: Staff Letter - #20151016

Global Id: T0600102248
Action Type: RESPONSE
Date: 03/21/2014
Action: Monitoring Report - Annually

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 02/01/2016
Action: Staff Letter - #20160201

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 05/02/2016
Action: Notice of Responsibility - #20160502

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 04/29/2016
Action: Staff Letter - #2160429

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 11/10/2016
Action: Staff Letter - #20161110

Global Id: T0600102248
Action Type: RESPONSE
Date: 04/29/2016
Action: Site Assessment Report

Global Id: T0600102248
Action Type: ENFORCEMENT
Date: 03/28/2012
Action: Staff Letter - #20120328

Global Id: T0600102248
Action Type: Other
Date: 10/21/1993
Action: Leak Discovery

Global Id: T0600102248
Action Type: RESPONSE
Date: 06/15/2011
Action: Soil and Water Investigation Workplan

CHEVRON #9-0517 / HOMESTEAD FEDERAL SAVINGS (Continued) **S103472391**

LUST REG 2:

Region:	2
Facility Id:	01-2440
Facility Status:	Preliminary site assessment workplan submitted
Case Number:	6241
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	10/2/1996
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	1/2/1965
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0000138
PE:	5602
Facility Status:	Pollution Charaterization

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2440

62
SSE
1/8-1/4
0.160 mi.
844 ft.

ARCO
71 MACARTHUR
OAKLAND, CA

HIST CORTESE **S100226810**
N/A

Relative:
Higher

Actual:
94 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0115

I63
NNW
1/8-1/4
0.175 mi.
926 ft.

EARL THOMPSON PROPERTY
316 38TH STREET
OAKLAND, CA 94611

LUST **U003300066**
Alameda County CS **N/A**
HIST CORTESE

Site 4 of 5 in cluster I

Relative:
Higher

Actual:
88 ft.

LUST:

Region:	STATE
Global Id:	T10000000885
Latitude:	37.8264182047456
Longitude:	-122.258028830688
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	11/20/2008

EARL THOMPSON PROPERTY (Continued) **U003300066**

Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	MYM
Local Agency:	Not reported
RB Case Number:	01-2412
LOC Case Number:	RO0002996
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel, Gasoline, Stoddard solvent / Mineral Spriits / Distillates
Site History:	Three USTs located under the sidewalk in front of the Thompson Property were properly closed in place in November 2008. Petroleum hydrocarbons were detected in soil and groundwater samples collected from borings advanced in the area around the closed in place tanks. Investigation consisting of soil and groundwater sampling is currently underway to define the horizontal and vertical extent of contamination. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T10000000885
Contact Type:	Regional Board Caseworker
Contact Name:	MARTIN MUSONGE
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET
City:	OAKLAND
Email:	martin.musonge@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T10000000885
Status:	Open - Case Begin Date
Status Date:	11/20/2008
Global Id:	T10000000885
Status:	Open - Site Assessment
Status Date:	11/20/2008

Regulatory Activities:

Global Id:	T10000000885
Action Type:	ENFORCEMENT
Date:	05/02/2013
Action:	File Review - Closure
Global Id:	T10000000885
Action Type:	Other
Date:	11/20/2008
Action:	Leak Discovery
Global Id:	T10000000885
Action Type:	RESPONSE
Date:	12/31/2013
Action:	Soil and Water Investigation Workplan
Global Id:	T10000000885

EARL THOMPSON PROPERTY (Continued) **U003300066**

Action Type: ENFORCEMENT
Date: 04/30/2009
Action: Staff Letter - #20090430

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 05/31/2012
Action: Referral to Regional Board - #20120531

Global Id: T10000000885
Action Type: Other
Date: 11/20/2008
Action: Leak Stopped

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice to Comply - #20090724

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 09/17/2009
Action: Staff Letter - #20090917

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 07/09/2015
Action: Meeting

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 12/23/2009
Action: Staff Letter - #20091223

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 06/27/2014
Action: File Review - Closure

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 10/28/2014
Action: Meeting

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 08/07/2015
Action: 13267 Requirement

Global Id: T10000000885
Action Type: RESPONSE
Date: 06/29/2015

EARL THOMPSON PROPERTY (Continued) **U003300066**

Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 04/12/2010
Action: Staff Letter - #20100412

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 05/12/2015
Action: 13267 Requirement

Global Id: T10000000885
Action Type: Other
Date: 01/29/2009
Action: Leak Reported

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 04/26/2011
Action: Staff Letter - #20110426

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 10/23/2015
Action: 13267 Requirement

Global Id: T10000000885
Action Type: RESPONSE
Date: 11/10/2009
Action: Soil and Water Investigation Workplan

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 12/02/2010
Action: Staff Letter - #20101202

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 07/13/2016
Action: Notice of Violation

Global Id: T10000000885
Action Type: RESPONSE
Date: 03/04/2010
Action: Soil and Water Investigation Workplan

Global Id: T10000000885
Action Type: RESPONSE
Date: 10/18/2010
Action: Soil and Water Investigation Report

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 11/21/2011
Action: Staff Letter - #20111121

EARL THOMPSON PROPERTY (Continued) **U003300066**

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 02/08/2016
Action: 13267 Requirement

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 10/09/2015
Action: 13267 Requirement

Global Id: T10000000885
Action Type: ENFORCEMENT
Date: 01/15/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T10000000885
Action Type: RESPONSE
Date: 02/29/2016
Action: Correspondence

Global Id: T10000000885
Action Type: RESPONSE
Date: 08/31/2016
Action: Other Report / Document

Global Id: T10000000885
Action Type: RESPONSE
Date: 08/31/2016
Action: Site Assessment Report

Global Id: T10000000885
Action Type: RESPONSE
Date: 03/31/2011
Action: Soil and Water Investigation Workplan

Global Id: T10000000885
Action Type: RESPONSE
Date: 10/20/2011
Action: Soil and Water Investigation Report

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0002996
PE: 5602
Facility Status: Leak Confirmation

Status: 11
Record Id: RO0002996
PE: 5602
Facility Status: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA

EARL THOMPSON PROPERTY (Continued) **U003300066**

Reg Id: 01-2412

I64
NNW
1/8-1/4
0.177 mi.
934 ft.

Relative:
Higher

Actual:
93 ft.

PROFESSIONAL INDUSTRIAL SERVIC
3815 BROADWAY
OAKLAND, CA 94611

Site 5 of 5 in cluster I

RCRA-SQG **1000429549**
LUST **CAD980895866**
SWEEPS UST
HIST UST
CA FID UST
FINDS
DRYCLEANERS
EMI
HAZNET
HIST CORTESE
ECHO

RCRA-SQG:

Date form received by agency:	03/21/1985
Facility name:	GLOVATORIUM
Facility address:	3815 BROADWAY OAKLAND, CA 94611
EPA ID:	CAD980895866
Contact:	ENV MGR
Contact address:	3815 BROADWAY OAKLAND, CA 94611
Contact country:	US
Contact telephone:	(415) 555-1212
Contact email:	Not reported
EPA Region:	09
Land type:	Other land type
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
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
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

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

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/13/1985
Date achieved compliance: 12/13/1990
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: 12/13/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/13/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/15/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

LUST REG 2:
Region: 2
Facility Id: 01-2279
Facility Status: Preliminary site assessment underway
Case Number: 439
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 3/10/1998
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Preliminary Site Assesment Began: 8/27/2001
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Status: Active
Comp Number: 6294
Number: 9
Board Of Equalization: 44-000100
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 01-000-006294-000001
Tank Status: A
Capacity: 3000
Active Date: 06-04-90
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 6

Status: Active
Comp Number: 6294
Number: 9
Board Of Equalization: 44-000100
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 01-000-006294-000002
Tank Status: A
Capacity: 3000
Active Date: 06-04-90
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 6294
Number: 9
Board Of Equalization: 44-000100
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 6 SOAP
SWRCB Tank Id: 01-000-006294-000003
Tank Status: A
Capacity: 2500
Active Date: 06-04-90
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Status:	Active
Comp Number:	6294
Number:	9
Board Of Equalization:	44-000100
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-006294-000004
Tank Status:	A
Capacity:	2500
Active Date:	06-04-90
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	6294
Number:	9
Board Of Equalization:	44-000100
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	4 DUMP
SWRCB Tank Id:	01-000-006294-000005
Tank Status:	A
Capacity:	1000
Active Date:	06-04-90
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	6294
Number:	9
Board Of Equalization:	44-000100
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	3 STILL
SWRCB Tank Id:	01-000-006294-000006
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

File Number:	000363CA
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000363CA.pdf
Region:	STATE
Facility ID:	00000006294
Facility Type:	Other

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Other Type:	CLEANER
Contact Name:	STEVE DEPPER
Telephone:	4156588660
Owner Name:	THE GLOVATORIUM
Owner Address:	3815 BROADWAY
Owner City,St,Zip:	OAKLAND, CA 94611
Total Tanks:	0006

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	6 SOAP
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	004
Container Num:	5 RINSE
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Tank Num:	005
Container Num:	4 DUMP
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	006
Container Num:	3 STILL
Year Installed:	Not reported
Tank Capacity:	00001000

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 01001954
Regulated By: UTNKA
Regulated ID: 00006294
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4156588660
Mail To: Not reported
Mailing Address: 3815 BROADWAY
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94611
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110001154429

Environmental Interest/Information System
HAZARDOUS AIR POLLUTANT MAJOR

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.

DRYCLEANERS:
EPA Id: CAD980895866
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 04/10/1987
Facility Active: No
Inactive Date: 06/30/2012
Facility Addr2: Not reported
Owner Name: GLOVATORIUM
Owner Address: 3815 BROADWAY
Owner Address 2: Not reported
Owner Telephone: 6502914572
Contact Name: STU DEPPER

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Contact Address:	31 MUTH DR
Contact Address 2:	Not reported
Contact Telephone:	6502914572
Mailing Name:	Not reported
Mailing Address 1:	31 MUTH DR
Mailing Address 2:	Not reported
Mailing City:	ORINDA
Mailing State:	CA
Mailing Zip:	945630000
Owner Fax:	0000000000
Region Code:	2

EMI:

Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	576
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	22
Reactive Organic Gases Tons/Yr:	22
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	576
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Year:	2000
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.8
Reactive Organic Gases Tons/Yr:	1.8
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.8
Reactive Organic Gases Tons/Yr:	1.8
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.039
Reactive Organic Gases Tons/Yr:	1.039
Carbon Monoxide Emissions Tons/Yr:	0

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.039
Reactive Organic Gases Tons/Yr:	1.039
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.039
Reactive Organic Gases Tons/Yr:	1.039
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.0389999999999999
Reactive Organic Gases Tons/Yr:	1.0389999999999999
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71499999999999997
Reactive Organic Gases Tons/Yr:	0.71499999999999997
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.715
Reactive Organic Gases Tons/Yr:	0.715
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.715
Reactive Organic Gases Tons/Yr:	0.715
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	10881
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.715
Reactive Organic Gases Tons/Yr:	0.715
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

envid:	1000429549
Year:	2006
GEPAID:	CAD980895866
Contact:	STU DEPPER
Telephone:	6502914572
Mailing Name:	Not reported
Mailing Address:	31 MUTH DR
Mailing City,St,Zip:	ORINDA, CA 94563
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Transfer Station
Tons:	0.14
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000429549
Year:	2006
GEPAID:	CAD980895866
Contact:	STU DEPPER
Telephone:	6502914572
Mailing Name:	Not reported
Mailing Address:	31 MUTH DR
Mailing City,St,Zip:	ORINDA, CA 94563
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.62
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000429549
Year:	2006
GEPAID:	CAD980895866
Contact:	STU DEPPER
Telephone:	6502914572
Mailing Name:	Not reported
Mailing Address:	31 MUTH DR
Mailing City,St,Zip:	ORINDA, CA 94563
Gen County:	Not reported
TSD EPA ID:	CAD028409019

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Transfer Station
Tons:	0.2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000429549
Year:	2006
GEPAID:	CAD980895866
Contact:	STU DEPPER
Telephone:	6502914572
Mailing Name:	Not reported
Mailing Address:	31 MUTH DR
Mailing City,St,Zip:	ORINDA, CA 94563
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Treatment, Tank
Tons:	0.62
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000429549
Year:	2006
GEPAID:	CAD980895866
Contact:	STU DEPPER
Telephone:	6502914572
Mailing Name:	Not reported
Mailing Address:	31 MUTH DR
Mailing City,St,Zip:	ORINDA, CA 94563
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	0.29
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

Click this hyperlink while viewing on your computer to access
10 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2279

ECHO:

Envid:	1000429549
Registry ID:	110001154429

PROFESSIONAL INDUSTRIAL SERVIC (Continued) **1000429549**

DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001154429

J65
WSW
1/8-1/4
0.185 mi.
979 ft.

MOSSWOOD PARK BUILDING
3505 BROADWAY
OAKLAND, CA 94611

LUST **S101624478**
SWEEPS UST **N/A**
CA FID UST
HIST CORTESE

Site 1 of 3 in cluster J

Relative:
Lower

Actual:
66 ft.

LUST REG 2:

Region:	2
Facility Id:	01-0841
Facility Status:	Case Closed
Case Number:	4075
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	4/30/1990
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SWEEPS UST:

Status:	Active
Comp Number:	18496
Number:	9
Board Of Equalization:	44-000242
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	3503-1
SWRCB Tank Id:	01-000-018496-000001
Tank Status:	A
Capacity:	6301
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	5

Status:	Active
Comp Number:	18496
Number:	9
Board Of Equalization:	44-000242
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	3503-2
SWRCB Tank Id:	01-000-018496-000002
Tank Status:	A
Capacity:	3987
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P

MOSSWOOD PARK BUILDING (Continued) **S101624478**

Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 18496
Number: 9
Board Of Equalization: 44-000242
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 3503-3
SWRCB Tank Id: 01-000-018496-000003
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 18496
Number: 9
Board Of Equalization: 44-000242
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 25 NVM-1
SWRCB Tank Id: 01-000-018496-000004
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 18496
Number: 9
Board Of Equalization: 44-000242
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1725-1
SWRCB Tank Id: 01-000-018496-000005
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01000958
Regulated By: UTNKA

MOSSWOOD PARK BUILDING (Continued) **S101624478**

Regulated ID:	00018496
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4154286164
Mail To:	Not reported
Mailing Address:	1924 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94611
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0841

J66 **MOSSWOOD** **UST** **U004240866**
WSW **3505 BROADWAY** **N/A**
1/8-1/4 **OAKLAND, CA**
0.185 mi.
979 ft. **Site 2 of 3 in cluster J**

Relative:
Lower

Actual:
66 ft.

ALAMEDA CO. UST:

Facility ID:	FA0321175
Facility Status:	Closed or Inactive
Program Element:	4104
Description:	UNDERGROUND STORAGE TANK 4 CONTAINERS
Inspection Date:	07/21/2016
Closed:	YES
Owner Name:	Kaiser Foundation Hospitals
Owner ID:	OW0324381
Fstatus Decode:	Closed

J67 **KAISER FOUNDATION MOSSWOOD** **LUST** **U001599380**
WSW **3505 BROADWAY** **Alameda County CS** **N/A**
1/8-1/4 **OAKLAND, CA 94612** **HIST UST**
0.185 mi.
979 ft. **Site 3 of 3 in cluster J**

Relative:
Lower

Actual:
66 ft.

LUST:

Region:	STATE
Global Id:	T0600100775
Latitude:	37.822836
Longitude:	-122.260332
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/22/2000
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported

KAISER FOUNDATION MOSSWOOD (Continued) **U001599380**

RB Case Number:	01-0841
LOC Case Number:	RO0001103
File Location:	All Files are on GeoTracker or in the Local Agency Database
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:	T0600100775
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600100775
Status:	Open - Case Begin Date
Status Date:	02/12/1989
Global Id:	T0600100775
Status:	Completed - Case Closed
Status Date:	06/22/2000

Regulatory Activities:

Global Id:	T0600100775
Action Type:	Other
Date:	06/08/1992
Action:	Leak Stopped
Global Id:	T0600100775
Action Type:	Other
Date:	02/12/1989
Action:	Leak Reported
Global Id:	T0600100775
Action Type:	REMEDIATION
Date:	06/01/1992
Action:	Excavation
Global Id:	T0600100775
Action Type:	REMEDIATION
Date:	06/01/1992
Action:	Free Product Removal
Global Id:	T0600100775
Action Type:	Other
Date:	02/12/1989
Action:	Leak Discovery

Alameda County CS:

KAISER FOUNDATION MOSSWOOD (Continued) **U001599380**

Status: Case Closed
Record Id: RO0001103
PE: 5602
Facility Status: Case Closed

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000018496
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	4154286164
Owner Name:	KAISER FOUNDATION HEALTH PLAN,
Owner Address:	1924 BROADWAY
Owner City,St,Zip:	OAKLAND, CA 94612
Total Tanks:	0005
Tank Num:	001
Container Num:	3503-1
Year Installed:	1972
Tank Capacity:	00006301
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	3505-2
Year Installed:	1972
Tank Capacity:	00003987
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3505-3
Year Installed:	1972
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	25 NVM-1
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None
Tank Num:	005
Container Num:	1725-1

KAISER FOUNDATION MOSSWOOD (Continued) **U001599380**

Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

68
NNW
1/8-1/4
0.204 mi.
1077 ft.

GLOVATORIUM
3820 MANILA AVENUE
OAKLAND, CA 94611

LUST **S103982786**
SLIC **N/A**
Alameda County CS
DRYCLEANERS

Relative:
Higher

Actual:
83 ft.

LUST:

Region:	STATE
Global Id:	T0600102095
Latitude:	37.8267886281714
Longitude:	-122.258087599931
Case Type:	LUST Cleanup Site
Status:	Open - Assessment & Interim Remedial Action
Status Date:	08/24/2015
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	MYM
Local Agency:	Not reported
RB Case Number:	01-2279
LOC Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	The subject property (site) is a commercial facility located between Manila Avenue and Broadway, near the intersection with 38th Street in Oakland, California.Site investigation activities have been conducted at the site since 1997. Interim remediation was initiated but has not been completed. Six underground storage tanks (USTs) were formerly located on-site. Two were located under the sidewalk on 38th Street and four inside the building. UST capacities have been variously reported as ranging from 800 to 4,000 gallons. The USTs reportedly contained Stoddard solvent (TPH-ss), fuel oil and possibly waste oil. The USTs inside the building were interconnected through a series of pipes and valves. Reportedly, in the late 1970s a significant release of TPH-ss occurred when a new piping system was installed (Figure 2). In 1997, the six USTs were abandoned in place, by backfilling with either cement-sand slurry or pea gravel, by HK2, Inc of San Mateo. HK2 conducted the UST closure and reporting. UST-1 through UST-4, inside the building, contained residual liquid. On June 5 and 9, 1997, HK2 delivered a 1,500-gallon aboveground storage tank (AST) to the site, measured the amount of liquid in each of these four USTs, collected samples of residual liquid from each, pumped the residual liquid into the AST, rinsed the USTs, pumped the rinsate into the AST, and inspected the inside of each UST with video camera. The report indicates presence of holes in UST-1 and UST-3, which contained TPH-ss; the report also indicates that on June 11, 1997, HK2 pumped out groundwater that had recharged into UST-1 and UST-4. This indirectly indicates the presence of hole(s) in UST-1 and UST-4 also. A total of 81 drums containing diesel fuel, TPH-ss, oil, and various wastes were removed from the site and properly disposed of. Based on results of past site investigations and groundwater monitoring data, soil and groundwater have been impacted by petroleum

GLOVATORIUM (Continued) **S103982786**

hydrocarbons and chlorinated solvents. The source area for TPH-ss appears to have been formed by chemical releases from the former indoor USTs and their associated piping system, as well as from the washing machine operation. As noted above, a significant release was reportedly discovered in the late 1970s, when new underground piping connecting the USTs to the washing machines was found to have been installed incorrectly. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp
5/28/15: THIS CASE IS BEING CLOSED BUT WOULD BE REGULATED UNDER THE SITE CLEANUP PROGRAM (SCP) FOR REGULATORY OVERSIGHT EFFICIENCY. THE NEW SCP CASE FILE NO. IS 01S0762.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600102095
Contact Type:	Regional Board Caseworker
Contact Name:	MARTIN MUSONGE
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET
City:	OAKLAND
Email:	martin.musonge@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0600102095
Status:	Open - Case Begin Date
Status Date:	05/31/1990
Global Id:	T0600102095
Status:	Open - Site Assessment
Status Date:	03/11/1997
Global Id:	T0600102095
Status:	Completed - Case Closed
Status Date:	05/28/2015
Global Id:	T0600102095
Status:	Open - Assessment & Interim Remedial Action
Status Date:	08/24/2015
Global Id:	T0600102095
Status:	Open - Reopen Case
Status Date:	08/24/2015

Regulatory Activities:

Global Id:	T0600102095
Action Type:	REMEDIATION
Date:	01/31/2002
Action:	Free Product Removal
Global Id:	T0600102095
Action Type:	REMEDIATION
Date:	12/17/2008
Action:	In Situ Physical/Chemical Treatment (other than SVE)

GLOVATORIUM (Continued) **S103982786**

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 12/05/2008
Action: Staff Letter - #20081205

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 05/31/2012
Action: Referral to Regional Board - #20120531

Global Id: T0600102095
Action Type: Other
Date: 06/09/1997
Action: Leak Stopped

Global Id: T0600102095
Action Type: RESPONSE
Date: 01/14/2012
Action: Site Assessment Report

Global Id: T0600102095
Action Type: RESPONSE
Date: 03/14/1996
Action: Other Report / Document

Global Id: T0600102095
Action Type: RESPONSE
Date: 09/15/2009
Action: NPDES / WDR Reports

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 04/06/2009
Action: Staff Letter - #20090406

Global Id: T0600102095
Action Type: Other
Date: 10/15/1990
Action: Leak Reported

Global Id: T0600102095
Action Type: RESPONSE
Date: 07/05/1989
Action: Correspondence

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 07/23/2009
Action: Staff Letter - #20090723

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 09/03/2014
Action: Other Report

Global Id: T0600102095
Action Type: ENFORCEMENT

GLOVATORIUM (Continued) **S103982786**

Date: 08/27/2014
Action: Staff Letter

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 05/28/2014
Action: 13267 Requirement

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 05/05/2014
Action: Site Visit / Inspection / Sampling

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 08/12/2014
Action: Petition Dismissed by Executive Director

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 07/17/2015
Action: Staff Letter

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 09/03/2014
Action: Complaint

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 03/05/2015
Action: Notice of Violation

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 03/26/2015
Action: Notice of Violation

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 06/27/2014
Action: File Review - Closure

Global Id: T0600102095
Action Type: RESPONSE
Date: 09/04/2011
Action: Other Report / Document

Global Id: T0600102095
Action Type: RESPONSE
Date: 10/16/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600102095
Action Type: RESPONSE
Date: 03/31/2015
Action: Request for Closure - Regulator Responded

GLOVATORIUM (Continued) **S103982786**

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 08/24/2015
Action: Site Reopened Letter

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 03/26/2015
Action: Notice to Comply

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 05/29/2014
Action: Site Visit / Inspection / Sampling

Global Id: T0600102095
Action Type: RESPONSE
Date: 02/03/2016
Action: Request for Closure - Regulator Responded

Global Id: T0600102095
Action Type: RESPONSE
Date: 08/28/2015
Action: Other Report / Document - Regulator Responded

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 02/10/2011
Action: Staff Letter - #20110210

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 10/19/2015
Action: 13267 Requirement

Global Id: T0600102095
Action Type: RESPONSE
Date: 06/30/2014
Action: Conceptual Site Model

Global Id: T0600102095
Action Type: RESPONSE
Date: 10/10/2014
Action: Correspondence

Global Id: T0600102095
Action Type: RESPONSE
Date: 04/01/2015
Action: Soil and Water Investigation Workplan

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 08/25/2010
Action: Staff Letter - #20100825

Global Id: T0600102095
Action Type: ENFORCEMENT

GLOVATORIUM (Continued) **S103982786**

Date: 10/01/2015
Action: Meeting

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 08/27/2015
Action: Email Correspondence

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 04/28/2011
Action: Staff Letter - #20110428

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 11/16/2011
Action: Staff Letter - #20111116

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 01/12/2014
Action: Petition Submitted for Review

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 12/21/2011
Action: Preparation of Record for Appeal/Referral/Petition - #20111221

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 01/26/2012
Action: Technical Correspondence / Assistance / Other - #20120126

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 08/11/2016
Action: Petition Dismissed by Executive Director

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 05/03/2016
Action: File review

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 03/05/2015
Action: Notice of Violation

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 07/17/2015
Action: 13267 Requirement

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 09/30/2015
Action: Technical Correspondence / Assistance / Other

GLOVATORIUM (Continued) **S103982786**

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 08/20/1990
Action: Notice of Violation - #UNK

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 05/02/2013
Action: File Review - Closure

Global Id: T0600102095
Action Type: Other
Date: 05/31/1990
Action: Leak Discovery

Global Id: T0600102095
Action Type: RESPONSE
Date: 02/14/2011
Action: Soil and Water Investigation Workplan

Global Id: T0600102095
Action Type: RESPONSE
Date: 11/22/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0600102095
Action Type: RESPONSE
Date: 01/31/2016
Action: Correspondence

Global Id: T0600102095
Action Type: RESPONSE
Date: 10/14/2015
Action: Other Report / Document

Global Id: T0600102095
Action Type: RESPONSE
Date: 03/20/2000
Action: Soil and Water Investigation Report

Global Id: T0600102095
Action Type: RESPONSE
Date: 03/13/1997
Action: Other Workplan

Global Id: T0600102095
Action Type: RESPONSE
Date: 09/24/1999
Action: Other Report / Document

Global Id: T0600102095
Action Type: ENFORCEMENT
Date: 11/17/2010
Action: Staff Letter - #20101117

Global Id: T0600102095
Action Type: ENFORCEMENT

GLOVATORIUM (Continued) **S103982786**

Date:	06/21/2005
Action:	Staff Letter - #20050621
Global Id:	T0600102095
Action Type:	RESPONSE
Date:	03/28/2011
Action:	Soil and Water Investigation Workplan - Addendum
Global Id:	T0600102095
Action Type:	RESPONSE
Date:	08/26/2011
Action:	Soil and Water Investigation Report
Global Id:	T0600102095
Action Type:	RESPONSE
Date:	10/05/2015
Action:	Other Report / Document
Global Id:	T0600102095
Action Type:	RESPONSE
Date:	04/07/1997
Action:	Correspondence

SLIC:

Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	04/23/2015
Global Id:	T10000006741
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.82676
Longitude:	-122.25847
Case Type:	Cleanup Program Site
Case Worker:	MYM
Local Agency:	Not reported
RB Case Number:	01S0762
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Indoor Air, Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, Diesel, Gasoline, Kerosene, Stoddard solvent / Mineral Spriits / Distillates, Total Petroleum Hydrocarbons (TPH)
Site History:	The American Red Cross (ARC) is a tenant of the 3901 Broadway with no rights of ownership for this property. The ARC has leased this first floor tenant space from December 1998 to current. The ARC operates this site from general office use only.

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status:	11
Record Id:	RO0000458
PE:	5602
Facility Status:	Not reported

GLOVATORIUM (Continued) **S103982786**

Status: Pollution Characterization
Record Id: RO0000458
PE: 5602
Facility Status: Pollution Charaterization

DRYCLEANERS:

EPA Id:	CAL000093460
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	11/30/1994
Facility Active:	No
Inactive Date:	06/30/2015
Facility Addr2:	Not reported
Owner Name:	ERIC DEPPER
Owner Address:	3820 MANILA AVE
Owner Address 2:	Not reported
Owner Telephone:	5106588663
Contact Name:	ERIC DEPPER
Contact Address:	3820 MANILA AVE
Contact Address 2:	Not reported
Contact Telephone:	5106588663
Mailing Name:	Not reported
Mailing Address 1:	3820 MANILA AVE
Mailing Address 2:	Not reported
Mailing City:	OAKLAND
Mailing State:	CA
Mailing Zip:	946092622
Owner Fax:	0000000000
Region Code:	2

69
SW
1/8-1/4
0.234 mi.
1237 ft.

GLIDDEN COMPANY
3356 PIEDMONT AVE
OAKLAND, CA 94611

RCRA-SQG **1005415612**
FINDS **CAR000113621**
ECHO

Relative:
Lower

Actual:
54 ft.

RCRA-SQG:

Date form received by agency:	01/29/2014
Facility name:	GLIDDEN PROFESSIONAL PAINT CENTERS
Facility address:	3356 PIEDMONT OAKLAND, CA 94611
EPA ID:	CAR000113621
Contact:	RHONDA J CROSS
Contact address:	15885 SPRAGUE RD STRONGSVILLE, OH 44136
Contact country:	US
Contact telephone:	440-297-8431
Contact email:	RHONDA.CROSS@PPG.COM
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

GLIDDEN COMPANY (Continued) **1005415612**

Owner/Operator Summary:

Owner/operator name:	GLIDDEN PROFESSIONAL PAINT CENTERS
Owner/operator address:	ONE PPG PLACE
	PITTSBURGH, PA 15272
Owner/operator country:	US
Owner/operator telephone:	412-434-3131
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/01/2013
Owner/Op end date:	Not reported

Owner/operator name:	GLIDDEN PROFESSIONAL PAINT CENTERS
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/2013
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: D002
. Waste name: CORROSIVE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:

Date form received by agency:	03/19/2002
Site name:	GLIDDEN COMPANY
Classification:	Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

GLIDDEN COMPANY (Continued) **1005415612**

FINDS:

Registry ID: 110012222086

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.

ECHO:
Envid: 1005415612
Registry ID: 110012222086
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110012222086

K70 **UNOCAL SS #0746** **UST** **U003299741**
North **3943 BROADWAY** **N/A**
1/8-1/4 **OAKLAND, CA 94611**
0.234 mi.
1237 ft. **Site 1 of 4 in cluster K**

Relative:
Higher

Actual:
98 ft.

UST:
Facility ID: 115
Permitting Agency: OAKLAND, CITY OF
Latitude: 37.8287777
Longitude: -122.2558461

ALAMEDA CO. UST:
Facility ID: FA0321502
Facility Status: Active
Program Element: 4102
Description: UNDERGROUND STORAGE TANK 2 CONTAINERS
Inspection Date: 10/29/2016
Closed: Not reported
Owner Name: Broadway Union 76, Inc.
Owner ID: OW0324607
Fstatus Decode: Open

K71 North 1/8-1/4 0.234 mi. 1237 ft. | **UNION OIL SS#0746**
3943 BROADWAY
OAKLAND, CA 94611

HIST UST | **U001599394**
N/A

Site 2 of 4 in cluster K

Relative: Higher

Actual: 98 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000058998
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	CLEMENT K. LEUNG
Telephone:	4156557662
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST., SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

K72 North 1/8-1/4 0.234 mi. 1237 ft. | **UNOCAL SERVICE STATION #0746**
3943 BROADWAY
OAKLAND, CA 92626

LUST | **S100179256**
SWEEPS UST | **N/A**
Notify 65

Site 3 of 4 in cluster K

Relative: Higher

Actual: 98 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1596
Facility Status:	Pollution Characterization
Case Number:	1119
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	10/17/1989
Pollution Characterization Began:	1/17/1990
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SWEEPS UST:

Status:	Active
Comp Number:	241
Number:	2
Board Of Equalization:	44-000051
Referral Date:	11-12-92
Action Date:	04-15-93

UNOCAL SERVICE STATION #0746 (Continued) **S100179256**

Created Date: 03-19-91
Owner Tank Id: 0746-RU-1
SWRCB Tank Id: 01-000-000241-000001
Tank Status: A
Capacity: 12000
Active Date: 11-12-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 241
Number: 2
Board Of Equalization: 44-000051
Referral Date: 11-12-92
Action Date: 04-15-93
Created Date: 03-19-91
Owner Tank Id: 0746-SU-1
SWRCB Tank Id: 01-000-000241-000002
Tank Status: A
Capacity: 12000
Active Date: 11-12-92
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 241
Number: 2
Board Of Equalization: 44-000051
Referral Date: 11-12-92
Action Date: 04-15-93
Created Date: 03-19-91
Owner Tank Id: 0746-WO-1
SWRCB Tank Id: 01-000-000241-000003
Tank Status: A
Capacity: 520
Active Date: 11-12-92
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

K73 North 1/8-1/4 0.234 mi. 1237 ft. | **UNION OIL SS 0746**
3943 BROADWAY
OAKLAND, CA 94611

Site 4 of 4 in cluster K

LUST
Alameda County CS
HIST UST
HIST CORTESE

1000167093
N/A

Relative: Higher

Actual: 98 ft.

LUST:

Region:	STATE
Global Id:	T0600101471
Latitude:	37.827421096
Longitude:	-122.257015
Case Type:	LUST Cleanup Site
Status:	Open - Assessment & Interim Remedial Action
Status Date:	04/05/2005
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	KEN
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-1596
LOC Case Number:	RO0000203
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	In August 1989 two 10,000-gallon gasoline, one 280-gallon waste oil UST and product piping were replaced at the site. 350 cu yds of soil and 6,500 gallons of groundwater removed from the tank pit. Monitoring wells subsequently installed at the site and free product was observed. Subsequent recovery efforts and further delineation have been conducted to date. 1993 pilot VES test performed and deemed unsuitable. Dispensers and piping were replaced in February,1998. 30.20 tons of impacted soil removed for off-site disposal. 2005 DPE test was determined to be a viable remedial option but not implemented. Free product well, MW-5, is located at the down gradient edge of the site.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101471
Contact Type:	Local Agency Caseworker
Contact Name:	KEITH NOWELL
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	keith.nowell@acgov.org
Phone Number:	5105676764

Global Id:	T0600101471
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600101471
Status:	Open - Case Begin Date
Status Date:	08/16/1989

UNION OIL SS 0746 (Continued) **1000167093**

Global Id: T0600101471
Status: Open - Site Assessment
Status Date: 08/28/1989

Global Id: T0600101471
Status: Open - Site Assessment
Status Date: 08/30/1989

Global Id: T0600101471
Status: Open - Site Assessment
Status Date: 11/30/1989

Global Id: T0600101471
Status: Open - Assessment & Interim Remedial Action
Status Date: 04/05/2005

Regulatory Activities:

Global Id: T0600101471
Action Type: REMEDIATION
Date: 04/05/2005
Action: Dual Phase Extraction

Global Id: T0600101471
Action Type: REMEDIATION
Date: 08/16/1989
Action: Excavation

Global Id: T0600101471
Action Type: REMEDIATION
Date: 02/19/1998
Action: Excavation

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 12/05/2008
Action: Staff Letter - #20081205

Global Id: T0600101471
Action Type: Other
Date: 08/16/1989
Action: Leak Stopped

Global Id: T0600101471
Action Type: RESPONSE
Date: 09/19/2011
Action: CAP/RAP - Feasibility Study Report

Global Id: T0600101471
Action Type: RESPONSE
Date: 07/24/1992
Action: Other Report / Document

Global Id: T0600101471
Action Type: RESPONSE
Date: 12/17/1990
Action: Well Installation Report

UNION OIL SS 0746 (Continued) **1000167093**

Global Id: T0600101471
Action Type: RESPONSE
Date: 09/25/1992
Action: Monitoring Report - Quarterly

Global Id: T0600101471
Action Type: RESPONSE
Date: 07/31/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0600101471
Action Type: REMEDIATION
Date: 06/24/1992
Action: Excavation

Global Id: T0600101471
Action Type: Other
Date: 08/28/1989
Action: Leak Reported

Global Id: T0600101471
Action Type: RESPONSE
Date: 07/31/2016
Action: Sensitive Receptor Survey Report

Global Id: T0600101471
Action Type: RESPONSE
Date: 01/31/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0600101471
Action Type: RESPONSE
Date: 01/13/2017
Action: Soil Vapor Intrusion Investigation Workplan

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 06/22/2015
Action: Staff Letter - #20150622

Global Id: T0600101471
Action Type: RESPONSE
Date: 04/24/2015
Action: Request for Closure - Regulator Responded

Global Id: T0600101471
Action Type: RESPONSE
Date: 02/21/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0600101471
Action Type: RESPONSE

UNION OIL SS 0746 (Continued) **1000167093**

Date: 10/14/2016
Action: Conceptual Site Model - Regulator Responded

Global Id: T0600101471
Action Type: RESPONSE
Date: 10/14/2016
Action: Other Report / Document - Regulator Responded

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 06/19/2014
Action: Staff Letter - #20140619

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 09/09/2015
Action: Email Correspondence - #20150909

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 10/27/2015
Action: Notice of Responsibility - #20151027

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 11/18/2015
Action: Technical Correspondence / Assistance / Other - #20151118

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 11/10/2016
Action: Staff Letter - #20161110

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 09/12/1989
Action: Staff Letter - #19890912

Global Id: T0600101471
Action Type: RESPONSE
Date: 06/09/2008
Action: Soil and Water Investigation Workplan

Global Id: T0600101471
Action Type: RESPONSE
Date: 08/29/2008
Action: CAP/RAP - Feasibility Study Report

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 03/20/1992
Action: Notice of Responsibility - #19920320

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 09/27/2016
Action: Email Correspondence - #20160927

UNION OIL SS 0746 (Continued) **1000167093**

Global Id: T0600101471
Action Type: RESPONSE
Date: 10/19/2009
Action: Soil and Water Investigation Report

Global Id: T0600101471
Action Type: RESPONSE
Date: 08/31/1989
Action: Unauthorized Release Form

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 06/30/2011
Action: Staff Letter - #20110630

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 07/01/2016
Action: Staff Letter - #20160701

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 07/07/1989
Action: Technical Correspondence / Assistance / Other - #19890707

Global Id: T0600101471
Action Type: RESPONSE
Date: 06/27/2014
Action: Other Report / Document

Global Id: T0600101471
Action Type: RESPONSE
Date: 10/31/2015
Action: Soil and Water Investigation Workplan

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 05/02/2008
Action: Staff Letter - #20080502

Global Id: T0600101471
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: File review

Global Id: T0600101471
Action Type: Other
Date: 08/16/1989
Action: Leak Discovery

Global Id: T0600101471
Action Type: RESPONSE
Date: 06/18/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101471
Action Type: RESPONSE

UNION OIL SS 0746 (Continued) **1000167093**

Date: 10/13/1989
Action: Interim Remedial Action Report

Global Id: T0600101471
Action Type: RESPONSE
Date: 10/01/2015
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101471
Action Type: RESPONSE
Date: 03/09/1992
Action: Well Installation Report

Global Id: T0600101471
Action Type: RESPONSE
Date: 08/30/1989
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101471
Action Type: RESPONSE
Date: 04/03/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101471
Action Type: RESPONSE
Date: 05/18/1993
Action: Pilot Study/ Treatability Report

Global Id: T0600101471
Action Type: RESPONSE
Date: 11/30/1989
Action: Soil and Water Investigation Report

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000203
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000203
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

Status: Preliminary Site Assessment Underway
Record Id: RO0000203
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0000203
PE: 5602
Facility Status: Pollution Charaterization

HIST UST:

UNION OIL SS 0746 (Continued) **1000167093**

File Number:	00036475
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036475.pdf
Region:	STATE
Facility ID:	00000031726
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	CLEMENT K. LEUNG
Telephone:	4156557662
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0003
Tank Num:	001
Container Num:	0746-1-1
Year Installed:	1967
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	001
Container Num:	0746-1-1
Year Installed:	1967
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	0746-2-1
Year Installed:	1967
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	0746-2-1
Year Installed:	1967
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	0746-4-1
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

UNION OIL SS 0746 (Continued) **1000167093**

Tank Num: 003
Container Num: 0746-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1596

L74 **A & P SERVICE CENTER** **UST** **U003982008**
WNW **398 W MACARTHUR BLVD** **N/A**
1/8-1/4 **OAKLAND, CA 94609**
0.249 mi.
1313 ft. **Site 1 of 10 in cluster L**

Relative:
Lower

Actual:
75 ft.

UST:
Facility ID: 225
Permitting Agency: OAKLAND, CITY OF
Latitude: 37.8268693
Longitude: -122.2599001

L75 **MOBIL SERVICE STATION** **SWEEPS UST** **S106027264**
WNW **398 W MAC ARTHUR BLVD** **CA FID UST** **N/A**
1/8-1/4 **OAKLAND, CA 94609**
0.249 mi.
1313 ft. **Site 2 of 10 in cluster L**

Relative:
Lower

Actual:
75 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 39630
Number: Not reported
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-039630-000001
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 39630
Number: Not reported

MOBIL SERVICE STATION (Continued) **S106027264**

Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-039630-000002
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	39630
Number:	Not reported
Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-039630-000003
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	39630
Number:	Not reported
Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-039630-000004
Tank Status:	Not reported
Capacity:	285
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	01002179
Regulated By:	UTNKI
Regulated ID:	00039630
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156580611
Mail To:	Not reported
Mailing Address:	398 W MAC ARTHUR BLVD

MOBIL SERVICE STATION (Continued) **S106027264**

Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94609
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

L76 WNW 1/8-1/4 0.249 mi. 1313 ft. **MOBIL SERVICE STATION** **HIST UST** **U001599336**
398 W MACARTHUR BLVD **N/A**
OAKLAND, CA 94609

Site 3 of 10 in cluster L

Relative: Lower

Actual: 75 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000039630
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	ARTHUR YU
Telephone:	4156580611
Owner Name:	MOBIL OIL CORPORATION
Owner Address:	612 SO. FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90017
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1965
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	2
Year Installed:	1955
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	3
Year Installed:	1955
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	004

MOBIL SERVICE STATION (Continued) **U001599336**

Container Num:	4
Year Installed:	1955
Tank Capacity:	00000285
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

L77 WNW 1/8-1/4 0.249 mi. 1313 ft. **A & P SERVICE CENTER (CUPA)** **UST** **U004240874**
398 W MACARTHUR BLVD **N/A**
OAKLAND, CA

Site 4 of 10 in cluster L

Relative: Lower

Actual: 75 ft.

ALAMEDA CO. UST:

Facility ID:	FA0322630
Facility Status:	Active
Program Element:	4104
Description:	UNDERGROUND STORAGE TANK 4 CONTAINERS
Inspection Date:	09/21/2017
Closed:	Not reported
Owner Name:	ARTHUR YU
Owner ID:	OW0325998
Fstatus Decode:	Open

L78 WNW 1/8-1/4 0.249 mi. 1313 ft. **A&P SERVICE CENTER** **HIST UST** **S113046628**
398 W MAC ARTHUR BLVD **HAZNET** **N/A**
OAKLAND, CA 94609

Site 5 of 10 in cluster L

Relative: Lower

Actual: 75 ft.

HIST UST:

File Number:	0003616D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0003616D.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

A&P SERVICE CENTER (Continued) **S113046628**

Click here for Geo Tracker PDF:

HAZNET:

envid:	S113046628
Year:	2003
GEPAID:	CAL000064499
Contact:	KEVIN MA
Telephone:	5106010188
Mailing Name:	Not reported
Mailing Address:	3506 PIEDMONT AVE
Mailing City,St,Zip:	OAKLAND, CA 946115409
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	0.08
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113046628
Year:	2002
GEPAID:	CAL000064499
Contact:	KEVIN MA
Telephone:	5106010188
Mailing Name:	Not reported
Mailing Address:	3506 PIEDMONT AVE
Mailing City,St,Zip:	OAKLAND, CA 946115409
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Transfer Station
Tons:	Not reported
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113046628
Year:	2002
GEPAID:	CAL000064499
Contact:	KEVIN MA
Telephone:	5106010188
Mailing Name:	Not reported
Mailing Address:	3506 PIEDMONT AVE
Mailing City,St,Zip:	OAKLAND, CA 946115409
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	0.06
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

A&P SERVICE CENTER (Continued) **S113046628**

envid: S113046628
Year: 2002
GEPAID: CAL000064499
Contact: KEVIN MA
Telephone: 5106010188
Mailing Name: Not reported
Mailing Address: 3506 PIEDMONT AVE
Mailing City,St,Zip: OAKLAND, CA 946115409
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: Not reported
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113046628
Year: 2001
GEPAID: CAL000064499
Contact: KEVIN MA
Telephone: 5106010188
Mailing Name: Not reported
Mailing Address: 3506 PIEDMONT AVE
Mailing City,St,Zip: OAKLAND, CA 946115409
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.9
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

M79 **UNOCAL #1871** **LUST** **S118821888**
SSE **66 MACARTHUR BLVD.** **N/A**
1/4-1/2 **OAKLAND, CA 94610**
0.253 mi.
1336 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
91 ft.

LUST:
Region: STATE
Global Id: T0600101493
Latitude: 37.8200734891365
Longitude: -122.254078388214
Case Type: LUST Cleanup Site
Status: Open - Eligible for Closure
Status Date: 06/26/2015
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KEN
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-1618
LOC Case Number: RO0000455

UNOCAL #1871 (Continued) **S118821888**

File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: Site is an active fueling station located at 66 MacArthur Blvd. (based on APN) in Oakland, CA. In May 1992 the dispensers and product piping were modified. Soil sampling revealed the presence of 1,700 mg/kg TPHg and 3.1 mg/kg benzene beneath the southern dispenser island. Subsequent to the discovery of petroleum hydrocarbons, three onsite monitoring wells were installed in October 1992. Initial sampling of the wells on 11/03/1992 revealed 260,000 ug/L TPHg and 2,300 ug/L benzene in groundwater. In August 1994 a 280-gallon waste-oil UST (WOT) was removed and replaced with a 520-gallon WOT. No holes were observed int the WOT; however, soil samples from the WOT pit revealed up to 1,400 mg/kg TPHd, 960 mg/kg TPHg, 2.2 mg/kg benzene, and several VOCs and SVOCs, including having a BaPe concentration of 5.62 mg/kg. Four soil bores advanced with two converted to onsite monitoring wells. Water sample from MW-4 reported to contain 18,000 ug/L MTBE. Approximately 45 cu yds. soil removed for off site disposal. In May 1998 two 12,000-gallon gasoline USTs, one 520-gallon WOT, two hydraulic lifts, two dispenser islands, associated product piping and the station building were removed from the site. Fuel tank pit concentrations of TPHg up to 2,000 mg/kg, 9.7 mg/kg benzene and 12 mg/kg MTBE were reported in soil from the fuel tank pit. Soil beneath the dispensers were reported to contain 15 mg/kg TPHg. TPHg, TPHd, BTEX and MTBE were reported at concentrations below the laboratory reporting limits for the waste oil UST. 1,252.78 tons of soil were reported removed for off-site disposal at the time of station upgrades. Six off site monitoring wells installed between June, 1999 and December, 2001 for plume definition. An ozone sparge system was operated between April 8, 2002 and March 7, 2013.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0600101493
Contact Type: Local Agency Caseworker
Contact Name: KEITH NOWELL
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 Harbor Bay Parkway
City: ALAMEDA
Email: keith.nowell@acgov.org
Phone Number: 5105676764

Global Id: T0600101493
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600101493
Status: Open - Case Begin Date
Status Date: 05/13/1992

UNOCAL #1871 (Continued) **S118821888**

Global Id: T0600101493
Status: Open - Site Assessment
Status Date: 09/13/1994

Global Id: T0600101493
Status: Open - Assessment & Interim Remedial Action
Status Date: 08/11/1999

Global Id: T0600101493
Status: Open - Remediation
Status Date: 04/18/2002

Global Id: T0600101493
Status: Open - Verification Monitoring
Status Date: 03/07/2013

Global Id: T0600101493
Status: Open - Verification Monitoring
Status Date: 03/07/2013

Global Id: T0600101493
Status: Open - Eligible for Closure
Status Date: 06/26/2015

Regulatory Activities:
Global Id: T0600101493
Action Type: REMEDIATION
Date: 08/03/1994
Action: Excavation

Global Id: T0600101493
Action Type: Other
Date: 05/13/1992
Action: Leak Stopped

Global Id: T0600101493
Action Type: RESPONSE
Date: 07/07/2016
Action: Email Correspondence

Global Id: T0600101493
Action Type: REMEDIATION
Date: 05/08/1998
Action: Excavation

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 02/11/2013
Action: Staff Letter - #20130211

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 03/06/2013
Action: Staff Letter - #20130306

Global Id: T0600101493
Action Type: ENFORCEMENT

UNOCAL #1871 (Continued) **S118821888**

Date: 12/20/2013
Action: Staff Letter - #20131220

Global Id: T0600101493
Action Type: Other
Date: 09/13/1994
Action: Leak Reported

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 06/20/2008
Action: Staff Letter - #20080620

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 10/03/2014
Action: Staff Letter - #20141003

Global Id: T0600101493
Action Type: REMEDIATION
Date: 01/18/2002
Action: Excavation

Global Id: T0600101493
Action Type: REMEDIATION
Date: 08/02/1999
Action: Excavation

Global Id: T0600101493
Action Type: REMEDIATION
Date: 04/08/2002
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0600101493
Action Type: RESPONSE
Date: 12/13/2012
Action: Correspondence

Global Id: T0600101493
Action Type: RESPONSE
Date: 12/10/2012
Action: Verbal Communication

Global Id: T0600101493
Action Type: RESPONSE
Date: 11/05/2012
Action: Other Report / Document

Global Id: T0600101493
Action Type: RESPONSE
Date: 01/31/2014
Action: Correspondence

UNOCAL #1871 (Continued) **S118821888**

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 06/20/2016
Action: Notice of Responsibility - #20160620

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 07/07/2016
Action: Verbal Communication - #20160707

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 06/24/2011
Action: Staff Letter - #20110624

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 06/14/2016
Action: Letter - Notice - #20160614

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 07/07/2016
Action: Email Correspondence - #20160707

Global Id: T0600101493
Action Type: RESPONSE
Date: 11/17/2014
Action: Other Report / Document

Global Id: T0600101493
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: File review

Global Id: T0600101493
Action Type: Other
Date: 05/14/1992
Action: Leak Discovery

Global Id: T0600101493
Action Type: RESPONSE
Date: 09/24/2011
Action: Conceptual Site Model

Global Id: T0600101493
Action Type: RESPONSE
Date: 10/24/2011
Action: Interim Remedial Action Report

80 ENE 1/4-1/2 0.262 mi. 1384 ft.

DELLUCHI
14 GLEN AVE
OAKLAND, CA 94611

LUST
Alameda County CS
HIST CORTESE

S102428715
N/A

Relative: Higher

Actual: 100 ft.

LUST:

Region:	STATE
Global Id:	T0600100440
Latitude:	37.826192
Longitude:	-122.25223
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/03/1994
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-0484
LOC Case Number:	RO0000527
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Kerosene
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600100440
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600100440
Status:	Open - Case Begin Date
Status Date:	03/15/1992

Global Id:	T0600100440
Status:	Completed - Case Closed
Status Date:	10/03/1994

Regulatory Activities:

Global Id:	T0600100440
Action Type:	Other
Date:	03/15/1992
Action:	Leak Reported

LUST REG 2:

Region:	2
Facility Id:	01-0484
Facility Status:	Case Closed
Case Number:	4155
How Discovered:	Tank Closure

DELLUCHI (Continued) **S102428715**

Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 5/12/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 6/25/1992
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000527
PE: 5602
Facility Status: Case Closed

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0484

N81 **VAL STROUGH CHEVROLET** **LUST** **S101580196**
WSW **327 34TH ST** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94611** **SWEEPS UST**
0.264 mi. **HIST UST**
1394 ft. **Site 1 of 2 in cluster N** **CA FID UST**
EMI
Relative: **HIST CORTESE**
Lower

Actual:
69 ft.

LUST:
Region: STATE
Global Id: T0600101644
Latitude: 37.8216328982863
Longitude: -122.260794639587
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/30/2016
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KLD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-1776
LOC Case Number: RO0000134
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not all historic documents for the fuel leak case may be available on Geotracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: http://www.acgov.org/aceh/lop/ust.htm This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site. The subject site is currently in commercial use as an auto dealership and is comprised of three parcels, APN 9-730-1-3 (3359 Broadway), 9-730-1-4 (327 34th Street), and 9-730-3 (3329 Broadway) located in Oakland, California. The site is located 700 feet north-northwest and up/cross gradient of a non-culvertized

VAL STROUGH CHEVROLET (Continued) **S101580196**

section of Glen Echo Creek located in Oak Glen Park. Lake Merritt is located approximately 4,000 feet south of the property. The direction of site groundwater flow is towards the south-southwest. A 1,000 gallon gasoline UST and a 1,000 gallon waste oil UST were removed in March 1993 along with the associated fuel dispenser located in the building. Elevated concentrations of Total Petroleum Hydrocarbon as gasoline (TPHg), TPH as diesel (TPHd), methyl tert butyl ether (MtBE), and benzene, toluene, ethylbenzene, and xylenes (BTEX) were found in soil and groundwater samples. Between 1993 and 2009 eleven groundwater monitoring wells were installed to evaluate the dissolved groundwater plume. Interim remedial actions occurred between 2004 and 2011 and included dual phase extraction (DPE) and insitu chemical oxidation (ISCO) injection. Full-scale remediation using DPE occurred between June 2012 and June 2014. This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). The case meets all the general and media-specific criteria of the LTCP with the exception of media-specific criteria of direct contact to outdoor air. A waste oil UST was removed from the site and no soil samples collected from depths less than ten feet below ground surface were analyzed for polyaromatic hydrocarbons (PAHs). ACEH has made the determination that there is low potential for direct contact exposure because the entire site is paved and the site is in current commercial land use. Due to residual contamination at the site, the site is closed as a commercial site with site management requirements. If there is a proposed change in land use to any residential, or conservative land use, or if any redevelopment occurs, Alameda County Environmental health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the site relative to the proposed redevelopment. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101644
Contact Type:	Local Agency Caseworker
Contact Name:	KAREL DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	karel.detterman@acgov.org
Phone Number:	5105676708

Global Id:	T0600101644
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

VAL STROUGH CHEVROLET (Continued) **S101580196**

Status History:

Global Id:	T0600101644
Status:	Open - Site Assessment
Status Date:	06/04/1993
Global Id:	T0600101644
Status:	Open - Remediation
Status Date:	06/01/2004
Global Id:	T0600101644
Status:	Open - Remediation
Status Date:	08/01/2008
Global Id:	T0600101644
Status:	Open - Eligible for Closure
Status Date:	07/16/2015
Global Id:	T0600101644
Status:	Completed - Case Closed
Status Date:	06/30/2016

Regulatory Activities:

Global Id:	T0600101644
Action Type:	ENFORCEMENT
Date:	12/05/2008
Action:	Staff Letter - #20081205
Global Id:	T0600101644
Action Type:	ENFORCEMENT
Date:	08/30/2013
Action:	Staff Letter - #20130830
Global Id:	T0600101644
Action Type:	Other
Date:	03/04/1993
Action:	Leak Stopped
Global Id:	T0600101644
Action Type:	ENFORCEMENT
Date:	08/25/2006
Action:	Technical Correspondence / Assistance / Other - #20060825
Global Id:	T0600101644
Action Type:	Other
Date:	04/11/1993
Action:	Leak Reported
Global Id:	T0600101644
Action Type:	RESPONSE
Date:	08/19/1993
Action:	Preliminary Site Assessment Report
Global Id:	T0600101644
Action Type:	ENFORCEMENT
Date:	06/18/2009
Action:	Staff Letter - #20090618

VAL STROUGH CHEVROLET (Continued) **S101580196**

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 05/08/2009
Action: Staff Letter - #20090508

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 03/09/2015
Action: Staff Letter - #20150309

Global Id: T0600101644
Action Type: RESPONSE
Date: 06/25/2004
Action: Interim Remedial Action Report

Global Id: T0600101644
Action Type: RESPONSE
Date: 08/30/1993
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101644
Action Type: RESPONSE
Date: 01/08/2003
Action: Soil and Water Investigation Report

Global Id: T0600101644
Action Type: RESPONSE
Date: 01/18/2012
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 03/06/2015
Action: Meeting - #20150306

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 09/04/2013
Action: Staff Letter - #20130904

Global Id: T0600101644
Action Type: RESPONSE
Date: 01/20/2014
Action: Remedial Progress Report

Global Id: T0600101644
Action Type: RESPONSE
Date: 03/31/2015
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0600101644

VAL STROUGH CHEVROLET (Continued) **S101580196**

Action Type: ENFORCEMENT
Date: 04/22/2010
Action: Staff Letter - #20100422

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 08/05/2015
Action: Staff Letter - #20150805

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 07/09/2015
Action: Staff Letter - #20151719

Global Id: T0600101644
Action Type: RESPONSE
Date: 07/15/2015
Action: Request for Closure - Regulator Responded

Global Id: T0600101644
Action Type: REMEDIATION
Date: 03/01/2004
Action: Not reported

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 08/26/2016
Action: Closure/No Further Action Letter - #20160826

Global Id: T0600101644
Action Type: RESPONSE
Date: 08/11/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101644
Action Type: REMEDIATION
Date: 06/01/1998
Action: Free Product Removal

Global Id: T0600101644
Action Type: RESPONSE
Date: 07/01/2009
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0600101644
Action Type: RESPONSE
Date: 02/05/2009
Action: Interim Remedial Action Plan

Global Id: T0600101644
Action Type: RESPONSE
Date: 08/31/2010
Action: Pilot Study/ Treatability Report

Global Id: T0600101644
Action Type: RESPONSE
Date: 07/31/2015

VAL STROUGH CHEVROLET (Continued) **S101580196**

Action: Soil and Water Investigation Workplan

Global Id: T0600101644
Action Type: RESPONSE
Date: 08/10/2015
Action: Soil and Water Investigation Report

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 11/18/2011
Action: Staff Letter - #20111118

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 12/28/2011
Action: Staff Letter - #20111228

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 12/16/2015
Action: Notification - Public Notice of Case Closure - #20151216

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 02/19/2016
Action: Staff Letter

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 06/20/2016
Action: Notice of Responsibility - #20160620

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 06/12/2008
Action: Staff Letter - #20080612

Global Id: T0600101644
Action Type: RESPONSE
Date: 05/20/2016
Action: Other Report / Document

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 01/16/2013
Action: Staff Letter - #20130116

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 07/19/2006
Action: Staff Letter - #20060719

Global Id: T0600101644
Action Type: ENFORCEMENT
Date: 02/24/1994
Action: Notice of Responsibility - #19940224

VAL STROUGH CHEVROLET (Continued) **S101580196**

Global Id: T0600101644
Action Type: Other
Date: 03/04/1993
Action: Leak Discovery

Global Id: T0600101644
Action Type: RESPONSE
Date: 09/16/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101644
Action Type: RESPONSE
Date: 09/08/2015
Action: Correspondence

LUST REG 2:
Region: 2
Facility Id: 01-1776
Facility Status: Preliminary site assessment underway
Case Number: 3035
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000134
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000134
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

Status: Preliminary Site Assessment Underway
Record Id: RO0000134
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0000134
PE: 5602
Facility Status: Pollution Charaterization

Status: Remediation Plan
Record Id: RO0000134

VAL STROUGH CHEVROLET (Continued) **S101580196**

PE: 5602
Facility Status: Remediation Plan

Status: Remedial Action Underway
Record Id: RO0000134
PE: 5602
Facility Status: Remedial Action Underway

SWEEPS UST:
Status: Not reported
Comp Number: 67310
Number: Not reported
Board Of Equalization: 44-000743
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-067310-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 67310
Number: Not reported
Board Of Equalization: 44-000743
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-067310-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
File Number: 000364AC
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000364AC.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

VAL STROUGH CHEVROLET (Continued) **S101580196**

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:	01001745
Regulated By:	UTNKA
Regulated ID:	00067310
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156584700
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94611
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

EMI:

Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	21163
Air District Name:	BA
SIC Code:	8999
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.013
Reactive Organic Gases Tons/Yr:	0.0090818
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	21163
Air District Name:	BA
SIC Code:	8999
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

VAL STROUGH CHEVROLET (Continued) **S101580196**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.013
Reactive Organic Gases Tons/Yr:	0.0090818
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	21163
Air District Name:	BA
SIC Code:	8999
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.013436936
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1776

L82 **UNION OIL SS #3538** **Alameda County CS** **U001599347**
WNW **411 W MACARTHUR BLVD** **HIST UST** **N/A**
1/4-1/2 **OAKLAND, CA 94609**
0.271 mi.
1433 ft. **Site 6 of 10 in cluster L**

Relative:
Lower

Actual:
73 ft.

Alameda County CS:

Status:	Leak Confirmation
Record Id:	RO0000251
PE:	5602
Facility Status:	Leak Confirmation

Status:	Preliminary Site Assessment Underway
Record Id:	RO0000251
PE:	5602
Facility Status:	Preliminary Site Assessment Underway

Status:	Pollution Characterization
Record Id:	RO0000251
PE:	5602
Facility Status:	Pollution Charaterization

HIST UST:

File Number:	Not reported
URL:	Not reported

UNION OIL SS #3538 (Continued) **U001599347**

Region:	STATE
Facility ID:	00000031703
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	TONY K. LEE
Telephone:	4155479612
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0003
Tank Num:	001
Container Num:	3538-1-1
Year Installed:	1978
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	3538-2-1
Year Installed:	1978
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	3538-4-1
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

L83 **411 MACARTHUR REDEVELOPMENT** **LUST** **S104660359**
WNW **411 MACARTHUR BLVD** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94609** **HIST CORTESE**
0.271 mi.
1433 ft. **Site 7 of 10 in cluster L**

Relative:
Lower

Actual:
73 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1597
Facility Status:	Preliminary site assessment underway
Case Number:	3627
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	10/31/1989
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported

411 MACARTHUR REDEVELOPMENT (Continued) **S104660359**

Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Pollution Characterization
Record Id: RO0003192
PE: 5502
Facility Status: Pollution Charaterization

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1597

L84 **UNOCAL SERVICE STATION #3538** **Notify 65** **S100179194**
WNW **411 WEST MAC ARTHUR** **N/A**
1/4-1/2 **OAKLAND, CA 92626**
0.271 mi.
1433 ft. **Site 8 of 10 in cluster L**

Relative:
Lower

Actual:
73 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

L85 **MOSSWOOD UNION** **LUST** **S100179184**
WNW **411 WEST MACARTHUR** **Notify 65** **N/A**
1/4-1/2 **OAKLAND, CA 92626**
0.271 mi.
1433 ft. **Site 9 of 10 in cluster L**

Relative:
Lower

Actual:
73 ft.

LUST:
Region: STATE
Global Id: T0600101472
Latitude: 37.8250058553705
Longitude: -122.261888980865
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/19/2015
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KEN
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-1597
LOC Case Number: RO0000251
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: The site is a former service station property. The property has perimeter fencing and the vacant service station building remains. Due to residual contamination, the site is closed with Site

MOSSWOOD UNION (Continued) **S100179184**

Management Requirements that limit future land use to the current commercial land use. In July 1989 one 10,000-gallon and one 12,000-gallon gasoline USTs removed and replaced. One 550-gallon waste-oil UST was also removed. Soil samples were collected from 450 yd3 of stockpiled soil that were present at the site. September 6 and 7, 1989 four monitoring wells were installed on-site. In September 1998, two 12,000-gallon gasoline USTs and associated dispensers and product piping were removed from the site. Soil samples collected indicated petroleum hydrocarbon impact. Groundwater was not encountered during the tank removal. Groundwater samples collected from the March 2006 borings had maximum detected concentrations of 13,000 ppb TPHg, 510 ppb benzene and 340 ppb MTBE. Grab groundwater samples reported up to 9,500 ug/L TPHg and 430 ug/L benzene in a 2011 investigation. Based on the bioattentuation zone thickness and the distance to nearby receptors, a determination has been made the site meets the LTCP closure criteria.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101472
Contact Type:	Local Agency Caseworker
Contact Name:	KEITH NOWELL
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	keith.nowell@acgov.org
Phone Number:	5105676764

Status History:

Global Id:	T0600101472
Status:	Open - Case Begin Date
Status Date:	07/12/1989
Global Id:	T0600101472
Status:	Open - Site Assessment
Status Date:	07/17/1989
Global Id:	T0600101472
Status:	Open - Assessment & Interim Remedial Action
Status Date:	09/14/1998
Global Id:	T0600101472
Status:	Open - Eligible for Closure
Status Date:	05/29/2014
Global Id:	T0600101472
Status:	Open - Eligible for Closure
Status Date:	12/23/2014
Global Id:	T0600101472
Status:	Completed - Case Closed
Status Date:	08/19/2015

Regulatory Activities:

Global Id:	T0600101472
Action Type:	Other

MOSSWOOD UNION (Continued) **S100179184**

Date: 07/18/1989
Action: Leak Stopped

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 09/03/2008
Action: Staff Letter - #09/03/2008

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: File review

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 11/07/2013
Action: Staff Letter - #20131107

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 01/30/2014
Action: Meeting - #20140130

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 02/03/2014
Action: Staff Letter - #20140203

Global Id: T0600101472
Action Type: Other
Date: 07/17/1989
Action: Leak Reported

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 01/21/2014
Action: Technical Correspondence / Assistance / Other - #20140121

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 10/21/2014
Action: Notice of Responsibility - #2014-10-21

Global Id: T0600101472
Action Type: RESPONSE
Date: 03/27/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600101472
Action Type: RESPONSE
Date: 08/14/2013
Action: Other Workplan - Regulator Responded

Global Id: T0600101472
Action Type: REMEDIATION
Date: 09/14/1998
Action: Excavation

MOSSWOOD UNION (Continued) **S100179184**

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 08/19/2015
Action: Closure/No Further Action Letter - #20150819

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 08/04/2014
Action: Meeting - #20140804

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 04/21/2015
Action: Technical Correspondence / Assistance / Other - #20150421

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 03/12/2014
Action: Staff Letter - #20140312

Global Id: T0600101472
Action Type: RESPONSE
Date: 07/01/2013
Action: Electronic Reporting Submittal Due

Global Id: T0600101472
Action Type: RESPONSE
Date: 09/13/2013
Action: Other Workplan

Global Id: T0600101472
Action Type: RESPONSE
Date: 02/28/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600101472
Action Type: RESPONSE
Date: 04/27/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600101472
Action Type: RESPONSE
Date: 09/24/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600101472
Action Type: RESPONSE
Date: 05/02/2014
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 10/21/2014
Action: Notification - Public Notice of Case Closure - #2014-10-21

Global Id: T0600101472
Action Type: ENFORCEMENT

MOSSWOOD UNION (Continued) **S100179184**

Date: 11/20/2014
Action: Staff Letter - #20141120

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 12/23/2014
Action: Staff Letter - #20141223

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 05/29/2014
Action: Staff Letter - #20140529

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 04/03/2014
Action: Technical Correspondence / Assistance / Other - #20140403

Global Id: T0600101472
Action Type: RESPONSE
Date: 11/21/2013
Action: Correspondence

Global Id: T0600101472
Action Type: REMEDIATION
Date: 10/01/1998
Action: Excavation

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 10/05/2010
Action: Staff Letter - #20101005

Global Id: T0600101472
Action Type: RESPONSE
Date: 02/28/2014
Action: Correspondence

Global Id: T0600101472
Action Type: RESPONSE
Date: 05/12/2015
Action: Well Destruction Report

Global Id: T0600101472
Action Type: RESPONSE
Date: 04/15/2014
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101472
Action Type: RESPONSE
Date: 12/05/2014
Action: Email Correspondence

Global Id: T0600101472
Action Type: REMEDIATION
Date: 07/12/1989
Action: Excavation

MOSSWOOD UNION (Continued) **S100179184**

Global Id: T0600101472
Action Type: RESPONSE
Date: 12/05/2014
Action: Email Correspondence

Global Id: T0600101472
Action Type: RESPONSE
Date: 10/22/2014
Action: Other Report / Document

Global Id: T0600101472
Action Type: Other
Date: 07/12/1989
Action: Leak Discovery

Global Id: T0600101472
Action Type: RESPONSE
Date: 02/18/2011
Action: Soil and Water Investigation Report

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 05/24/2013
Action: Staff Letter - #20130524

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

L86 **411 MACARTHUR REDEVELOPMENT** **SLIC** **S113013790**
WNW **411 WEST MACARTHUR BLVD** **HIST UST** **N/A**
1/4-1/2 **OAKLAND, CA 94609** **HAZNET**
0.271 mi.
1433 ft. **Site 10 of 10 in cluster L**

Relative:
Lower

Actual:
73 ft.

SLIC:
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 11/04/2015
Global Id: T10000007937
Lead Agency: ALAMEDA COUNTY LOP
Lead Agency Case Number: RO0003192
Latitude: 37.825105
Longitude: -122.261965
Case Type: Cleanup Program Site
Case Worker: KEN
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported

411 MACARTHUR REDEVELOPMENT (Continued) **S113013790**

Site History: Conference call with Messrs. Joe Hernon (RP) and consultants Michael Kara (prepared HHRA) and Jim Gribi (PG), and Heriberto Robles (performing HHRA 3rd party review) on 9/21/2016. Meeting to discuss the HHRA and review status. In summary, Mr. Robles requested the complete data set for the TO-15 and 8260 analyses in order to complete his HHRA review. Mr. Gribi indicated he would contact the lab for the data and provide to Mr. Robles. The path forward would be to complete the review, with ACDEH completing its review of the RAP upon completion of the HHRA review. Based on discussions during the first half of September, 2016 related to the scope of the HHRA third-party review, ACDEH has requested a conference call for September 20, 2016 to discuss the HHRA and the path forward. Meeting held on August 25, 2016 for follow up presentation of the current analytical data, and discussion of the human health risk assessment (HHRA) provided to our office on August 19, 2016. ACDEH pointed out that we did not have a qualified risk assessor (RA) on staff and that we would provide a list of RAs provided by California Environmental Protection Agency/ Department of Toxic Substances Control (DTSC). We requested the Responsible Party (RP) select an RA from the list to hire as a third-party consultant for the HHRA review. On August 30, 2016, Mr. Heriberto Robles contacted ACDEH informing us he had been contracted to perform the HHRA review. Meeting held on June 22, 2016 for presentation of data requested in meeting of April 20, 2016, including the soil sampling conducted in May 2016 along the swath of soil between the former fuel tank pit and Webster St. The only non-ACDEH attendee was a consultant who had not present at any of the previous meetings and had not been brief on the data to be presented. ACDEH reviewed case and rationale behind the request. Meeting held on April 20, 2016 for discussion of the results of the approved work plan to address residual contamination in the swath of soil between the former fuel tank pit and Webster St. The areas investigated are the location of the proposed elevator pit and the swath of soil between the former fuel tank pit and Webster St. The laboratory report documented concentrations of up to 42,000 micrograms per liter (ug/L) total petroleum hydrocarbons as gasoline (TPHg),110 ug/L benzene, and 2,300 ug/L naphthalene in groundwater and up to 2,700,000 micrograms per cubic meter (ug/m3) TPHg and ug/m3 benzene in soil gas. The sample collection and analysis provided to ACDEH as an email attachment on 4/19/2016 for the 4/20/2016 meeting. The data demonstrated the existence of potential vapor intrusion risks and indicates the presence of residual product. At the meeting, ACDEH requested an attempt be made to determine if residual source is present and the limits of the contamination. ACDEH requested on-site soil borings be advanced along the strip of native soil between the former tank pit and Webster Street and to present the findings in a document which would include a cross section through this area showing the distribution of contaminants, depth to water (dtw), and the proposed clean fill line for a 5-foot sub-slab bioattenuation zone. Meeting held on March 30, 2016 for discussion of path forward addressing vapor intrusion due to residual contamination with respect to proposed development. ACEH requested preparation of a work plan to investigate this concern. Meeting held on January 08, 2016 for presentation of proposed development. ACEH requested figures, cross sections and data tables to be provided electronically for the case file. Case documents delivered to ACEH on 2/29/2016 for review prior to meeting of 3/30/2016. At the meeting, it was agreed that the next course of action is for work plan submittal for collection of soil

411 MACARTHUR REDEVELOPMENT (Continued) **S113013790**

gas and grab-groundwater samples. The work plan was approved and implemented. The laboratory report documented concentrations of up to 42,000 ug/L TPHg,110 ug/L benzene, and 2,300 ug/L naphthalene in groundwater and up to 2,700,000 ug/m3 TPHg and ug/m3 benzene in soil gas. The sample collection and analysis provided to ACDEH as an email attachment on 4/19/2016 for meeting held on 4/20/2016. The data demonstrated the existence of potential vapor intrusion risks and indicates the presence of residual product. At the meeting ACEH requested an attempt be made to determine if residual source is present and the limits of the contamination. ACDEH letter dated 4/22/2016 requested submittal of work plan.

Click here to access the California GeoTracker records for this facility:

HIST UST:

File Number:	00036460
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036460.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:

HAZNET:

envid:	S113013790
Year:	1996
GEPAID:	CAD982054314
Contact:	UNOCAL CORP
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Not reported
TSD EPA ID:	CAD083166728
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	2.9190
Cat Decode:	Not reported
Method Decode:	Not reported

411 MACARTHUR REDEVELOPMENT (Continued) **S113013790**

Facility County: 1

envid: S113013790
Year: 1995
GEPAID: CAD982054314
Contact: UNOCAL CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .2376
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S113013790
Year: 1994
GEPAID: CAD982054314
Contact: UNOCAL CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Not reported
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S113013790
Year: 1994
GEPAID: CAD982054314
Contact: UNOCAL CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S113013790

411 MACARTHUR REDEVELOPMENT (Continued) **S113013790**

Year:	1993
GEPAID:	CAD982054314
Contact:	UNOCAL CORP
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Disposal, Other
Tons:	8.34000000000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

87
NE
1/4-1/2
0.274 mi.
1449 ft.

CVS PHARMACY # 9130
175 41ST ST
OAKLAND, CA 94611

LUST **S102435237**
Alameda County CS **N/A**
HAZNET
HIST CORTESE

Relative:
Higher

Actual:
108 ft.

LUST:

Region:	STATE
Global Id:	T0600101317
Latitude:	37.826653
Longitude:	-122.25319
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/14/1994
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-1427
LOC Case Number:	RO0000534
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
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:	T0600101317
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600101317

CVS PHARMACY # 9130 (Continued) **S102435237**

Status: Open - Case Begin Date
Status Date: 12/10/1990

Global Id: T0600101317
Status: Completed - Case Closed
Status Date: 09/14/1994

Regulatory Activities:
Global Id: T0600101317
Action Type: Other
Date: 12/10/1990
Action: Leak Reported

Global Id: T0600101317
Action Type: REMEDIATION
Date: 05/16/1991
Action: Excavation

LUST REG 2:
Region: 2
Facility Id: 01-1427
Facility Status: Case Closed
Case Number: 3800
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 11/8/1990
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000534
PE: 5602
Facility Status: Case Closed

HAZNET:
envid: S102435237
Year: 2015
GEPAID: CAR000234823
Contact: WENDY BRANT
Telephone: 4017651500
Mailing Name: Not reported
Mailing Address: 1 CVS DR - MC 1160
Mailing City,St,Zip: WOONSOCKET, RI 02895
Gen County: Alameda
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Unspecified solvent mixture

CVS PHARMACY # 9130 (Continued) **S102435237**

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.013
Cat Decode: Unspecified solvent mixture
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Alameda

envid: S102435237
Year: 2015
GEPAID: CAR000234823
Contact: WENDY BRANT
Telephone: 4017651500
Mailing Name: Not reported
Mailing Address: 1 CVS DR - MC 1160
Mailing City,St,Zip: WOONSOCKET, RI 02895
Gen County: Alameda
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0215
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Alameda

envid: S102435237
Year: 2015
GEPAID: CAR000234823
Contact: WENDY BRANT
Telephone: 4017651500
Mailing Name: Not reported
Mailing Address: 1 CVS DR - MC 1160
Mailing City,St,Zip: WOONSOCKET, RI 02895
Gen County: Alameda
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Pharmaceutical waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.102
Cat Decode: Pharmaceutical waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Alameda

envid: S102435237
Year: 2015
GEPAID: CAR000234823
Contact: WENDY BRANT
Telephone: 4017651500
Mailing Name: Not reported
Mailing Address: 1 CVS DR - MC 1160
Mailing City,St,Zip: WOONSOCKET, RI 02895
Gen County: Alameda

CVS PHARMACY # 9130 (Continued) **S102435237**

TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Unspecified solvent mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0165
Cat Decode:	Unspecified solvent mixture
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Alameda

envid:	S102435237
Year:	2015
GEPAID:	CAR000234823
Contact:	WENDY BRANT
Telephone:	4017651500
Mailing Name:	Not reported
Mailing Address:	1 CVS DR - MC 1160
Mailing City,St,Zip:	WOONSOCKET, RI 02895
Gen County:	Alameda
TSD EPA ID:	CAD980884183
TSD County:	Sacramento
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.007
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Alameda

Click this hyperlink while viewing on your computer to access
19 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1427

O88 **ACCUTUNE** **LUST** **S103472332**
North **4045 BROADWAY** **HIST CORTESE** **N/A**
1/4-1/2 **OAKLAND, CA 94611**
0.294 mi.
1552 ft. **Site 1 of 3 in cluster O**

Relative:
Higher

Actual:
100 ft.

LUST REG 2:

Region:	2
Facility Id:	01-2417
Facility Status:	Case Closed
Case Number:	1142
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	10/31/1995
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported

ACCUTUNE (Continued) **S103472332**

Preliminary Site Assesment Began: 1/1/1995
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2417

O89 **ACCUTUNE** **LUST** **S103982440**
North **4045 BROADWAY** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94603**
0.294 mi.
1552 ft. **Site 2 of 3 in cluster O**

Relative:
Higher

Actual:
100 ft.

LUST:
Region: STATE
Global Id: T0600102226
Latitude: 37.828317
Longitude: -122.25662
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/20/2001
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 01-2417
LOC Case Number: RO0000432
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
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: T0600102226
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600102226
Status: Open - Case Begin Date
Status Date: 06/26/1996

Global Id: T0600102226
Status: Completed - Case Closed
Status Date: 02/20/2001

ACCUTUNE (Continued) **S103982440**

Regulatory Activities:

Global Id:	T0600102226
Action Type:	Other
Date:	06/26/1996
Action:	Leak Reported
Global Id:	T0600102226
Action Type:	ENFORCEMENT
Date:	01/06/2015
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0600102226
Action Type:	ENFORCEMENT
Date:	02/20/2001
Action:	Closure/No Further Action Letter
Global Id:	T0600102226
Action Type:	RESPONSE
Date:	02/26/2001
Action:	Correspondence
Global Id:	T0600102226
Action Type:	RESPONSE
Date:	09/22/2000
Action:	Other Report / Document
Global Id:	T0600102226
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Excavation

Alameda County CS:

Status:	Case Closed
Record Id:	RO0000432
PE:	5602
Facility Status:	Case Closed

M90 **UNOCAL** **LUST** **1000167106**
SSE **96 MACARTHUR BLVD** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94610** **SWEEPS UST**
0.297 mi. **HIST UST**
1567 ft. **Site 2 of 2 in cluster M** **CA FID UST**
HIST CORTESE

Relative:
Higher

Actual:
80 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1618
Facility Status:	Preliminary site assessment underway
Case Number:	1120
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	9/21/1994
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	1/2/1965

UNOCAL (Continued) **1000167106**

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000455
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000455
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

Status: Preliminary Site Assessment Underway
Record Id: RO0000455
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0000455
PE: 5602
Facility Status: Pollution Charaterization

SWEEPS UST:
Status: Active
Comp Number: 60230
Number: 1
Board Of Equalization: 44-008001
Referral Date: 03-04-92
Action Date: 04-13-93
Created Date: 02-29-88
Owner Tank Id: 1871-1-1
SWRCB Tank Id: 01-000-060230-000001
Tank Status: A
Capacity: 12000
Active Date: 03-04-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 5

Status: Active
Comp Number: 60230
Number: 1
Board Of Equalization: 44-008001
Referral Date: 03-04-92
Action Date: 04-13-93
Created Date: 02-29-88
Owner Tank Id: 1871-2-1
SWRCB Tank Id: 01-000-060230-000002
Tank Status: A
Capacity: 12000
Active Date: 03-04-92

UNOCAL (Continued) **1000167106**

Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	60230
Number:	1
Board Of Equalization:	44-008001
Referral Date:	03-04-92
Action Date:	04-13-93
Created Date:	02-29-88
Owner Tank Id:	1871-1-1
SWRCB Tank Id:	01-000-060230-000003
Tank Status:	A
Capacity:	7500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	60230
Number:	1
Board Of Equalization:	44-008001
Referral Date:	03-04-92
Action Date:	04-13-93
Created Date:	02-29-88
Owner Tank Id:	1871-2-1
SWRCB Tank Id:	01-000-060230-000004
Tank Status:	A
Capacity:	7500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	60230
Number:	1
Board Of Equalization:	44-008001
Referral Date:	03-04-92
Action Date:	04-13-93
Created Date:	02-29-88
Owner Tank Id:	1871-34
SWRCB Tank Id:	01-000-060230-000005
Tank Status:	A
Capacity:	280
Active Date:	11-11-92
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

UNOCAL (Continued) **1000167106**

HIST UST:

File Number:	0003645C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0003645C.pdf
Region:	STATE
Facility ID:	00000060230
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	TONY K. LEE
Telephone:	4156553670
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0002
Tank Num:	001
Container Num:	1871-1-1
Year Installed:	1984
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	1871-2-1
Year Installed:	1984
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	01001726
Regulated By:	UTNKA
Regulated ID:	00060230
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156553670
Mail To:	Not reported
Mailing Address:	2000 CROW CANYON PL
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94610
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1

UNOCAL (Continued) **1000167106**

Reg By: LTNKA
Reg Id: 01-1618

P91
South
1/4-1/2
0.298 mi.
1573 ft.

DORNTGE PROPERTY
410 FAIRMOUNT
OAKLAND, CA 94611

SLIC **S112917707**
HAZNET **N/A**

Site 1 of 2 in cluster P

Relative:
Higher

Actual:
84 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/30/2008
Global Id:	T06019705283
Lead Agency:	ALAMEDA COUNTY LOP
Lead Agency Case Number:	RO0002512
Latitude:	37.819011
Longitude:	-122.255961
Case Type:	Cleanup Program Site
Case Worker:	JTW
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	NA
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HAZNET:

envid:	S112917707
Year:	2002
GEPAID:	CAC002385744
Contact:	MILL DORNTGE
Telephone:	5105243326
Mailing Name:	Not reported
Mailing Address:	1321 ACTON ST
Mailing City,St,Zip:	BERKELEY, CA 947060000
Gen County:	Not reported
TSD EPA ID:	CAL000190080
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	7.58
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

P92 **DORNTGE PROPERTY** **Alameda County CS** **S106085280**
South **410 FAIRMOUNT AVE** **N/A**
1/4-1/2 **OAKLAND, CA 94611**
0.298 mi.
1573 ft. **Site 2 of 2 in cluster P**

Relative:
Higher

Actual:
84 ft.

Alameda County CS:

Status:	Leak Confirmation
Record Id:	RO0002512
PE:	5502
Facility Status:	Leak Confirmation
Status:	Pollution Characterization
Record Id:	RO0002512
PE:	5502
Facility Status:	Pollution Charaterization
Status:	Case Closed
Record Id:	RO0002512
PE:	5502
Facility Status:	Case Closed

N93 **BROADWAY MEDICAL PLAZA** **LUST** **S102425775**
WSW **3300 WEBSTER ST** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94609** **HIST CORTESE**
0.309 mi.
1633 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

Actual:
67 ft.

LUST:

Region:	STATE
Global Id:	T0600100226
Latitude:	37.821201
Longitude:	-122.262114
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/16/1997
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-0240
LOC Case Number:	RO0001055
File Location:	All Files are on GeoTracker or in the Local Agency Database
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:	T0600100226
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600100226

BROADWAY MEDICAL PLAZA (Continued) **S102425775**

Status: Open - Case Begin Date
Status Date: 06/26/1989

Global Id: T0600100226
Status: Completed - Case Closed
Status Date: 06/16/1997

Regulatory Activities:
Global Id: T0600100226
Action Type: Other
Date: 06/26/1989
Action: Leak Reported

Global Id: T0600100226
Action Type: REMEDIATION
Date: 09/01/1987
Action: Excavation

LUST REG 2:
Region: 2
Facility Id: 01-0240
Facility Status: Case Closed
Case Number: 3610
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 3/30/1989
Pollution Characterization Began: 7/27/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0001055
PE: 5602
Facility Status: Case Closed

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0240

O94 **FIVE C GROUP** **LUST** **S102430018**
North **4101 BROADWAY** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94611** **HIST CORTESE**
0.310 mi.
1635 ft. **Site 3 of 3 in cluster O**

Relative:
Higher

Actual:
100 ft.

LUST:

Region:	STATE
Global Id:	T0600100591
Latitude:	37.8285184
Longitude:	-122.2562043
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/16/1998
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-0641
LOC Case Number:	RO0001122
File Location:	All Files are on GeoTracker or in the Local Agency Database
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:	T0600100591
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600100591
Status:	Open - Case Begin Date
Status Date:	06/12/1991
Global Id:	T0600100591
Status:	Completed - Case Closed
Status Date:	12/16/1998

Regulatory Activities:

Global Id:	T0600100591
Action Type:	Other
Date:	06/12/1991
Action:	Leak Reported
Global Id:	T0600100591
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Excavation

LUST REG 2:

FIVE C GROUP (Continued) **S102430018**

Region: 2
Facility Id: 01-0641
Facility Status: Case Closed
Case Number: 3671
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0001122
PE: 5602
Facility Status: Case Closed

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0641

95
SSE
1/4-1/2
0.318 mi.
1677 ft.

BP OIL CO FACILITY NO 11102
100 MACARTHUR BLVD
OAKLAND, CA 94501

LUST **S101580086**
Alameda County CS **N/A**
SWEEPS UST
CA FID UST
HIST CORTESE

Relative:
Higher

Actual:
89 ft.

LUST:
Region: STATE
Global Id: T0600100908
Latitude: 37.8194124253144
Longitude: -122.253434658051
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/31/2014
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 01-0985
LOC Case Number: RO0000456
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Closure Status: The SWRCB issued a Notice of Opportunity for Public Comment dated 7/15/2013 on the proposed underground storage tank case closure as recommended in the SWRCB UST Case Closure Review Summary Report dated 7/16/2013. ACEH is not in agreement with the SWRCB's recommendation for closure as documented in an email correspondence dated 5/14/2012. Subsequent to the end of the Public Comment Period on 9/13/2013, the SWQCB issued ORDER WQ 2013-097-UST dated 9/30/2013

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

ordering closure of the case after completion of monitoring well destruction and waste removal activities. The Order requires the following: 1) RP submittal of well destruction and waste removal documentation to the Alameda County Environmental Health's Local Oversight Agency within six month from the date of the Order (March 30, 2014). 2) ACEH notification to the SWRCB within 30 days of receipt of well destruction and waste removal documentation that the tasks have been satisfactorily completed. 3) SWRCB issuance of a closure letter within 30 days of notification from ACEH of completion of the well destruction and waste removal activities. Site History Summary: In September 1988, one 550-gallon steel waste oil UST was removed from the site by Kaprealian Engineering. In October 1989, Alton Geoscience oversaw the installation of three GW monitoring wells (MW-1 through MW-3) to verify potential impacts to GW following the removal the WO UST. In 1990, new USTs, dispenser islands, and canopy were installed at the site. In November 1994, EMCON conducted a site assessment that consisted of collecting two discrete soil samples (TD-1 and TD-3).I In May 1999, Cambria performed a well recovery test. In July 2005, five borings (SB-4 through SB-8) were installed by URS to further characterize the subsurface hydrocarbon contamination at the site. In October 2007, URS advanced three off-site borings (SB-1, SB-2, and SB-3) between the site and the storm drain under MacArthur Boulevard, and one on-site soil boring (SB-4A). In September 2010 ARCADIS installed one downgradient monitoring well (MW-4). Currently, downgradient extent of contamination has not been assessed.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600100908
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600100908
Status:	Open - Case Begin Date
Status Date:	09/19/1988
Global Id:	T0600100908
Status:	Open - Site Assessment
Status Date:	10/26/1988
Global Id:	T0600100908
Status:	Open - Site Assessment
Status Date:	12/20/1989
Global Id:	T0600100908
Status:	Open - Eligible for Closure
Status Date:	04/23/2013
Global Id:	T0600100908

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Status: Open - Eligible for Closure
Status Date: 07/15/2013

Global Id: T0600100908
Status: Completed - Case Closed
Status Date: 07/31/2014

Regulatory Activities:

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 06/22/2012
Action: Staff Letter

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 05/04/2005
Action: Staff Letter - #20050504

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 09/06/2012
Action: Meeting - #20120906

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 04/24/2009
Action: Staff Letter - #20090424

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 01/08/2009
Action: Technical Correspondence / Assistance / Other - #20090108

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 06/27/2012
Action: File review

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 02/13/2013
Action: Staff Letter - #20130213

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 09/28/2012
Action: Meeting - #20120928

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 12/18/2009
Action: Technical Correspondence / Assistance / Other - #20091218

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter - #20090709

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Global Id: T0600100908
Action Type: Other
Date: 10/26/1988
Action: Leak Reported

Global Id: T0600100908
Action Type: RESPONSE
Date: 01/29/2009
Action: Other Report / Document

Global Id: T0600100908
Action Type: RESPONSE
Date: 02/01/2010
Action: Correspondence

Global Id: T0600100908
Action Type: RESPONSE
Date: 11/30/2010
Action: Well Installation Report

Global Id: T0600100908
Action Type: RESPONSE
Date: 01/07/1988
Action: Soil and Water Investigation Report

Global Id: T0600100908
Action Type: RESPONSE
Date: 12/20/1989
Action: Preliminary Site Assessment Report

Global Id: T0600100908
Action Type: RESPONSE
Date: 12/17/2009
Action: Correspondence

Global Id: T0600100908
Action Type: RESPONSE
Date: 02/24/2000
Action: Soil and Water Investigation Report

Global Id: T0600100908
Action Type: RESPONSE
Date: 04/28/2005
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600100908
Action Type: RESPONSE
Date: 04/16/2004
Action: Soil and Water Investigation Workplan

Global Id: T0600100908
Action Type: RESPONSE
Date: 10/29/2009
Action: Correspondence

Global Id: T0600100908
Action Type: RESPONSE

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Date: 06/26/2009
Action: Correspondence

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/24/2009
Action: Correspondence

Global Id: T0600100908
Action Type: RESPONSE
Date: 09/18/2009
Action: Correspondence

Global Id: T0600100908
Action Type: RESPONSE
Date: 10/19/2000
Action: Sensitive Receptor Survey Report

Global Id: T0600100908
Action Type: RESPONSE
Date: 10/16/1989
Action: Soil and Water Investigation Workplan

Global Id: T0600100908
Action Type: RESPONSE
Date: 07/11/1998
Action: Soil and Water Investigation Workplan

Global Id: T0600100908
Action Type: RESPONSE
Date: 04/16/2004
Action: Soil and Water Investigation Workplan

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter - #20090728

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 08/21/2009
Action: Staff Letter - #20090821

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/15/2014
Action: Email Correspondence - #20140715

Global Id: T0600100908
Action Type: RESPONSE
Date: 07/23/2003
Action: Other Report / Document

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/05/1997
Action: Monitoring Report - Semi-Annually

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Global Id: T0600100908
Action Type: RESPONSE
Date: 11/15/2000
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 01/03/1992
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 12/13/1990
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 09/12/1991
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 03/31/2003
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 06/04/2004
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 12/10/2004
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/25/2005
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 09/27/1990
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 04/21/1999
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 02/12/1998
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Date: 08/28/1998
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 05/15/2000
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 04/11/2001
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 10/29/2001
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 05/02/1990
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 04/09/1992
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 07/06/1992
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 01/27/1994
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/18/1994
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/02/1995
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 03/08/1996
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 07/21/1992
Action: Monitoring Report - Other

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Global Id: T0600100908
Action Type: RESPONSE
Date: 09/10/2003
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/20/1996
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 11/06/2002
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 11/05/1999
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 10/29/2001
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 02/16/2004
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/27/2004
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/29/1992
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 01/06/1993
Action: Monitoring Report - Quarterly

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/16/1993
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 03/10/1995
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Date: 01/13/1997
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: RESPONSE
Date: 04/30/2002
Action: Monitoring Report - Semi-Annually

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/13/2014
Action: Email Correspondence - #20140713

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 05/27/2010
Action: Staff Letter - #20100527

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/31/2014
Action: Closure/No Further Action Letter

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/13/2014
Action: Staff Letter - #20140713

Global Id: T0600100908
Action Type: RESPONSE
Date: 06/05/2009
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600100908
Action Type: RESPONSE
Date: 10/24/2007
Action: Interim Remedial Action Report

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 03/28/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600100908
Action Type: RESPONSE
Date: 11/19/2009
Action: Soil and Water Investigation Report

Global Id: T0600100908
Action Type: RESPONSE
Date: 08/25/2010
Action: Soil and Water Investigation Report

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 10/14/2007
Action: * No Action - #20071410

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Meeting - #20090715

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/27/1994
Action: Notice of Responsibility - #19940727

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/12/2005
Action: Technical Correspondence / Assistance / Other - #20050712

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 05/04/2005
Action: Technical Correspondence / Assistance / Other - #20050504

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 09/14/2012
Action: Meeting - #20120914

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 08/23/2012
Action: Meeting - #20120823

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 09/30/2013
Action: State Water Board Closure Order

Global Id: T0600100908
Action Type: Other
Date: 09/19/1988
Action: Leak Discovery

Global Id: T0600100908
Action Type: RESPONSE
Date: 05/18/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100908
Action Type: RESPONSE
Date: 05/27/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600100908
Action Type: ENFORCEMENT

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Date: 07/09/2009
Action: Staff Letter - #20090709

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 06/22/2012
Action: Staff Letter - #20120622

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 09/10/2012
Action: Meeting - #20120910

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: Clean Up Fund - Letter to RP

Global Id: T0600100908
Action Type: ENFORCEMENT
Date: 08/29/2012
Action: Meeting - #20120829

LUST REG 2:
Region: 2
Facility Id: 01-0985
Facility Status: Preliminary site assessment underway
Case Number: 1108
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 10/25/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000456
PE: 5602
Facility Status: Leak Confirmation

Status: Pollution Characterization
Record Id: RO0000456
PE: 5602
Facility Status: Pollution Charaterization

Status: Case Closed
Record Id: RO0000456
PE: 5602
Facility Status: Case Closed

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

SWEEPS UST:

Status:	Active
Comp Number:	39623
Number:	1
Board Of Equalization:	44-000400
Referral Date:	05-08-92
Action Date:	05-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-039623-000001
Tank Status:	A
Capacity:	1000
Active Date:	05-08-92
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	4

Status:	Active
Comp Number:	39623
Number:	1
Board Of Equalization:	44-000400
Referral Date:	05-08-92
Action Date:	05-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-039623-000002
Tank Status:	A
Capacity:	12000
Active Date:	05-08-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	39623
Number:	1
Board Of Equalization:	44-000400
Referral Date:	05-08-92
Action Date:	05-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-039623-000003
Tank Status:	A
Capacity:	10000
Active Date:	05-08-92
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	39623
Number:	1
Board Of Equalization:	44-000400
Referral Date:	05-08-92

BP OIL CO FACILITY NO 11102 (Continued) **S101580086**

Action Date:	05-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-039623-000004
Tank Status:	A
Capacity:	6000
Active Date:	05-08-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	01001106
Regulated By:	UTNKA
Regulated ID:	00039623
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	5105231419
Mail To:	Not reported
Mailing Address:	2868 PROSPECT DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94501
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0985

96
North
1/4-1/2
0.324 mi.
1709 ft.

Relative:
Higher

Actual:
102 ft.

7-ELEVEN FOOD STORE 2212-18608
4100 BROADWAY
OAKLAND, CA 94611

LUST **1000282155**
Alameda County CS **N/A**
SWEEPS UST
HIST UST
CA FID UST
HIST CORTESE

LUST:

Region:	STATE
Global Id:	T0600100004
Latitude:	37.8286
Longitude:	-122.255594
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/27/1998
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-0005
LOC Case Number:	RO0001067

7-ELEVEN FOOD STORE 2212-18608 (Continued) **1000282155**

File Location: All Files are on GeoTracker or in the Local Agency Database
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: T0600100004
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600100004
Status: Open - Case Begin Date
Status Date: 08/29/1986

Global Id: T0600100004
Status: Completed - Case Closed
Status Date: 05/27/1998

Regulatory Activities:
Global Id: T0600100004
Action Type: Other
Date: 08/29/1986
Action: Leak Reported

Global Id: T0600100004
Action Type: REMEDIATION
Date: 10/27/1986
Action: Excavation

Global Id: T0600100004
Action Type: ENFORCEMENT
Date: 05/26/1998
Action: Closure/No Further Action Letter

LUST REG 2:
Region: 2
Facility Id: 01-0005
Facility Status: Case Closed
Case Number: 4259
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 10/13/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 10/28/1986
Pollution Characterization Began: Not reported

7-ELEVEN FOOD STORE 2212-18608 (Continued) **1000282155**

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0001067
PE: 5602
Facility Status: Case Closed

SWEEPS UST:
Status: Not reported
Comp Number: 12401
Number: Not reported
Board Of Equalization: 44-000182
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-012401-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 12401
Number: Not reported
Board Of Equalization: 44-000182
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-012401-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
File Number: 000363D6
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000363D6.pdf
Region: STATE
Facility ID: 00000012401
Facility Type: Gas Station
Other Type: Not reported
Contact Name: MICHAEL & REDIA MCGRATH
Telephone: 4155476633
Owner Name: THE SOUTHLAND CORPORATION
Owner Address: 5820 STONERIDGE MALL ROAD, SUI

7-ELEVEN FOOD STORE 2212-18608 (Continued) **1000282155**

Owner City,St,Zip: PLEASANTON, CA 94566
Total Tanks: 0002

Tank Num: 001
Container Num: 18608-1
Year Installed: 1976
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 18608-2
Year Installed: 1976
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 01000126
Regulated By: UTNKI
Regulated ID: 00012401
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155476633
Mail To: Not reported
Mailing Address: 5850 SHELLMOUND ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94611
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0005

Q97 SW 1/4-1/2 0.325 mi. 1715 ft. | **ROY ANDERSON PAINTS 3080 BROADWAY OAKLAND, CA 94611** | **LUST Alameda County CS SWEEPS UST HIST CORTESE** | **S102436060 N/A**

Site 1 of 2 in cluster Q

Relative: Lower

Actual: 51 ft.

LUST:

Region:	STATE
Global Id:	T0600101621
Latitude:	37.820262
Longitude:	-122.260812
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	06/29/2016
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	KLD
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-1752
LOC Case Number:	RO0000140
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	May 10, 1993, one 350-gallon waste-oil UST was removed from the site. Petroleum hydrocarbons were detected in soil at the time. Subsequently one monitoring well was installed and sampled once. No petroleum hydrocarbons were detected in the two soil samples collected from the boring at 21 and 26 feet. However, petroleum hydrocarbons were detected in groundwater. Only one sampling event was reported.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101621
Contact Type:	Local Agency Caseworker
Contact Name:	KAREL DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	karel.detterman@acgov.org
Phone Number:	5105676708

Global Id:	T0600101621
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600101621
Status:	Open - Case Begin Date
Status Date:	05/10/1993

Global Id:	T0600101621
Status:	Open - Site Assessment
Status Date:	01/28/1994

ROY ANDERSON PAINTS (Continued) **S102436060**

Global Id: T0600101621
Status: Open - Eligible for Closure
Status Date: 06/29/2016

Regulatory Activities:

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600101621
Action Type: Other
Date: 05/10/1993
Action: Leak Stopped

Global Id: T0600101621
Action Type: RESPONSE
Date: 08/08/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600101621
Action Type: RESPONSE
Date: 10/28/2011
Action: Monitoring Report - Other

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600101621
Action Type: Other
Date: 10/15/1993
Action: Leak Reported

Global Id: T0600101621
Action Type: RESPONSE
Date: 03/02/2012
Action: Soil and Water Investigation Workplan

Global Id: T0600101621
Action Type: RESPONSE
Date: 08/30/2016
Action: Other Report / Document

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 10/30/2014
Action: Meeting - #20141030

Global Id: T0600101621
Action Type: ENFORCEMENT

ROY ANDERSON PAINTS (Continued) **S102436060**

Date: 10/30/2014
Action: Staff Letter - #20141030

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 07/25/2011
Action: Staff Letter - #20110725

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 06/19/2014
Action: Staff Letter - #20140619

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 06/30/2016
Action: Staff Letter - #20160630

Global Id: T0600101621
Action Type: RESPONSE
Date: 01/30/2015
Action: Monitoring Report - Other

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 02/14/2011
Action: Notice of Violation - #20110214

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 12/28/2011
Action: Staff Letter - #20111228

Global Id: T0600101621
Action Type: RESPONSE
Date: 07/31/2014
Action: Email Correspondence

Global Id: T0600101621
Action Type: RESPONSE
Date: 12/31/2014
Action: Monitoring Report - Other

Global Id: T0600101621
Action Type: ENFORCEMENT
Date: 06/11/2013
Action: File review

Global Id: T0600101621
Action Type: Other
Date: 05/10/1993
Action: Leak Discovery

Global Id: T0600101621
Action Type: RESPONSE
Date: 03/15/2011
Action: Electronic Reporting Submittal Due

ROY ANDERSON PAINTS (Continued) **S102436060**

LUST REG 2:

Region:	2
Facility Id:	01-1752
Facility Status:	Leak being confirmed
Case Number:	4584
How Discovered:	Tank Closure
Leak Cause:	Corrosion
Leak Source:	Tank
Date Leak Confirmed:	5/10/1993
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Alameda County CS:

Status:	Preliminary Site Assessment Underway
Record Id:	RO0000140
PE:	5602
Facility Status:	Preliminary Site Assessment Underway

SWEEPS UST:

Status:	Not reported
Comp Number:	13466
Number:	Not reported
Board Of Equalization:	44-035177
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-013466-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	1

Status:	Active
Comp Number:	13466
Number:	2
Board Of Equalization:	44-035177
Referral Date:	05-07-93
Action Date:	11-29-93
Created Date:	11-29-93
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported

ROY ANDERSON PAINTS (Continued) **S102436060**

Number Of Tanks: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1752

Q98
SW
1/4-1/2
0.338 mi.
1783 ft.

BAY AREA RENTALS **LUST** **U003299752**
3074 BROADWAY **Alameda County CS** **N/A**
OAKLAND, CA 94611 **HIST CORTESE**

Site 2 of 2 in cluster Q

Relative:
Lower

Actual:
50 ft.

LUST:
Region: STATE
Global Id: T0600102134
Latitude: 37.820016
Longitude: -122.261031
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/19/1999
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 01-2320
LOC Case Number: RO0000742
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
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: T0600102134
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600102134
Status: Open - Case Begin Date
Status Date: 09/21/1994

Global Id: T0600102134
Status: Completed - Case Closed
Status Date: 10/19/1999

Regulatory Activities:
Global Id: T0600102134
Action Type: Other
Date: 09/21/1994

BAY AREA RENTALS (Continued) **U003299752**

Action: Leak Reported

LUST REG 2:

Region:	2
Facility Id:	01-2320
Facility Status:	Case Closed
Case Number:	5193
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	3/20/1998
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Alameda County CS:

Status:	Case Closed
Record Id:	RO0000742
PE:	5602
Facility Status:	Case Closed

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2320

99
SW
1/4-1/2
0.346 mi.
1829 ft.

Relative:
Lower

Actual:
62 ft.

CONNELL OLDS **RCRA-SQG** **1000312755**
3093 BROADWAY **LUST** **CAD981973365**
OAKLAND, CA 94611 **Alameda County CS**
SWEEPS UST
HIST UST
CA FID UST
FINDS
EMI
HAZNET
HIST CORTESE
Notify 65
ECHO

RCRA-SQG:

Date form received by agency:	05/11/1987
Facility name:	CONNELL OLDS
Facility address:	3093 BROADWAY OAKLAND, CA 94611
EPA ID:	CAD981973365
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3093 BROADWAY OAKLAND, CA 94611
Contact country:	US
Contact telephone:	(415) 893-9110

CONNELL OLDS (Continued) **1000312755**

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: DEAN WEAVER
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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
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

LUST:
Region: STATE
Global Id: T0600100406
Latitude: 37.8205989459
Longitude: -122.261588573456
Case Type: LUST Cleanup Site
Status: Open - Assessment & Interim Remedial Action
Status Date: 03/17/2006

CONNELL OLDS (Continued) **1000312755**

Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KLD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-0447
LOC Case Number: RO0000199
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Three USTs removed in December 1989. Following UST removals, borings, which detected free product, were installed at the site. Additional site investigations were conducted in 1992. An SVE system operated from October 1996 to March 1998. In November 2004, DPE was proposed at the site, which was approved in March 2006. Corrective action implemented April 2011 & is in current operation.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0600100406
Contact Type: Local Agency Caseworker
Contact Name: KAREL DETTERMAN
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 Harbor Bay Parkway
City: ALAMEDA
Email: karel.detterman@acgov.org
Phone Number: 5105676708

Global Id: T0600100406
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600100406
Status: Open - Case Begin Date
Status Date: 10/03/1989

Global Id: T0600100406
Status: Open - Site Assessment
Status Date: 10/03/1989

Global Id: T0600100406
Status: Open - Site Assessment
Status Date: 03/22/1990

Global Id: T0600100406
Status: Open - Site Assessment
Status Date: 07/19/1990

Global Id: T0600100406
Status: Open - Site Assessment
Status Date: 12/07/1990

CONNELL OLDS (Continued) **1000312755**

Global Id: T0600100406
Status: Open - Assessment & Interim Remedial Action
Status Date: 03/17/2006

Regulatory Activities:

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 09/13/1988
Action: Staff Letter

Global Id: T0600100406
Action Type: Other
Date: 10/03/1989
Action: Leak Reported

Global Id: T0600100406
Action Type: RESPONSE
Date: 03/01/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0600100406
Action Type: RESPONSE
Date: 12/23/1997
Action: Soil and Water Investigation Workplan

Global Id: T0600100406
Action Type: RESPONSE
Date: 04/28/2011
Action: Other Report / Document

Global Id: T0600100406
Action Type: RESPONSE
Date: 03/22/1990
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 05/08/2000
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600100406
Action Type: RESPONSE
Date: 03/16/1990
Action: Soil and Water Investigation Workplan

Global Id: T0600100406
Action Type: RESPONSE
Date: 08/22/1990
Action: Soil and Water Investigation Workplan

Global Id: T0600100406
Action Type: RESPONSE
Date: 07/15/1992
Action: Soil and Water Investigation Workplan

Global Id: T0600100406
Action Type: RESPONSE

CONNELL OLDS (Continued) **1000312755**

Date: 04/15/1999
Action: Soil and Water Investigation Workplan

Global Id: T0600100406
Action Type: RESPONSE
Date: 04/17/1986
Action: Correspondence

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 05/14/2015
Action: Staff Letter - #20150514

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 12/04/2014
Action: Staff Letter - #20141204

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 12/04/2014
Action: Staff Letter - #20141204

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 07/31/2015
Action: Staff Letter - #20150731

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 07/29/2015
Action: Staff Letter - #20150729

Global Id: T0600100406
Action Type: RESPONSE
Date: 07/27/2004
Action: Correspondence

Global Id: T0600100406
Action Type: RESPONSE
Date: 02/03/1994
Action: Soil and Water Investigation Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 03/16/2001
Action: CAP/RAP - Feasibility Study Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 01/09/2006
Action: Corrective Action Plan / Remedial Action Plan - Addendum

CONNELL OLDS (Continued) **1000312755**

Global Id: T0600100406
Action Type: RESPONSE
Date: 11/11/2004
Action: Interim Remedial Action Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 03/30/2000
Action: Sensitive Receptor Survey Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 12/12/1990
Action: Preliminary Site Assessment Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 06/03/1991
Action: Soil and Water Investigation Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 12/14/1995
Action: Other Report / Document

Global Id: T0600100406
Action Type: RESPONSE
Date: 11/06/1995
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 02/10/2010
Action: Notice to Comply - #20100107

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 12/12/2014
Action: Meeting - #20141212

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 10/11/2013
Action: Meeting - #20131011

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 07/21/2015
Action: Meeting - #20150721

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 10/25/2013
Action: Staff Letter - #20131025

Global Id: T0600100406
Action Type: ENFORCEMENT

CONNELL OLDS (Continued) **1000312755**

Date: 04/07/2015
Action: Notice of Responsibility - #2015-04-07

Global Id: T0600100406
Action Type: RESPONSE
Date: 10/28/2014
Action: Other Workplan - Regulator Responded

Global Id: T0600100406
Action Type: RESPONSE
Date: 04/23/2015
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 04/03/2015
Action: Staff Letter - #20150403

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 04/22/2014
Action: Meeting - #20140422

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 11/04/2014
Action: Staff Letter - #20141104

Global Id: T0600100406
Action Type: RESPONSE
Date: 03/09/2016
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 09/04/2015
Action: Staff Letter - #20150904

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 09/03/2015
Action: Meeting - #20150903

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 03/11/2016
Action: Staff Letter - #20160311

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 07/29/2016
Action: Email Correspondence - #20160729

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 07/18/2016
Action: Staff Letter - #20160718

CONNELL OLDS (Continued) **1000312755**

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 12/15/2015
Action: Meeting - #20151215

Global Id: T0600100406
Action Type: RESPONSE
Date: 04/28/2008
Action: Soil and Water Investigation Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600100406
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600100406
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600100406
Action Type: RESPONSE
Date: 08/27/2008
Action: Soil and Water Investigation Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0600100406
Action Type: RESPONSE
Date: 04/30/2010
Action: Interim Remedial Action Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 04/10/2015
Action: Pilot Study / Treatability Workplan

Global Id: T0600100406
Action Type: REMEDIATION
Date: 12/12/1989
Action: Excavation

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 09/16/2016
Action: Meeting - #20160916

Global Id: T0600100406
Action Type: RESPONSE

CONNELL OLDS (Continued) **1000312755**

Date: 12/15/2014
Action: Other Report / Document

Global Id: T0600100406
Action Type: RESPONSE
Date: 12/15/2014
Action: Other Report / Document

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 04/05/2016
Action: Meeting - #20160405

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 04/21/2016
Action: Email Correspondence - #20160421

Global Id: T0600100406
Action Type: RESPONSE
Date: 02/06/2015
Action: Soil and Water Investigation Report

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 03/20/2008
Action: Staff Letter - #20080320

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 03/20/2008
Action: Staff Letter - #20080320B

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 06/06/2008
Action: Staff Letter - #20080606

Global Id: T0600100406
Action Type: Other
Date: 10/03/1989
Action: Leak Discovery

Global Id: T0600100406
Action Type: RESPONSE
Date: 05/18/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100406
Action Type: RESPONSE
Date: 05/18/2016
Action: Soil and Water Investigation Report

Global Id: T0600100406
Action Type: RESPONSE
Date: 05/18/2016
Action: Soil and Water Investigation Report

CONNELL OLDS (Continued) **1000312755**

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 06/06/2008
Action: Staff Letter

Global Id: T0600100406
Action Type: ENFORCEMENT
Date: 03/20/2008
Action: Staff Letter

Global Id: T0600100406
Action Type: RESPONSE
Date: 09/15/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100406
Action Type: RESPONSE
Date: 11/06/2015
Action: Other Workplan

LUST REG 2:
Region: 2
Facility Id: 01-0447
Facility Status: Preliminary site assessment underway
Case Number: 469
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/7/1991
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000199
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000199
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

Status: Preliminary Site Assessment Underway
Record Id: RO0000199
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0000199

CONNELL OLDS (Continued) **1000312755**

PE: 5602
Facility Status: Pollution Charaterization

SWEEPS UST:
Status: Not reported
Comp Number: 9788
Number: Not reported
Board Of Equalization: 44-000144
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-009788-000001
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 9788
Number: Not reported
Board Of Equalization: 44-000144
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-009788-000002
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 9788
Number: Not reported
Board Of Equalization: 44-000144
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-009788-000003
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:

CONNELL OLDS (Continued) **1000312755**

File Number:	00035EB1
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035EB1.pdf
Region:	STATE
Facility ID:	00000009788
Facility Type:	Other
Other Type:	AUTOMOBILE DEALER
Contact Name:	S. DEAN WEAVER
Telephone:	4158939110
Owner Name:	CONNELL MOTOR CO.
Owner Address:	3093 BROADWAY
Owner City,St,Zip:	OAKLAND, CA 94611
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1947
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:	1947
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1947
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	01000582
Regulated By:	UTNKI
Regulated ID:	00009788
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4158939110
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94611
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported

CONNELL OLDS (Continued) **1000312755**

EPA ID: Not reported
Comments: Not reported
Status: Inactive

FINDS:

Registry ID: 110002761100

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

EMI:

Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	11066
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	1
Air Basin:	SF
Facility ID:	12394
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	1

CONNELL OLDS (Continued) **1000312755**

Air Basin:	SF
Facility ID:	12394
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	1
Air Basin:	SF
Facility ID:	16503
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	16503
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.132
Reactive Organic Gases Tons/Yr:	0.132
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	1
Air Basin:	SF
Facility ID:	16503
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

CONNELL OLDS (Continued) **1000312755**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.132
Reactive Organic Gases Tons/Yr:	.132
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	1
Air Basin:	SF
Facility ID:	16503
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.132
Reactive Organic Gases Tons/Yr:	.132
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	16503
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.33
Reactive Organic Gases Tons/Yr:	.33
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	16503
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.33
Reactive Organic Gases Tons/Yr:	.33
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

CONNELL OLDS (Continued) **1000312755**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2009
County Code: 1
Air Basin: SF
Facility ID: 16503
Air District Name: BA
SIC Code: 5511
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.33000000000000002
Reactive Organic Gases Tons/Yr: 0.33000000000000002
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HAZNET:
envid: 1000312755
Year: 2008
GEPAID: CAD981973365
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 3093 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115712
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 1.48035
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000312755
Year: 2002
GEPAID: CAD981973365
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 3093 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115712
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 6.42
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

CONNELL OLDS (Continued) **1000312755**

envid: 1000312755
Year: 2001
GEPAID: CAD981973365
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 3093 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115712
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 12.8
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000312755
Year: 2000
GEPAID: CAD981973365
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 3093 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115712
Gen County: Not reported
TSD EPA ID: CAD982446874
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: 1.04
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000312755
Year: 2000
GEPAID: CAD981973365
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 3093 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115712
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 5.6
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

Click this hyperlink while viewing on your computer to access
45 additional CA_HAZNET: record(s) in the EDR Site Report.

CONNELL OLDS (Continued) **1000312755**

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0447

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

ECHO:
Envid: 1000312755
Registry ID: 110002761100
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002761100

R100 **CARDIO PULMANARY BUILDING** **Notify 65** **S100179153**
WSW **365 HAWTHRONE STREET** **N/A**
1/4-1/2 **OAKLAND, CA 92626**
0.397 mi.
2097 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
88 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

S101 **DOWNTOWN AUTO CTR** **RCRA-SQG** **1000597615**
North **4145 BROADWAY** **LUST** **CAD983616327**
1/4-1/2 **OAKLAND, CA 94611** **Alameda County CS**
0.398 mi. **AST**
2099 ft. **Site 1 of 2 in cluster S** **SWEEPS UST**
HIST UST
Relative: **CA FID UST**
Higher **FINDS**
HAZNET
Actual: **HIST CORTESE**
101 ft. **ECHO**

RCRA-SQG:
Date form received by agency: 01/20/1992
Facility name: DOWNTOWN AUTO CTR
Facility address: 4145 BROADWAY
OAKLAND, CA 94611
EPA ID: CAD983616327
Contact: MIKE WITT
Contact address: 4145 BROADWAY

DOWNTOWN AUTO CTR (Continued) **1000597615**

	OAKLAND, CA 94611
Contact country:	US
Contact telephone:	(510) 547-4436
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:	RALPH FATTORE
Owner/operator address:	4145 BROADWAY
	OAKLAND, CA 94611
Owner/operator country:	Not reported
Owner/operator telephone:	(510) 547-4436
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

LUST:

Region:	STATE
Global Id:	T0600102227
Latitude:	37.829753
Longitude:	-122.255588
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/24/2014
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	KLD
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-2418
LOC Case Number:	RO0000509
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)

DOWNTOWN AUTO CTR (Continued) **1000597615**

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not all historic documents for the fuel leak case may be available on Geotracker. A complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp On February 7, 1992 one-500-gallon waste oil UST was removed from the site. Up to130 mg/kg TPHg, 900 mg/kg TPHmo and 630 mg/kg oil and grease were detected in soil from beneath the tank pit. Groundwater collected from that tank pit boring also contained petroleum hydrocarbons. Subsequent borings indicated maximum groundwater concentrations of 520,000 a%g/L TRPH, 16,000 a%g/L TPHg, 36,000 a%g/L TPHmo. A work plan was submitted to define the source area and lateral and vertical extent of contamination, the work was implemented in 10/2013, and the analytical results reported in the 11/18/2013 Investigation Report indicated the absence of contamination in the source area.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600102227
Contact Type:	Local Agency Caseworker
Contact Name:	KAREL DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	karel.detterman@acgov.org
Phone Number:	5105676708

Global Id:	T0600102227
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600102227
Status:	Open - Case Begin Date
Status Date:	02/12/1992

Global Id:	T0600102227
Status:	Open - Site Assessment
Status Date:	02/24/1992

Global Id:	T0600102227
Status:	Open - Site Assessment
Status Date:	12/10/1993

Global Id:	T0600102227
Status:	Open - Site Assessment
Status Date:	12/16/1993

Global Id:	T0600102227
Status:	Open - Site Assessment
Status Date:	03/11/1994

DOWNTOWN AUTO CTR (Continued) **1000597615**

Global Id: T0600102227
Status: Open - Eligible for Closure
Status Date: 04/23/2014

Global Id: T0600102227
Status: Completed - Case Closed
Status Date: 09/24/2014

Regulatory Activities:

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 07/25/2008
Action: Staff Letter - #07/25/2008

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 09/25/2013
Action: Staff Letter - #20130925

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 03/02/2012
Action: File review

Global Id: T0600102227
Action Type: Other
Date: 02/07/1992
Action: Leak Stopped

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 07/09/2013
Action: Staff Letter - #20130709

Global Id: T0600102227
Action Type: Other
Date: 02/24/1992
Action: Leak Reported

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 02/03/2014
Action: Staff Letter - #20140203

Global Id: T0600102227
Action Type: RESPONSE
Date: 10/05/2012
Action: Electronic Reporting Submittal Due

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 07/24/2009

DOWNTOWN AUTO CTR (Continued) **1000597615**

Action: Staff Letter - #20090724

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 06/16/2014
Action: Staff Letter - #20140616

Global Id: T0600102227
Action Type: RESPONSE
Date: 07/30/2013
Action: Verbal Communication - Regulator Responded

Global Id: T0600102227
Action Type: RESPONSE
Date: 02/26/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 04/25/2014
Action: Staff Letter - #20140425

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 03/18/2011
Action: Notice of Responsibility - #20110318

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 09/24/2014
Action: Closure/No Further Action Letter - #20140924

Global Id: T0600102227
Action Type: RESPONSE
Date: 11/25/2008
Action: Soil and Water Investigation Report

Global Id: T0600102227
Action Type: RESPONSE
Date: 07/28/2014
Action: Correspondence

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 03/18/2011
Action: Staff Letter - #20110318

Global Id: T0600102227
Action Type: ENFORCEMENT
Date: 08/06/2012
Action: Staff Letter - #20120806

Global Id: T0600102227
Action Type: Other
Date: 02/07/1992
Action: Leak Discovery

DOWNTOWN AUTO CTR (Continued) **1000597615**

Global Id: T0600102227
Action Type: RESPONSE
Date: 05/18/2011
Action: Conceptual Site Model

LUST REG 2:
Region: 2
Facility Id: 01-2418
Facility Status: Preliminary site assessment underway
Case Number: 01-1149
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 9/16/1993
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000509
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000509
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

Status: Preliminary Site Assessment Underway
Record Id: RO0000509
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0000509
PE: 5602
Facility Status: Pollution Charaterization

Status: Case Closed
Record Id: RO0000509
PE: 5602
Facility Status: Case Closed

AST:
Certified Unified Program Agencies: Not reported
Owner: Ralph Frattore
Total Gallons: Not reported
CERSID: 10622893
Facility ID: Not reported
Business Name: Downtown Auto Center

DOWNTOWN AUTO CTR (Continued) **1000597615**

Phone:	510-547-4436
Fax:	Not reported
Mailing Address:	4145 Broadway
Mailing Address City:	Oakland
Mailing Address State:	CA
Mailing Address Zip Code:	94611
Operator Name:	Downtown Auto Center Inc.
Operator Phone:	510-547-4436
Owner Phone:	510-547-4436
Owner Mail Address:	4145 Broadway
Owner State:	CA
Owner Zip Code:	94611
Owner Country:	United States
Property Owner Name:	Classic Investments
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:	United States
EPAID:	CAD 98361632

SWEEPS UST:

Status:	Active
Comp Number:	59535
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	01-000-059535-000001
Tank Status:	A
Capacity:	500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	W
Content:	UNKNOWN
Number Of Tanks:	5

Status:	Active
Comp Number:	59535
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	01-000-059535-000002
Tank Status:	A
Capacity:	500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	W
Content:	UNKNOWN
Number Of Tanks:	Not reported

DOWNTOWN AUTO CTR (Continued) **1000597615**

Status:	Active
Comp Number:	59535
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	3
SWRCB Tank Id:	01-000-059535-000003
Tank Status:	A
Capacity:	500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	W
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	59535
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	4
SWRCB Tank Id:	01-000-059535-000004
Tank Status:	A
Capacity:	500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	W
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	59535
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	5
SWRCB Tank Id:	01-000-059535-000005
Tank Status:	A
Capacity:	500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	W
Content:	UNKNOWN
Number Of Tanks:	Not reported

HIST UST:

File Number:	00036227
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036227.pdf
Region:	STATE
Facility ID:	00000059535
Facility Type:	Other

DOWNTOWN AUTO CTR (Continued) **1000597615**

Other Type:	MOTOR VEHICLE REPAIR
Contact Name:	WILLIAM N. PATTIE
Telephone:	4155474436
Owner Name:	PATTERSON RANCH INC., A CORPOR
Owner Address:	3493 SILVER SPRINGS ROAD
Owner City,St,Zip:	LA FAYETTE, CA 94549
Total Tanks:	0005

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None

Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 01002777

DOWNTOWN AUTO CTR (Continued) **1000597615**

Regulated By:	UTNKA
Regulated ID:	00059535
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4155474436
Mail To:	Not reported
Mailing Address:	4145 BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94611
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

FINDS:

Registry ID: 110002866970

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.

STATE MASTER

HAZNET:

envid:	1000597615
Year:	2015
GEPAID:	CAD983616327
Contact:	DAN VAROSH, PARTS/SERVICE DIR.
Telephone:	5105474436
Mailing Name:	Not reported
Mailing Address:	4145 BROADWAY
Mailing City,St,Zip:	OAKLAND, CA 946115111
Gen County:	Alameda
TSD EPA ID:	CAD980887418
TSD County:	Alameda
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	7.4226
Cat Decode:	Aqueous solution with total organic residues 10 percent or more
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

DOWNTOWN AUTO CTR (Continued) **1000597615**

Facility County: Alameda

envid: 1000597615
Year: 2015
GEPAID: CAD983616327
Contact: DAN VAROSH, PARTS/SERVICE DIR.
Telephone: 5105474436
Mailing Name: Not reported
Mailing Address: 4145 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115111
Gen County: Alameda
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Oil/water separation sludge
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.75
Cat Decode: Oil/water separation sludge
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Alameda

envid: 1000597615
Year: 2014
GEPAID: CAD983616327
Contact: DAN VAROSH, PARTS/SERVICE DIR.
Telephone: 5105474436
Mailing Name: Not reported
Mailing Address: 4145 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115111
Gen County: Alameda
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 4.2534
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000597615
Year: 2014
GEPAID: CAD983616327
Contact: DAN VAROSH, PARTS/SERVICE DIR.
Telephone: 5105474436
Mailing Name: Not reported
Mailing Address: 4145 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115111
Gen County: Alameda
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: 0.35
Cat Decode: Not reported

DOWNTOWN AUTO CTR (Continued) **1000597615**

Method Decode: Not reported
Facility County: Alameda

envid: 1000597615
Year: 2012
GEPAID: CAD983616327
Contact: DAN VAROSH, PARTS/SERVICE DIR.
Telephone: 5105474436
Mailing Name: Not reported
Mailing Address: 4145 BROADWAY
Mailing City,St,Zip: OAKLAND, CA 946115111
Gen County: Alameda
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.3
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

Click this hyperlink while viewing on your computer to access
23 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2418

ECHO:
Envid: 1000597615
Registry ID: 110002866970
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002866970

102
SE
1/4-1/2
0.401 mi.
2116 ft.

CITY OF OAKLAND FIRE STATION #10 **LUST** **U003713805**
172 SANTA CLARA AVE **Alameda County CS** **N/A**
OAKLAND, CA 94610 **EMI**
HIST CORTESE

Relative:
Higher

Actual:
97 ft.

LUST:
Region: STATE
Global Id: T0600100575
Latitude: 37.81868
Longitude: -122.252307
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/30/1992
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 01-0625
LOC Case Number: RO0001115
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Soil

CITY OF OAKLAND FIRE STATION #10 (Continued) **U003713805**

Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0600100575
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600100575
Status: Open - Case Begin Date
Status Date: 04/14/1989

Global Id: T0600100575
Status: Completed - Case Closed
Status Date: 09/30/1992

Regulatory Activities:
Global Id: T0600100575
Action Type: Other
Date: 04/14/1989
Action: Leak Reported

Global Id: T0600100575
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

LUST REG 2:
Region: 2
Facility Id: 01-0625
Facility Status: Case Closed
Case Number: 3661
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/30/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0001115

CITY OF OAKLAND FIRE STATION #10 (Continued) **U003713805**

PE: 5602
Facility Status: Case Closed

EMI:

Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	14295
Air District Name:	BA
SIC Code:	9224
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.002
NOX - Oxides of Nitrogen Tons/Yr:	.011
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	14295
Air District Name:	BA
SIC Code:	9224
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.006
NOX - Oxides of Nitrogen Tons/Yr:	.005
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	1
Air Basin:	SF
Facility ID:	14295
Air District Name:	BA
SIC Code:	9224
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001
Reactive Organic Gases Tons/Yr:	8.3670000000000001E-4
Carbon Monoxide Emissions Tons/Yr:	6.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	5.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	1

CITY OF OAKLAND FIRE STATION #10 (Continued) **U003713805**

Air Basin:	SF
Facility ID:	14295
Air District Name:	BA
SIC Code:	9224
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001
Reactive Organic Gases Tons/Yr:	8.3670000000000001E-4
Carbon Monoxide Emissions Tons/Yr:	8.0000000000000002E-3
NOX - Oxides of Nitrogen Tons/Yr:	6.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	1
Air Basin:	SF
Facility ID:	14295
Air District Name:	BA
SIC Code:	9224
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.004
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	14295
Air District Name:	BA
SIC Code:	9224
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.004
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	14295
Air District Name:	BA
SIC Code:	9224
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

CITY OF OAKLAND FIRE STATION #10 (Continued) **U003713805**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.004
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	14295
Air District Name:	BA
SIC Code:	9224
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000249139
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002404253
NOX - Oxides of Nitrogen Tons/Yr:	0.004222134
SOX - Oxides of Sulphur Tons/Yr:	6.634e-006
Particulate Matter Tons/Yr:	0.000145519
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000139698

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0625

T103 **YOUNG'S FOOD & LIQUOR** **HIST CORTESE** **S103988793**
NE **4193 PIEDMONT** **N/A**
1/4-1/2 **OAKLAND, CA**
0.403 mi.
2126 ft. **Site 1 of 2 in cluster T**

Relative:
Higher

Actual:
119 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1690

R104 **MERRITT HOSPITAL CARDIO PULMONARY** **LUST** **S103472360**
WSW **365 HAWTHORNE** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94609** **HIST CORTESE**
0.404 mi.
2132 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
84 ft.

LUST:

Region:	STATE
Global Id:	T0600100887
Latitude:	37.82099
Longitude:	-122.262999
Case Type:	LUST Cleanup Site

MERRITT HOSPITAL CARDIO PULMONARY (Continued) **S103472360**

Status:	Completed - Case Closed
Status Date:	08/29/1994
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-0963
LOC Case Number:	RO0001082
File Location:	All Files are on GeoTracker or in the Local Agency Database
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:	T0600100887
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600100887
Status:	Open - Case Begin Date
Status Date:	06/20/1989

Global Id:	T0600100887
Status:	Completed - Case Closed
Status Date:	08/29/1994

Regulatory Activities:

Global Id:	T0600100887
Action Type:	Other
Date:	06/20/1989
Action:	Leak Reported

LUST REG 2:

Region:	2
Facility Id:	01-0963
Facility Status:	Case Closed
Case Number:	4474
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

MERRITT HOSPITAL CARDIO PULMONARY (Continued) **S103472360**

Alameda County CS:
Status: Case Closed
Record Id: RO0001082
PE: 5602
Facility Status: Case Closed

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0963

S105 North 1/4-1/2 0.427 mi. 2255 ft. **DOWNTOWN AUTO CENTER** **LUST** **U001599602**
4171 BROADWAY **Alameda County CS** **N/A**
OAKLAND, CA 94704 **HIST UST**

Site 2 of 2 in cluster S

Relative: Higher

Actual: 102 ft.

LUST:
Region: STATE
Global Id: T10000000433
Latitude: 37.83014084
Longitude: -122.255449365763
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 12/31/1986
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KLD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: NA
LOC Case Number: RO0002990
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Diesel, Gasoline
Site History: In December 1986 two USTs were removed and elevated concentrations of petroleum hydrocarbon contamination were detected in soil. However, groundwater samples were not collected and the extent of contamination is undefined.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T10000000433
Contact Type: Local Agency Caseworker
Contact Name: KAREL DETTERMAN
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 Harbor Bay Parkway
City: ALAMEDA
Email: karel.detterman@acgov.org
Phone Number: 5105676708

Status History:
Global Id: T10000000433
Status: Open - Case Begin Date
Status Date: 12/10/1986

Global Id: T10000000433

DOWNTOWN AUTO CENTER (Continued) **U001599602**

Status: Open - Site Assessment
Status Date: 12/31/1986

Regulatory Activities:

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 05/15/2013
Action: File review

Global Id: T10000000433
Action Type: Other
Date: 12/10/1986
Action: Leak Stopped

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice to Comply

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 08/05/2014
Action: Staff Letter - #20140805

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 05/29/2015
Action: Staff Letter - #20150529

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 12/10/2009
Action: File review

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 06/30/2014
Action: Staff Letter - #20140630

Global Id: T10000000433
Action Type: RESPONSE
Date: 08/05/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 02/25/2011
Action: Notice of Violation - #20110225

Global Id: T10000000433
Action Type: Other
Date: 10/13/2008

DOWNTOWN AUTO CENTER (Continued) **U001599602**

Action: Leak Reported

Global Id: T10000000433
Action Type: REMEDIATION
Date: 03/23/1998
Action: Excavation

Global Id: T10000000433
Action Type: RESPONSE
Date: 10/06/2014
Action: Soil and Water Investigation Report

Global Id: T10000000433
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T10000000433
Action Type: RESPONSE
Date: 09/30/2014
Action: Soil and Water Investigation Report

Global Id: T10000000433
Action Type: RESPONSE
Date: 07/31/2015
Action: Soil and Water Investigation Workplan

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 05/26/2016
Action: Email Correspondence - #20160526

Global Id: T10000000433
Action Type: ENFORCEMENT
Date: 03/01/2012
Action: File review

Global Id: T10000000433
Action Type: Other
Date: 12/31/1986
Action: Leak Discovery

Global Id: T10000000433
Action Type: RESPONSE
Date: 03/28/2011
Action: Electronic Reporting Submittal Due

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0002990
PE: 5602
Facility Status: Leak Confirmation

HIST UST:
File Number: Not reported

DOWNTOWN AUTO CENTER (Continued) **U001599602**

URL:	Not reported
Region:	STATE
Facility ID:	00000029799
Facility Type:	Not reported
Other Type:	AUTO DEALERSHIP
Contact Name:	Not reported
Telephone:	4155480330
Owner Name:	XTRA OIL CO.
Owner Address:	2200 DURANT
Owner City,St,Zip:	BERKELEY, CA 94704
Total Tanks:	0005
Tank Num:	001
Container Num:	1
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	5
Year Installed:	1967
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

U106 West 1/4-1/2 0.428 mi. 2260 ft. | **FACILITY 13522-1**
494 36TH
OAKLAND, CA 94609
Site 1 of 2 in cluster U | **HIST CORTESE** | **S104579538**
N/A

Relative: Lower
Actual: 65 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	2620

T107 NE 1/4-1/2 0.437 mi. 2308 ft. | **4212-4220 PIEDMONT AVENUE**
4212-4220 PIEDMONT AVENUE
OAKLAND, CA 94601
Site 2 of 2 in cluster T | **ENVIROSTOR VCP** | **S110121741**
N/A

Relative: Higher
Actual: 120 ft.

ENVIROSTOR:

Facility ID:	60001212
Status:	Inactive - Action Required
Status Date:	01/31/2014
Site Code:	201864
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.15
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Tom Price
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.82789
Longitude:	-122.2504
APN:	NONE SPECIFIED
Past Use:	DRY CLEANING
Potential COC:	Tetrachloroethylene (PCE TPH-diesel TPH-JET FUEL TPH-MOTOR OIL Trichloroethylene (TCE 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Confirmed COC:	Tetrachloroethylene (PCE TPH-diesel 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans TPH-JET FUEL TPH-MOTOR OIL Trichloroethylene (TCE
Potential Description:	IA, OTH, SOIL, SV
Alias Name:	201864
Alias Type:	Project Code (Site Code)
Alias Name:	60001212
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	04/12/2013
Comments:	Includes correspondence from January 1 - March 30, 2013.

4212-4220 PIEDMONT AVENUE (Continued) **S110121741**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/03/2013
Comments: Email correspondence.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/09/2013
Comments: Email correspondence for the calendar 3rd quarter 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/15/2014
Comments: Email correspondence from October 1 - December 31, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2013
Comments: Estimated costs for regulatory oversight by DTSC for the 2013-14 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2011
Comments: The cost estimate is for the fiscal year from 7/1/2011 to 6/30/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 04/30/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/29/2012
Comments: The cost estimate is for anticipated regulatory oversight activities from July 1, 2012 to June 30, 2013.

Completed Area Name: PROJECT WIDE

4212-4220 PIEDMONT AVENUE (Continued) **S110121741**

Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/05/2011
Comments: Field work for collection of groundwater and soil gas was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/28/2012
Comments: The investigation characterized soil, groundwater, and soil gas at the site for dry cleaning solvent (perchloroethylene). Based on the findings of the investigation the consultant recommended additional downgradient delineation of shallow groundwater (approximately 20 feet below ground surface or less) and additional soil gas sampling inside the on-site building. The consultant recommended that a workplan for the additional investigation should be prepared.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/14/2008
Comments: The report recommended additional investigation since the property was used as a dry cleaning facility. This report included as background information, but was not prepared under DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/26/2009
Comments: Low levels of perchloroethylene (PCE) was detected in shallow soil. PCE, trichloroethene (TCE), and dichloroethenes (DCEs) were detected in shallow groundwater at a depth of approxiamtely 20 feet below ground surface. Groundwater samples contained detectable concentrations of diesel, kerosene, and motor oil. This report was not prepared under DTSC oversight, but is uploaded as background information.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 04/02/2014
Comments: VCA terminated at the request of the property owner's attorney.

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

4212-4220 PIEDMONT AVENUE (Continued) **S110121741**

Schedule Revised Date: Not reported

VCP:

Facility ID:	60001212
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.15
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Tom Price
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201864
Assembly:	15
Senate:	09
Special Programs Code:	Voluntary Cleanup Program
Status:	Inactive - Action Required
Status Date:	01/31/2014
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.82789 / -122.2504
APN:	NONE SPECIFIED
Past Use:	DRY CLEANING
Potential COC:	30022, 30024, 3002501, 3002502, 30027, 30195, 30196
Confirmed COC:	30022,30024,30195,30196,3002501,3002502,30027
Potential Description:	IA, OTH, SOIL, SV
Alias Name:	201864
Alias Type:	Project Code (Site Code)
Alias Name:	60001212
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	04/12/2013
Comments:	Includes correspondence from January 1 - March 30, 2013.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/03/2013
Comments:	Email correspondence.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	10/09/2013
Comments:	Email correspondence for the calendar 3rd quarter 2013.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	01/15/2014

4212-4220 PIEDMONT AVENUE (Continued) **S110121741**

Comments: Email correspondence from October 1 - December 31, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2013
Comments: Estimated costs for regulatory oversight by DTSC for the 2013-14 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2011
Comments: The cost estimate is for the fiscal year from 7/1/2011 to 6/30/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 04/30/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/29/2012
Comments: The cost estimate is for anticipated regulatory oversight activities from July 1, 2012 to June 30, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/05/2011
Comments: Field work for collection of groundwater and soil gas was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/28/2012
Comments: The investigation characterized soil, groundwater, and soil gas at

4212-4220 PIEDMONT AVENUE (Continued) **S110121741**

the site for dry cleaning solvent (perchloroethylene). Based on the findings of the investigation the consultant recommended additional downgradient delineation of shallow groundwater (approximately 20 feet below ground surface or less) and additional soil gas sampling inside the on-site building. The consultant recommended that a workplan for the additional investigation should be prepared.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/14/2008
Comments: The report recommended additional investigation since the property was used as a dry cleaning facility. This report included as background information, but was not prepared under DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/26/2009
Comments: Low levels of perchloroethylene (PCE) was detected in shallow soil. PCE, trichloroethene (TCE), and dichloroethenes (DCEs) were detected in shallow groundwater at a depth of approxiamtely 20 feet below ground surface. Groundwater samples contained detectable concentrations of diesel, kerosene, and motor oil. This report was not prepared under DTSC oversight, but is uploaded as background information.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 04/02/2014
Comments: VCA terminated at the request of the property owner's attorney.

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

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108 **POY-WING PROPERTY** **LUST** **S103890680**
SSE **240 MACARTHUR BLVD W** **HIST CORTESE** **N/A**
1/4-1/2 **OAKLAND, CA 94611**
0.446 mi.
2355 ft.

Relative:
Higher

Actual:
123 ft.

LUST:
Region: STATE
Global Id: T0600102243
Latitude: 37.8238932471611
Longitude: -122.256961424606
Case Type: LUST Cleanup Site
Status: Open - Verification Monitoring
Status Date: 02/01/2016
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)

POY-WING PROPERTY (Continued) **S103890680**

Case Worker: REL
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-2434
LOC Case Number: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Three 10,000-gallon USTs were removed sometime prior to 1991;however, these is no documentation of the removals. A waste oil tank was removed in 1996. Subsurface investigations were conducted between 1997 and 2001. Installation of an SVE system is currently proposed for the site. 9/1/2015 temporary Multi-phase extraction. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0600102243
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0600102243
Status: Open - Case Begin Date
Status Date: 10/03/1996

Global Id: T0600102243
Status: Open - Site Assessment
Status Date: 01/03/1997

Global Id: T0600102243
Status: Open - Site Assessment
Status Date: 02/14/1997

Global Id: T0600102243
Status: Open - Remediation
Status Date: 09/01/2015

Global Id: T0600102243
Status: Open - Verification Monitoring
Status Date: 02/01/2016

Regulatory Activities:
Global Id: T0600102243
Action Type: REMEDIATION
Date: 05/31/2007
Action: Soil Vapor Extraction (SVE)

Global Id: T0600102243

POY-WING PROPERTY (Continued) **S103890680**

Action Type: Other
Date: 01/01/1997
Action: Leak Stopped

Global Id: T0600102243
Action Type: Other
Date: 01/03/1997
Action: Leak Reported

Global Id: T0600102243
Action Type: RESPONSE
Date: 03/30/2012
Action: Soil and Water Investigation Report

Global Id: T0600102243
Action Type: RESPONSE
Date: 02/14/1997
Action: Site Assessment Report

Global Id: T0600102243
Action Type: RESPONSE
Date: 09/05/1996
Action: Correspondence

Global Id: T0600102243
Action Type: RESPONSE
Date: 03/14/2006
Action: Correspondence

Global Id: T0600102243
Action Type: RESPONSE
Date: 08/01/1997
Action: Soil and Water Investigation Report

Global Id: T0600102243
Action Type: RESPONSE
Date: 06/08/2004
Action: Soil and Water Investigation Report

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 01/09/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102243
Action Type: RESPONSE
Date: 02/01/2012
Action: Fact Sheets - Public Participation - Regulator Responded

Global Id: T0600102243
Action Type: RESPONSE
Date: 02/01/2012

POY-WING PROPERTY (Continued) **S103890680**

Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 10/30/2014
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 09/24/2014
Action: 13267 Requirement

Global Id: T0600102243
Action Type: RESPONSE
Date: 03/05/2013
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 08/26/2014
Action: Site Visit / Inspection / Sampling

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 12/05/2014
Action: 13267 Requirement

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 06/10/2015
Action: 13267 Requirement

Global Id: T0600102243
Action Type: RESPONSE
Date: 06/30/2016
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0600102243
Action Type: RESPONSE
Date: 10/12/2016
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0600102243
Action Type: REMEDIATION
Date: 11/19/1996
Action: Excavation

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 10/07/2015
Action: Site Visit / Inspection / Sampling

Global Id: T0600102243
Action Type: RESPONSE
Date: 09/30/2015
Action: Final Remedial Action Report / Corrective Action Report

POY-WING PROPERTY (Continued) **S103890680**

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 11/30/2016
Action: Staff Letter

Global Id: T0600102243
Action Type: RESPONSE
Date: 09/01/2010
Action: Other Workplan

Global Id: T0600102243
Action Type: RESPONSE
Date: 09/15/2014
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 07/01/2010
Action: Staff Letter - #2010-07-01

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 05/10/2016
Action: 13267 Requirement

Global Id: T0600102243
Action Type: Other
Date: 01/01/1997
Action: Leak Began

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 03/21/2012
Action: Referral to Regional Board - #20120321

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 02/27/2013
Action: Staff Letter

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 11/27/2012
Action: 13267 Requirement

Global Id: T0600102243
Action Type: RESPONSE
Date: 09/15/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 10/07/2013
Action: Staff Letter

Global Id: T0600102243
Action Type: ENFORCEMENT

POY-WING PROPERTY (Continued) **S103890680**

Date: 09/05/2012
Action: Meeting

Global Id: T0600102243
Action Type: ENFORCEMENT
Date: 01/16/2013
Action: File Review - Closure

Global Id: T0600102243
Action Type: Other
Date: 10/03/1996
Action: Leak Discovery

Global Id: T0600102243
Action Type: RESPONSE
Date: 03/05/2009
Action: Clean Up Fund - 5-Year Review Summary

LUST REG 2:
Region: 2
Facility Id: 01-2434
Facility Status: Leak being confirmed
Case Number: 6059
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 2/6/1997
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2434

V109 **ROBERT & RUTH BURROWS TRUST** **LUST** **S103472289**
SW **260 30TH ST** **N/A**
1/4-1/2 **OAKLAND, CA 94611**
0.455 mi.
2403 ft. **Site 1 of 5 in cluster V**

Relative:
Lower

Actual:
51 ft.

LUST REG 2:
Region: 2
Facility Id: 01-2411
Facility Status: Leak being confirmed
Case Number: 1147
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 10/27/1997

ROBERT & RUTH BURROWS TRUST (Continued) **S103472289**

Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

V110 **DOWNTOWN AUTO BODY & FRAME** **RCRA-SQG** **1000322718**
SW **260 30TH ST** **LUST** **CAD981671506**
1/4-1/2 **OAKLAND, CA 94611** **Alameda County CS**
0.455 mi. **FINDS**
2403 ft. **Site 2 of 5 in cluster V** **HAZNET**
HIST CORTESE
Relative: **ECHO**
Lower

Actual:
51 ft.

RCRA-SQG:
Date form received by agency: 01/26/1987
Facility name: DOWNTOWN AUTO BODY & FRAME
Facility address: 260 30TH ST
OAKLAND, CA 94611
EPA ID: CAD981671506
Mailing address: 30TH ST
OAKLAND, CA 94611
Contact: ENVIRONMENTAL MANAGER
Contact address: 260 30TH ST
OAKLAND, CA 94611
Contact country: US
Contact telephone: (415) 465-0310
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: NORMAN ELLISON
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

DOWNTOWN AUTO BODY & FRAME (Continued) **1000322718**

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

LUST:

Region:	STATE
Global Id:	T0600102220
Latitude:	37.818597
Longitude:	-122.261473
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	08/26/1999
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	KEN
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-2411
LOC Case Number:	RO0000247
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	On March 11, 1997, an investigation was performed to investigate the 1,000-gallon heating oil or fuel UST located in the sidewalk. Four borings were advanced on each side of the tank to maximum depths of 20 feet bgs. The maximum concentrations in soil were 9,600 mg/kg TPHg, 4,500 mg/kg TPHd, and 18,000 mg/kg Oil and Grease. No benzene or MTBE were detected. After the investigation was performed, the UST was closed in place. Groundwater was not collected at this time. An SWI conducted in 2014 reported TPHg up to 640 mg/kg19 mg/kg TPHd, and 38 mg/kg TPHmo. Benzene, toluene, and MTBE were ND, Max ethyl benzene, xylenes and naphthalene concentrations were reported at 0.16, 0.65, and 0.12 mg/kg, respectively. Max GGW concentrations were reported at 2,400 ug/L TPHg, 600 ug/L TPHd, and 1,400 ug/L TPHmo. Benzene, toluene, and MTBE were ND, Max ethyl benzene, xylenes and naphthalene concentrations were reported at 60, 210, and 9.1 ug/L, respectively.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600102220
Contact Type:	Local Agency Caseworker

DOWNTOWN AUTO BODY & FRAME (Continued) **1000322718**

Contact Name: KEITH NOWELL
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 Harbor Bay Parkway
City: ALAMEDA
Email: keith.nowell@acgov.org
Phone Number: 5105676764

Global Id: T0600102220
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600102220
Status: Open - Case Begin Date
Status Date: 03/11/1997

Global Id: T0600102220
Status: Open - Site Assessment
Status Date: 03/11/1997

Global Id: T0600102220
Status: Open - Site Assessment
Status Date: 08/26/1999

Regulatory Activities:
Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 12/28/1993
Action: Staff Letter

Global Id: T0600102220
Action Type: Other
Date: 12/19/1997
Action: Leak Stopped

Global Id: T0600102220
Action Type: Other
Date: 09/22/1997
Action: Leak Reported

Global Id: T0600102220
Action Type: RESPONSE
Date: 10/01/2012
Action: Soil and Water Investigation Workplan

Global Id: T0600102220

DOWNTOWN AUTO BODY & FRAME (Continued) **1000322718**

Action Type: RESPONSE
Date: 11/07/2016
Action: Email Correspondence

Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 06/23/2014
Action: Staff Letter - #20140623

Global Id: T0600102220
Action Type: RESPONSE
Date: 09/22/1997
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600102220
Action Type: RESPONSE
Date: 07/02/2014
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600102220
Action Type: RESPONSE
Date: 07/14/2014
Action: Correspondence - Regulator Responded

Global Id: T0600102220
Action Type: RESPONSE
Date: 11/10/2016
Action: Other Workplan - Regulator Responded

Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 08/26/2014
Action: Meeting - #20140826

Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 10/26/2016
Action: Staff Letter - #20161026

Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 11/04/2015
Action: Staff Letter - #20151104

Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 11/03/2016
Action: Staff Letter - #20161103

Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600102220
Action Type: RESPONSE
Date: 01/05/2016

DOWNTOWN AUTO BODY & FRAME (Continued) **1000322718**

Action: Conceptual Site Model

Global Id: T0600102220
Action Type: ENFORCEMENT
Date: 04/25/2012
Action: Notice to Comply - #20120425

Global Id: T0600102220
Action Type: Other
Date: 09/22/1997
Action: Leak Discovery

Global Id: T0600102220
Action Type: RESPONSE
Date: 01/05/2016
Action: Sensitive Receptor Survey Report

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000247
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000247
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

FINDS:

Registry ID: 110002744763

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.

HAZNET:
envid: 1000322718
Year: 1995
GEPAID: CAD981671506
Contact: DOWNTOWN AUTO BODY & FRAME
Telephone: 4154650310
Mailing Name: Not reported
Mailing Address: 260 30TH ST
Mailing City,St,Zip: OAKLAND, CA 946115730
Gen County: Not reported
TSD EPA ID: CAT000613950
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station

DOWNTOWN AUTO BODY & FRAME (Continued) **1000322718**

Tons:	.4280
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

envid:	1000322718
Year:	1994
GEPAID:	CAD981671506
Contact:	DOWNTOWN AUTO BODY & FRAME
Telephone:	4154650310
Mailing Name:	Not reported
Mailing Address:	260 30TH ST
Mailing City,St,Zip:	OAKLAND, CA 946115730
Gen County:	Not reported
TSD EPA ID:	CAT000613950
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	.1480
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

envid:	1000322718
Year:	1994
GEPAID:	CAD981671506
Contact:	DOWNTOWN AUTO BODY & FRAME
Telephone:	4154650310
Mailing Name:	Not reported
Mailing Address:	260 30TH ST
Mailing City,St,Zip:	OAKLAND, CA 946115730
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	.2845
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

envid:	1000322718
Year:	1993
GEPAID:	CAD981671506
Contact:	DOWNTOWN AUTO BODY & FRAME
Telephone:	4154650310
Mailing Name:	Not reported
Mailing Address:	260 30TH ST
Mailing City,St,Zip:	OAKLAND, CA 946115730
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Not reported
Tons:	0.23250000000
Cat Decode:	Not reported
Method Decode:	Not reported

DOWNTOWN AUTO BODY & FRAME (Continued) **1000322718**

Facility County: 1

envid: 1000322718
Year: 1993
GEPAID: CAD981671506
Contact: DOWNTOWN AUTO BODY & FRAME
Telephone: 4154650310
Mailing Name: Not reported
Mailing Address: 260 30TH ST
Mailing City,St,Zip: OAKLAND, CA 946115730
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: 0.44400000000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2411

ECHO:
Envid: 1000322718
Registry ID: 110002744763
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002744763

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111 South 1/4-1/2 0.459 mi. 2423 ft. | **ULIBARRI PROPERTY** | **Alameda County CS** | **S107998234** | **N/A**
387 ORANGE ST
OAKLAND, CA 94610

Relative: Higher

Actual: 108 ft.

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0002921
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Underway
Record Id: RO0002921
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0002921
PE: 5602
Facility Status: Pollution Charaterization

Status: Remediation Plan

ULIBARRI PROPERTY (Continued) **S107998234**

Record Id: RO0002921
PE: 5602
Facility Status: Remediation Plan

Status: Remedial Action Underway
Record Id: RO0002921
PE: 5602
Facility Status: Remedial Action Underway

Status: Verificaiton Monitoring Underway
Record Id: RO0002921
PE: 5602
Facility Status: Verification Monitoring Underway

Status: Case Closed
Record Id: RO0002921
PE: 5602
Facility Status: Case Closed

W112 **VIDEO CITY** **LUST** **U003301129**
NNE **4266 BROADWAY** **N/A**
1/4-1/2 **OAKLAND, CA 94611**
0.461 mi.
2435 ft. **Site 1 of 2 in cluster W**

Relative:
Higher

Actual:
110 ft.

LUST REG 2:
Region: 2
Facility Id: 01-2206
Facility Status: Case Closed
Case Number: 6071
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 2/4/1996
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

W113 **VIDEO CITY** **LUST** **S105022467**
NNE **4266 BROADWAY** **Alameda County CS** **N/A**
1/4-1/2 **ALAMEDA, CA 94611** **HIST CORTESE**
0.461 mi.
2435 ft. **Site 2 of 2 in cluster W**

Relative:
Higher

Actual:
110 ft.

LUST:
Region: STATE
Global Id: T0600102025
Latitude: 37.830908
Longitude: -122.254273
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/31/1997

VIDEO CITY (Continued) **S105022467**

Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-2206
LOC Case Number:	RO0000739
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600102025
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600102025
Status:	Open - Case Begin Date
Status Date:	10/21/1996
Global Id:	T0600102025
Status:	Completed - Case Closed
Status Date:	01/31/1997

Regulatory Activities:

Global Id:	T0600102025
Action Type:	Other
Date:	12/09/1996
Action:	Leak Reported
Global Id:	T0600102025
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Excavation

Alameda County CS:

Status:	Case Closed
Record Id:	RO0000739
PE:	5602
Facility Status:	Case Closed

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2206

V114 **HAGSTROM PROPERTY** **LUST** **S102431137**
SW **265 30TH** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94612** **HIST CORTESE**
0.465 mi.
2455 ft. **Site 3 of 5 in cluster V**

Relative:
Lower

Actual:
51 ft.

LUST:

Region:	STATE
Global Id:	T0600102119
Latitude:	37.8184669
Longitude:	-122.261557
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/17/2007
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	JTW
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-2303
LOC Case Number:	RO0000438
File Location:	All Files are on GeoTracker or in the Local Agency Database
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:	T0600102119
Contact Type:	Local Agency Caseworker
Contact Name:	Jerry Wickham
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	Alameda
Email:	jerry.wickham@acgov.org
Phone Number:	5105676791

Global Id:	T0600102119
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600102119
Status:	Open - Case Begin Date
Status Date:	11/28/1995

Global Id:	T0600102119
Status:	Open - Site Assessment
Status Date:	12/08/1995

Global Id:	T0600102119
Status:	Open - Site Assessment
Status Date:	05/02/1996

Global Id:	T0600102119

HAGSTROM PROPERTY (Continued) **S102431137**

Status: Open - Site Assessment
Status Date: 06/12/1996

Global Id: T0600102119
Status: Completed - Case Closed
Status Date: 04/17/2007

Regulatory Activities:
Global Id: T0600102119
Action Type: Other
Date: 11/28/1995
Action: Leak Reported

Global Id: T0600102119
Action Type: REMEDIATION
Date: 09/12/1997
Action: Excavation

Global Id: T0600102119
Action Type: REMEDIATION
Date: 02/14/1996
Action: Excavation

Global Id: T0600102119
Action Type: ENFORCEMENT
Date: 04/17/2007
Action: Closure/No Further Action Letter - #20070417

LUST REG 2:
Region: 2
Facility Id: 01-2303
Facility Status: Leak being confirmed
Case Number: 4732
How Discovered: Tank Closure
Leak Cause: Overfill
Leak Source: Piping
Date Leak Confirmed: 3/16/1998
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000438
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000438
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

HAGSTROM PROPERTY (Continued) **S102431137**

Status: Pollution Characterization
Record Id: RO0000438
PE: 5602
Facility Status: Pollution Charaterization

Status: Case Closed
Record Id: RO0000438
PE: 5602
Facility Status: Case Closed

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2303

U115 **CALIFORNIA HIGHWAY PATROL** **LUST** **U001599332**
West **3601 TELEGRAPH AVE** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94609** **HIST UST**
0.470 mi. **HIST CORTESE**
2484 ft. **Site 2 of 2 in cluster U**

Relative:
Lower

Actual:
63 ft.

LUST:
Region: STATE
Global Id: T0619763665
Latitude: 37.824405
Longitude: -122.265796
Case Type: LUST Cleanup Site
Status: Open - Inactive
Status Date: 02/17/2016
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: Not reported
RB Case Number: 01-3612
LOC Case Number: RO0002950
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Lead, Gasoline
Site History: During UST system testing in 1988 and dispenser upgrades in 1997, unauthorized releases were detected. An indoor shooting range was located on the site and lead contamination was detected. Building demolition and lead abatement of shallow soil to 1 foot bgs was completed in 2008. A PSA completed in November 2008 collected limited soil samples above 5 feet bgs. UST system removal and replacement is proposed and confirmation soil sampling will be completed once the UST has been removed. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0619763665
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500

CALIFORNIA HIGHWAY PATROL (Continued) **U001599332**

City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0619763665
Status: Open - Case Begin Date
Status Date: 11/28/1988

Global Id: T0619763665
Status: Open - Site Assessment
Status Date: 11/28/1988

Global Id: T0619763665
Status: Open - Site Assessment
Status Date: 01/24/2007

Global Id: T0619763665
Status: Open - Site Assessment
Status Date: 03/26/2007

Global Id: T0619763665
Status: Open - Site Assessment
Status Date: 11/14/2008

Global Id: T0619763665
Status: Open - Inactive
Status Date: 02/17/2016

Regulatory Activities:

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 07/11/2008
Action: Staff Letter - #20080711

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 11/09/2010
Action: Staff Letter - #20101109

Global Id: T0619763665
Action Type: RESPONSE
Date: 08/12/2011
Action: Other Report / Document

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 12/12/2008
Action: Staff Letter - #20081212

Global Id: T0619763665
Action Type: Other
Date: 01/01/1997
Action: Leak Stopped

Global Id: T0619763665

CALIFORNIA HIGHWAY PATROL (Continued) **U001599332**

Action Type: RESPONSE
Date: 11/14/2008
Action: Soil and Water Investigation Report

Global Id: T0619763665
Action Type: RESPONSE
Date: 11/28/1988
Action: Correspondence

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 12/03/2009
Action: File review

Global Id: T0619763665
Action Type: Other
Date: 11/28/1988
Action: Leak Reported

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 06/13/2011
Action: Notice to Comply - #20110613

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 11/20/2007
Action: Notice of Responsibility - #0

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 05/31/2012
Action: Referral to Regional Board - #20120531

Global Id: T0619763665
Action Type: Other
Date: 01/01/1988
Action: Leak Began

Global Id: T0619763665
Action Type: Other
Date: 11/28/1988
Action: Leak Discovery

Global Id: T0619763665
Action Type: RESPONSE
Date: 01/19/2011
Action: Other Report / Document

Global Id: T0619763665
Action Type: ENFORCEMENT
Date: 05/03/2013

CALIFORNIA HIGHWAY PATROL (Continued) **U001599332**

Action: File Review - Closure

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0002950
PE: 5602
Facility Status: Leak Confirmation

Status: 11
Record Id: RO0002950
PE: 5602
Facility Status: Not reported

Status: Preliminary Site Assessment Underway
Record Id: RO0002950
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0002950
PE: 5602
Facility Status: Pollution Charaterization

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000035416
Facility Type: Other
Other Type: CHP
Contact Name: Not reported
Telephone: 9163225310
Owner Name: CALIFORNIA HIGHWAY PATROL
Owner Address: P.O. BOX 898
Owner City,St,Zip: SACRAMENTO, CA 95804
Total Tanks: 0001

Tank Num: 001
Container Num: 370-2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0264

V116
SW
1/4-1/2
0.484 mi.
2557 ft.

Relative:
Lower

Actual:
47 ft.

EUROPEAN MOTORS
2915 BROADWAY
OAKLAND, CA 94611

Site 4 of 5 in cluster V

RCRA-SQG **1000340156**
LUST **CAD982486714**
Alameda County CS
SWEEPS UST
HIST UST
CA FID UST
FINDS
Notify 65
ECHO

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	EUROPEAN MOTORS
Facility address:	2915 BROADWAY OAKLAND, CA 94611
EPA ID:	CAD982486714
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:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	EUROPEAN MOTORS LTD
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
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

EUROPEAN MOTORS (Continued) **1000340156**

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:	04/23/1990
Site name:	EUROPEAN MOTORS
Classification:	Large Quantity Generator
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	03/24/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee

LUST:

Region:	STATE
Global Id:	T0600100528
Latitude:	37.8176807
Longitude:	-122.2629566
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/03/1992
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-0575
LOC Case Number:	RO0000702
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:	T0600100528
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600100528

EUROPEAN MOTORS (Continued) **1000340156**

Status: Open - Case Begin Date
Status Date: 11/20/1989

Global Id: T0600100528
Status: Completed - Case Closed
Status Date: 09/03/1992

Regulatory Activities:
Global Id: T0600100528
Action Type: Other
Date: 11/20/1989
Action: Leak Reported

Global Id: T0600100528
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Alameda County CS:
Status: Case Closed
Record Id: RO0000702
PE: 5602
Facility Status: Case Closed

SWEEPS UST:
Status: Not reported
Comp Number: 14124
Number: Not reported
Board Of Equalization: 44-000206
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-014124-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 14124
Number: Not reported
Board Of Equalization: 44-000206
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-014124-000002
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL

EUROPEAN MOTORS (Continued) **1000340156**

STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	14124
Number:	Not reported
Board Of Equalization:	44-000206
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-014124-000003
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	4

Status:	Not reported
Comp Number:	14124
Number:	Not reported
Board Of Equalization:	44-000206
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-014124-000004
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	14124
Number:	9
Board Of Equalization:	44-000206
Referral Date:	06-04-93
Action Date:	11-22-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

File Number:	00035F75

EUROPEAN MOTORS (Continued) **1000340156**

URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035F75.pdf
Region:	STATE
Facility ID:	00000014124
Facility Type:	Other
Other Type:	NEW CAR DEALER
Contact Name:	JOHN SANBORN
Telephone:	4158326030
Owner Name:	EUROPEAN MOTORS, LTD.
Owner Address:	2915 BROADWAY
Owner City,St,Zip:	OAKLAND, CA 94611
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1974
Tank Capacity:	00001000
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:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	4
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:	004
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	01002006
Regulated By:	UTNKI
Regulated ID:	00014124
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4158326030

EUROPEAN MOTORS (Continued) **1000340156**

Mail To: Not reported
Mailing Address: 2915 BROADWAY
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94611
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

FINDS:

Registry ID: 110002827870

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

ECHO:
Envid: 1000340156
Registry ID: 110002827870
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002827870

V117 **EUROPEAN MOTORS LIMITED** **LUST** **S103890782**
SW **2915 BROADWAY** **HIST CORTESE** **N/A**
1/4-1/2 **OAKLAND, CA 94611**
0.484 mi.
2557 ft. **Site 5 of 5 in cluster V**

Relative:
Lower

Actual:
47 ft.

LUST REG 2:
Region: 2
Facility Id: 01-0575
Facility Status: Case Closed
Case Number: 1152
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported

EUROPEAN MOTORS LIMITED (Continued) **S103890782**

Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/17/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0575

X118 **SUMMIT MEDICAL CENTER** **HIST CORTESE** **S105025329**
West **3414 3420 TELEGRAPH** **N/A**
1/4-1/2 **OAKLAND, CA 94609**
0.489 mi.
2580 ft. **Site 1 of 2 in cluster X**

Relative:
Lower

Actual:
58 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1031

X119 **SUMMIT MEDICAL CENTER** **LUST** **S110649358**
West **3420 TELEGRAPH AVE** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94609** **SWEEPS UST**
0.489 mi. **EMI**
2580 ft. **Site 2 of 2 in cluster X**

Relative:
Lower

Actual:
58 ft.

LUST:
Region: STATE
Global Id: T0600100952
Latitude: 37.823165
Longitude: -122.265557
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/28/1996
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 01-1031
LOC Case Number: RO0000991
File Location: All Files are on GeoTracker or in the Local Agency Database
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: T0600100952
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board

SUMMIT MEDICAL CENTER (Continued) **S110649358**

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0600100952
Status: Open - Case Begin Date
Status Date: 04/26/1993

Global Id: T0600100952
Status: Completed - Case Closed
Status Date: 06/28/1996

Regulatory Activities:
Global Id: T0600100952
Action Type: Other
Date: 04/26/1993
Action: Leak Reported

Global Id: T0600100952
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST REG 2:
Region: 2
Facility Id: 01-1031
Facility Status: Case Closed
Case Number: 415
How Discovered: Tank Closure
Leak Cause: Overfill
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000991
PE: 5602
Facility Status: Case Closed

SWEEPS UST:
Status: Not reported
Comp Number: 87123
Number: Not reported
Board Of Equalization: Not reported

SUMMIT MEDICAL CENTER (Continued) **S110649358**

Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-087123-000001
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	WASTE
Content:	Not reported
Number Of Tanks:	2

Status:	Not reported
Comp Number:	87123
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-087123-000002
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

EMI:

Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	5470
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

120 North 1/4-1/2 0.498 mi. 2632 ft. | **PARK SCHOOL 368 42ND OAKLAND, CA 94609** | **LUST Alameda County CS SWEEPS UST HIST CORTESE** | **S100927601 N/A**

Relative: Higher

Actual: 100 ft.

LUST:

Region:	STATE
Global Id:	T0600101773
Latitude:	37.8311272
Longitude:	-122.2577865
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/02/1996
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-1912
LOC Case Number:	RO0001021
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101773
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600101773
Status:	Open - Case Begin Date
Status Date:	06/14/1993
Global Id:	T0600101773
Status:	Completed - Case Closed
Status Date:	08/02/1996

Regulatory Activities:

Global Id:	T0600101773
Action Type:	Other
Date:	06/14/1993
Action:	Leak Reported
Global Id:	T0600101773
Action Type:	REMEDIATION
Date:	06/11/1993
Action:	Excavation

LUST REG 2:

PARK SCHOOL (Continued) **S100927601**

Region: 2
Facility Id: 01-1912
Facility Status: Case Closed
Case Number: 4540
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 5/1/1994
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0001021
PE: 5602
Facility Status: Case Closed

SWEEPS UST:
Status: Not reported
Comp Number: 8355
Number: Not reported
Board Of Equalization: 44-035093
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-008355-000001
Tank Status: Not reported
Capacity: 1500
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 1

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1912

121
NW
1/2-1
0.570 mi.
3009 ft.

SHELL STATION
500 40TH STREET
OAKLAND, CA 92626

Notify 65 **S100179123**
N/A

Relative:
Higher

Actual:
85 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported

SHELL STATION (Continued) **S100179123**

Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

---

122 SW 1/2-1 0.642 mi. 3388 ft.

BROADWAY VOLKSWAGON
2749 BROADWAY
OAKLAND, CA 92626

Notify 65 **S100178913**
N/A

Relative: Lower

Actual: 35 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

---

123 WNW 1/2-1 0.706 mi. 3729 ft.

LUCKY'S AUTO BODY
3860/3884 MARTIN LUTHER KING JR. WAY
OAKLAND, CA 94609

ENVIROSTOR **S117333350**
N/A

Relative: Lower

Actual: 71 ft.

ENVIROSTOR:
Facility ID: 1990026
Status: Refer: Other Agency
Status Date: 10/01/2004
Site Code: 201538
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.6
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY, CITY OF OAKLAND
Lead Agency: CITY OF OAKLAND
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: EPA - Target Site Investigation
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.82884
Longitude: -122.2685
APN: 012-0968-30-1, 012-0968-31
Past Use: RETAIL - SERVICE STATION, VEHICLE MAINTENANCE
Potential COC: * HYDROCARBON SOLVENTS * WASTE OIL & MIXED OIL Benzene Lead TPH-gas Ethylbenzene Toluene Xylenes
Confirmed COC: Benzene Lead TPH-gas Ethylbenzene Toluene Xylenes
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported

LUCKY'S AUTO BODY (Continued) **S117333350**

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
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

124
SE
1/2-1
0.827 mi.
4364 ft.

TAYMUREE FOREIGN AUTO CTR
3509 GRAND AVE
OAKLAND, CA 94610

RCRA-SQG **1000303654**
FINDS **CAD982356974**
Notify 65
ECHO

Relative:
Lower

Actual:
13 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	TAYMUREE FOREIGN AUTO CTR
Facility address:	3509 GRAND AVE OAKLAND, CA 94610
EPA ID:	CAD982356974
Mailing address:	GRAND AVE OAKLAND, CA 94610
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:	GS TAYMUREE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED

TAYMUREE FOREIGN AUTO CTR (Continued) **1000303654**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
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: 110002800390

Environmental Interest/Information System
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STATE MASTER

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

ECHO:
Envid: 1000303654
Registry ID: 110002800390
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002800390

125 NNE 1/2-1 0.834 mi. 4404 ft. | **MEHDIZADEH PROPERTY**
5175 BROADWAY
OAKLAND, CA 94611 | **LUST**
Alameda County CS
Notify 65 | **S100179439**
N/A

Relative: Higher

Actual: 160 ft.

LUST:

Region:	STATE
Global Id:	T0600100882
Latitude:	37.83561947
Longitude:	-122.25174325
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/23/2013
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	KEN
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-0958
LOC Case Number:	RO0000139
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at https://ehgis.acgov.org/dehpublic/dehpublic.jsp. SWRCB initiated case closure process, issued closure order, & closed case on 12/20/2013 Site was an operating Exxon Service station until 1979 and has been vacant since then. Three USTs were removed in 1990. Holes were observed in all three USTs. Soil in the tank pit was reported as discolored and exhibiting a strong petroleum odor. Following the UST removals, subsurface Investigations, including monitoring well installations, have been conducted. In late 2008 a CAP was submitted, approved and implemented.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600100882
Contact Type:	Local Agency Caseworker
Contact Name:	KEITH NOWELL
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	keith.nowell@acgov.org
Phone Number:	5105676764

Global Id:	T0600100882
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600100882
Status:	Open - Case Begin Date

MEHDIZADEH PROPERTY (Continued) **S100179439**

Status Date: 01/10/1990

Global Id: T0600100882
Status: Open - Site Assessment
Status Date: 01/22/1990

Global Id: T0600100882
Status: Open - Assessment & Interim Remedial Action
Status Date: 02/19/1990

Global Id: T0600100882
Status: Open - Site Assessment
Status Date: 04/04/1990

Global Id: T0600100882
Status: Open - Remediation
Status Date: 06/18/2009

Global Id: T0600100882
Status: Open - Verification Monitoring
Status Date: 01/31/2012

Global Id: T0600100882
Status: Open - Remediation
Status Date: 10/25/2012

Global Id: T0600100882
Status: Open - Verification Monitoring
Status Date: 12/11/2012

Global Id: T0600100882
Status: Open - Eligible for Closure
Status Date: 04/03/2013

Global Id: T0600100882
Status: Open - Verification Monitoring
Status Date: 04/03/2013

Global Id: T0600100882
Status: Completed - Case Closed
Status Date: 12/23/2013

Regulatory Activities:
Global Id: T0600100882
Action Type: REMEDIATION
Date: 12/08/2010
Action: Pump & Treat (P&T) Groundwater

Global Id: T0600100882
Action Type: REMEDIATION
Date: 12/08/2010
Action: Soil Vapor Extraction (SVE)

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 08/22/2008
Action: Technical Correspondence / Assistance / Other - #20080822

MEHDIZADEH PROPERTY (Continued) **S100179439**

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 08/20/2008
Action: Notification - Public Participation Document - #20080820

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: Staff Letter - #20080610

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Technical Correspondence / Assistance / Other - #20090709

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/16/2008
Action: Technical Correspondence / Assistance / Other - #20080616

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 11/04/2008
Action: Technical Correspondence / Assistance / Other - #20081104

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 12/20/2012
Action: Staff Letter - #20121220

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 08/22/2008
Action: Staff Letter - #20080822

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 05/15/2012
Action: File review

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 12/21/2010
Action: Technical Correspondence / Assistance / Other - #20101221

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 04/16/2009
Action: Technical Correspondence / Assistance / Other - #20090416

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 09/11/2007
Action: Technical Correspondence / Assistance / Other - #20070911

Global Id: T0600100882
Action Type: ENFORCEMENT

MEHDIZADEH PROPERTY (Continued) **S100179439**

Date: 05/07/2009
Action: Clean Up Fund - Letter to RP - #20090507

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 10/16/2013
Action: Technical Correspondence / Assistance / Other - #20131016

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 08/30/2007
Action: Technical Correspondence / Assistance / Other - #20070830

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 11/12/2013
Action: Technical Correspondence / Assistance / Other - #20131112

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 12/20/2013
Action: Closure/No Further Action Letter

Global Id: T0600100882
Action Type: Other
Date: 02/06/1990
Action: Leak Reported

Global Id: T0600100882
Action Type: RESPONSE
Date: 06/06/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100882
Action Type: RESPONSE
Date: 08/28/2000
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 09/08/1999
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 09/29/1992
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 03/04/2002
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 07/19/2002
Action: Monitoring Report - Quarterly

MEHDIZADEH PROPERTY (Continued) **S100179439**

Global Id: T0600100882
Action Type: RESPONSE
Date: 03/02/2001
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 11/29/2000
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 03/03/1999
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 12/03/1998
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 03/02/1990
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600100882
Action Type: RESPONSE
Date: 01/30/2003
Action: Well Installation Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 06/13/2008
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 11/07/1990
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 12/03/2009
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 11/06/1990
Action: Interim Remedial Action Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 03/20/1998
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE

MEHDIZADEH PROPERTY (Continued) **S100179439**

Date: 07/01/1997
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 10/17/1997
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 06/03/2008
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 06/04/2008
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 06/05/2008
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 02/18/2004
Action: Risk Assessment Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 03/05/2012
Action: Correspondence

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/18/2009
Action: Staff Letter - #20090618

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100882
Action Type: RESPONSE
Date: 03/05/2012
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 01/11/1990
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 08/11/2008
Action: CAP/RAP - Other Report

MEHDIZADEH PROPERTY (Continued) **S100179439**

Global Id: T0600100882
Action Type: RESPONSE
Date: 04/20/2000
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 09/29/1998
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 05/21/1998
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 02/01/1991
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 05/07/2009
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 06/04/1999
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 12/01/2007
Action: CEQA Reports

Global Id: T0600100882
Action Type: RESPONSE
Date: 10/25/2002
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 02/16/1990
Action: Soil and Water Investigation Workplan

Global Id: T0600100882
Action Type: RESPONSE
Date: 10/05/1994
Action: Soil and Water Investigation Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 11/29/1999
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE

MEHDIZADEH PROPERTY (Continued) **S100179439**

Date: 11/15/1996
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 09/20/1994
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 01/14/1993
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 06/12/1992
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 03/10/1992
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 11/21/1991
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 06/13/1990
Action: Preliminary Site Assessment Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 04/25/2008
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 05/05/2001
Action: Interim Remedial Action Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 10/05/1990
Action: Other Workplan

Global Id: T0600100882
Action Type: RESPONSE
Date: 07/23/1991
Action: Soil and Water Investigation Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 05/26/2000
Action: Monitoring Report - Quarterly

MEHDIZADEH PROPERTY (Continued) **S100179439**

Global Id: T0600100882
Action Type: RESPONSE
Date: 10/31/2012
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 02/01/2013
Action: Other Report / Document

Global Id: T0600100882
Action Type: RESPONSE
Date: 01/25/2013
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: RESPONSE
Date: 10/31/2012
Action: Correspondence

Global Id: T0600100882
Action Type: REMEDIATION
Date: 10/25/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0600100882
Action Type: RESPONSE
Date: 01/18/2013
Action: Conceptual Site Model

Global Id: T0600100882
Action Type: RESPONSE
Date: 01/09/2013
Action: Electronic Reporting Submittal Due

Global Id: T0600100882
Action Type: RESPONSE
Date: 11/14/2012
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 11/15/2012
Action: Correspondence

Global Id: T0600100882
Action Type: RESPONSE
Date: 09/15/2009
Action: Remedial Progress Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 07/24/2008
Action: Other Workplan

Global Id: T0600100882
Action Type: RESPONSE

MEHDIZADEH PROPERTY (Continued) **S100179439**

Date: 09/08/2008
Action: Soil and Water Investigation Report

Global Id: T0600100882
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: Notice of Responsibility - #20080610

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: * NEL - #06102008B

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: * No Action - #20080610D

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/20/2013
Action: State Water Board Closure Order - #2013-0029

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 03/20/1992
Action: Notice of Responsibility - #19920320

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 11/22/2010
Action: Technical Correspondence / Assistance / Other - #20101122

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 07/24/1990
Action: Staff Letter - #19900724

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: Notice of Responsibility - #20080610

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 07/25/2007
Action: Technical Correspondence / Assistance / Other - #20070725

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 01/03/1990
Action: Technical Correspondence / Assistance / Other - #19900103

MEHDIZADEH PROPERTY (Continued) **S100179439**

Global Id: T0600100882
Action Type: Other
Date: 01/10/1990
Action: Leak Discovery

Global Id: T0600100882
Action Type: RESPONSE
Date: 05/18/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 07/31/2008
Action: Technical Correspondence / Assistance / Other - #07/31/2008

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: * NEL - #20080610C

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 08/06/2008
Action: Technical Correspondence / Assistance / Other - #20080806

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 11/14/2012
Action: Technical Correspondence / Assistance / Other - #20121114

Global Id: T0600100882
Action Type: ENFORCEMENT
Date: 04/02/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0600100882
Action Type: RESPONSE
Date: 09/15/2010
Action: Clean Up Fund - 5-Year Review Summary

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000139
PE: 5602
Facility Status: Leak Confirmation

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000139
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted

MEHDIZADEH PROPERTY (Continued) **S100179439**

Status: Preliminary Site Assessment Underway
Record Id: RO0000139
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Status: Pollution Characterization
Record Id: RO0000139
PE: 5602
Facility Status: Pollution Charaterization

Status: Case Closed
Record Id: RO0000139
PE: 5602
Facility Status: Case Closed

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

Y126 **HARRIS DRY CLEANERS** **SEMS-ARCHIVE** **1000855627**
WSW **2801 MARTIN LUTHER KING JR. WAY** **HIST Cal-Sites** **CA0000080309**
1/2-1 **OAKLAND, CA 94609** **Cortese**
0.875 mi.
4622 ft. **Site 1 of 2 in cluster Y**

Relative:
Lower

Actual:
35 ft.

SEMS-ARCHIVE:
Site ID: 904949
EPA ID: CA0000080309
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Calsite:
Region: BERKELEY
Facility ID: 01720109
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: HARRIS DRY CLEANERS
State Senate District: 06162000
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 72
SIC Name: PERSONAL SERVICES
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed

HARRIS DRY CLEANERS (Continued) **1000855627**

Staff Member Responsible for Site:	RSUNGA
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
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:	16
State Senate District Code:	09
Facility ID:	01720109
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06162000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	RR
Definition of Status:	REMOVAL ACTION REQUIRED-USED FOR NON-AWP SITES
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:	2801 MARTIN LUTHER KING JR. WAY
Alternate City,St,Zip:	OAKLAND, CA 94609
Background Info:	It is non Federal site and an EPA lead. It will be expanded when more information is available.
Comments Date:	Not reported
Comments:	Not reported
ID Name:	EPA IDENTIFICATION NUMBER
ID Value:	CA 0000080309
ID Name:	CALSTARS CODE
ID Value:	201253
Alternate Name:	HARRIS DRY CLEANERS
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

CORTESE:

Region:	CORTESE
Envirostor Id:	1720109
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	06/16/2000
Site Code:	201253
Latitude:	37.818128

HARRIS DRY CLEANERS (Continued) **1000855627**

Longitude:	-122.27166
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

Y127
WSW
1/2-1
0.875 mi.
4622 ft.

HARRIS DRY CLEANERS
2801 MARTIN LUTHER KING JR. WAY
OAKLAND, CA 94609

RESPONSE
ENVIROSTOR
LIENS
HAZNET

S113468742
N/A

Site 2 of 2 in cluster Y

Relative:
Lower

Actual:
35 ft.

RESPONSE:

Facility ID:	1720109
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.3
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, US EPA
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Henry Wong
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201253
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	18
Senate:	09
Special Program Status:	Not reported
Status:	Active
Status Date:	06/16/2000
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.81812
Longitude:	-122.2716
APN:	009 069500600, 009-0695-006-00
Past Use:	DRY CLEANING
Potential COC :	Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Potential Description:	OTH, SOIL, SV
Alias Name:	Not reported
Alias Type:	Not reported

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported

HARRIS DRY CLEANERS (Continued) **S113468742**

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

ENVIROSTOR:
Facility ID: 1720109
Status: Active
Status Date: 06/16/2000
Site Code: 201253
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.3
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay, US EPA
Lead Agency: SMBRP
Program Manager: Henry Wong
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 37.81812
Longitude: -122.2716
APN: 009 069500600, 009-0695-006-00
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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

LIENS:
Envirostor Id: 1720109

HARRIS DRY CLEANERS (Continued) **S113468742**

Latitude:	37.818128
Longitude:	-122.27166
Project Mgr:	HENRY WONG
Project Code:	201253
If Satisfied:	NO
Date Satisfied:	Not reported
Site Status:	ACTIVE
Site Type:	STATE RESPONSE OR NPL
Completed:	12/11/2013
Lien Amount:	$467,718.11
Amount Remaining:	Not reported
Description:	This site is currently occupied by two buildings and a garage. One building, a two-story fourplex, was used as apartments. The other building is three-stories, with three commercial units on the ground floor and apartments on the upper floors. Harris Dry Cleaners and later Telegraph Dry Cleaners operated in a ground floor commercial unit. Dates of operation and site occupancy for the dry cleaning operations are unknown, but all dry cleaning operations on-site ceased in 1996.

HAZNET:

envid:	S113468742
Year:	2014
GEPAID:	CAR000204156
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda
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:	0.063
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113468742
Year:	2012
GEPAID:	CAR000204156
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.512
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

HARRIS DRY CLEANERS (Continued) **S113468742**

envid: S113468742
Year: 2012
GEPAID: CAR000204156
Contact: JAYANTHA RANDENI
Telephone: 5105403806
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 947100000
Gen County: Alameda
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113468742
Year: 2010
GEPAID: CAR000204156
Contact: JAYANTHA RANDENI
Telephone: 5105403806
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 947100000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.155
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113468742
Year: 2010
GEPAID: CAR000204156
Contact: JAYANTHA RANDENI
Telephone: 5105403806
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 947100000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 2.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

HARRIS DRY CLEANERS (Continued) **S113468742**

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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128 SW 1/2-1 0.883 mi. 4661 ft. | **NEGHERBON** | **ENVIROSTOR** | **S112241534**
2345, 2333 BROADWAY & 421 24TH ST. | **VCP** | **N/A**
OAKLAND, CA 94612 | **DEED**

Relative: Lower

Actual: 24 ft.

ENVIROSTOR:

Facility ID:	60001834
Status:	Certified / Operation & Maintenance
Status Date:	05/26/2016
Site Code:	201954
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.69
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Elena Joy Pelen
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	18
Senate:	09
Special Program:	CLRRA Liability Immunity (AB 389)
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.81326
Longitude:	-122.2664
APN:	008 066600500, 008 066600900, 008 066601002, 008 066601003, 8-739-12, 8-739-13, 8-739-14
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Lead Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE
Confirmed COC:	Lead TPH-diesel TPH-gas
Potential Description:	OTH, SOIL
Alias Name:	Hive Development
Alias Type:	Alternate Name
Alias Name:	008 066600500
Alias Type:	APN
Alias Name:	008 066600900
Alias Type:	APN
Alias Name:	008 066601002
Alias Type:	APN
Alias Name:	008 066601003
Alias Type:	APN
Alias Name:	8-739-12
Alias Type:	APN
Alias Name:	8-739-13
Alias Type:	APN
Alias Name:	8-739-14
Alias Type:	APN
Alias Name:	T10000003613
Alias Type:	GeoTracker Global ID
Alias Name:	201954
Alias Type:	Project Code (Site Code)

NEGHERBON (Continued) **S112241534**

Alias Name: 60001834
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2013
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2013/2014 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2016
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2016/2017 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/19/2015
Comments: Land Use Covenant (LUC) and Agreement for Environmental Restrictions recorded at County of Alameda on 8/19/2015. LUC made by and between Hive Development Group, LLC, a California limited liability company, current owner of property, and DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/28/2013
Comments: Letter dated March 27, 2013, notifying agencies of DTSC's intent to enter into an agreement under the California Land Reuse and Revitalization Act of 2004 (CLRRA) with the Hive Development Group, LLC, for the property located at 2345 and 2333 Broadway and 421 24th Street in Oakland, Alameda County, California. Entry into this agreement provides Hive Development Group, LLC with immunity from liability for certain hazardous materials response costs and damage claims. Under the agreement, Hive Development Group, LLC will perform a site assessment and prepare and implement a response plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 10/30/2012
Comments: Confirmation letter of submittal receipt, dated October 30, 2012. DTSC received Request for Oversight of a Brownfield Site application for Negherbon Site. Under Memorandum of Agreement, agencies determined that DTSC is appropriate oversight agency for project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/02/2013
Comments: Phase I Environmental Site Assessment Report and All Appropriate Inquires Report dated November 8, 2012, approved by DTSC letter dated

NEGHERBON (Continued) **S112241534**

January 1, 2013. Per report recommendation, given Client s plans to redevelop the property for residential and commercial uses, limited additional assessment consistent with the proposed land use appears warranted and will be proposed in a separate document. DTSC reviewed the report for compliance with the All Appropriate Inquiries Final Rule at 40 CFR Part 312.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/06/2013
Comments: Community Profile dated April 2013, describes the community and potential community concerns regarding the potential health risks associated with the development of the Negherbon Project Site and the anticipated public participation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/23/2013
Comments: Workplan which identifies locations of samples to be collected for CPT, soil, shallow and deep gw and chemical analyses which will be conducted. Sampling revisions approved on 1/30/2013, see revised figure 10

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/23/2013
Comments: Work Notice of Site Assessment Work at Negherbon, Oakland, CA. Work will begin January 31, 2013. Sampling results will be compiled into a report and reviewed by DTSC who will oversee the investigation to ensure that the activities are in accordance with the DTSC approved Site Assessment Workplan dated January 23, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2013
Comments: Fieldwork performed per DTSC-approved Site Assessment Workplan dated January 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 07/24/2013
Comments: Some soil excavation followed with GW monitoring and LUC for a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/13/2013
Comments: Community Notice dated June 2013, entitled Negherbon Project Draft Response Plan Available for Review and Comment. DTSC invites the public to review and comment on the draft Response Plan (Remedial Action Plan) and proposed Notice of Exemption for the Negherbon Site.

NEGHERBON (Continued) **S112241534**

The fact sheet provides a Site history, summary of the proposed cleanup, and opportunities for public involvement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/13/2013
Comments: Public Notice dated June 2013, entitled Draft Response Plan for Negherbon Project. DTSC invites the public to comment on a Draft Response Plan for the Negherbon Project. Public Notice indicates Public Comment Period, June 18 through July 19, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/24/2014
Comments: Fieldwork performed per DTSC-approved Implementation Plan dated November 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/18/2014
Comments: Excavation completed per workplan. No confirmation samples exceeded screening level goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/04/2015
Comments: Operation and maintenance plan for groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/06/2014
Comments: Work Notice of Negherbon Soil Excavation and Removal Work to Begin March 17, 2014. DTSC will oversee this work to ensure that the activities take place in accordance with the DTSC-approved Response Plan and Implementation Plan dated June 2013 and October 2013, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 11/14/2013
Comments: Final Implementation Plan dated November 2013, approved by DTSC letter dated November 14, 2013. The objectives of the plan are to (1) describe elements of the response actions, and (2) provide details of the work to be conducted. The plan includes detailed plans as appendices that describe procedures required to implement the proposed response actions: Excavation and Backfill Plan, Transportation plan, Decontamination Plan, Air Monitoring Plan, Health and Safety Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

NEGHERBON (Continued) **S112241534**

Completed Document Type: Well Decommissioning Workplan
Completed Date: 10/14/2013
Comments: Request to Destroy Monitoring Wells at the Negherbon Property, dated October 11, 2013, approved by DTSC email dated October 14, 2013. Request includes tables/figures/attachments, Groundwater Monitoring Well Construction Details, Groundwater Monitoring Well Locations, and Monitoring Well Construction Logs. Well abandonment activities will be conducted in accordance with Alameda County Department of Public Works Agency (ACPWA) Well Standards Program requirements and any specific conditions of the ACPWA permit. A well closure report will be submitted to DTSC within 30 days of abandonment of each well. The report(s) will include copies of the well completion reports for the destroyed wells that are sent to the State of California Department of Water Resources.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 04/18/2014
Comments: Well Closure Report for the Destruction of Monitoring Wells at the Negherbon Property, dated March 28, 2014, approved by DTSC letter dated April 18, 2014. Report documents DTSC-approved destruction of six (6) monitoring wells on March 3, 2014. Report attachments include Alameda County Department of Public Works Agency (ACPWA) Well Destruction Permits and California Department of Water Resources (DWR) Well Completion Reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/15/2015
Comments: Well Installation Report and Quarterly Groundwater Monitoring Report for July 2015, dated November 6, 2015. The report presents data related to the installation, development, and sampling of three monitoring wells in accordance with the Operation and Maintenance (O&M) Plan for groundwater (EKI, February 2015). Sampling results for the first round of groundwater monitoring, collected in July 2015, are included in the report. Contaminant levels in groundwater monitoring wells are consistent with historical levels in groundwater beneath the site. In addition to 1,1,1-dicloroethane (1,1-DCA), trichloroethene, vinyl chloride, 1,1-dicloroethene, 1,2-dichloroethane, and 1,1,2-trichloroethane were detected above their respective maximum contaminant levels in the newly constructed upgradient well; however, a remedial goal has only been established for 1,1-DCA per the Response Plan (EKI, June 2013). Per the O&M Plan, additional data from the newly-installed monitoring wells will be obtained quarterly to evaluate the contaminant trends over time and the evidence for natural attenuation. Report approved by DTSC letter dated December 15, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/23/2016
Comments: Quarterly Groundwater Monitoring for December 2015, dated February 10, 2016. Approved by DTSC letter, dated February 23, 2016. Analytical results for groundwater samples from the three wells are

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summarized in Table 3. The analytical lab reports and chain-of-custody are included in Appendix C. VOCs were detected above reporting limits in samples from monitoring wells HMW-1 and HMW-2 (including the blind duplicate sample from HMW-3). Detected VOCs include 1,1-DCA, 1,1-DCE, 1,2-DCA, 1,1,2-TCA, TCE, and VC. These VOCs were reported at concentrations similar to those reported in samples collected during the first quarter event (see Table 3) and the Response Plan (see Appendix A). TPH was not detected in groundwater samples. Groundwater elevations measured in July and December 2015 are included in Table 2. As shown, groundwater levels measured in December were 0.71 to 1.19 feet higher than levels measured in July 2015, reflecting autumn rain. Concentrations of 1,1-DCA were higher in samples collected during December than concentrations collected during July 2015. However, because there have been only two sampling events, there are insufficient data to evaluate the natural attenuation of 1,1-DCA. The next quarterly groundwater monitoring will be performed during April 2016. The DTSC will be notified regarding the exact date 7 days prior to the monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/27/2016
Comments: Quarterly Groundwater Monitoring for April 2016. VOCs were detected above reporting limits in samples from monitoring wells HMW-1 and HMW-2 (including the blind duplicate sample from HMW-3). Detected VOCs include 1,1-DCA, 1,1-DCE, 1,2-DCA, 1,1,2-TCA, TCE, and VC. These VOCs were reported at concentrations similar to those reported in samples collected during the first quarter event and the Response Plan. TPH was not detected in groundwater samples. Groundwater levels measured in April were 1.74 to 1.86 feet higher than levels measured in July 2015, reflecting autumn and winter rain. The data collected during July and December 2015 and April 2016 indicate: TPH has not been reported in groundwater collected from HMW-1, HMW-2, or HMW-3. 1,1-DCA concentrations in groundwater collected from HMW-1 and HMW-2 are generally lower than in groundwater collected during the previous investigation. 1,1-DCA concentrations in groundwater collected from HMW-1 and HMW-2 are generally stable; concentrations do not appear to be increasing. Redox conditions are suitable for dechlorination of 1,1-DCA. As described in the DTSC approved O&M Plan, after 6 quarters of monitoring an evaluation of COCs in groundwater will be prepared and if appropriate, cessation of further groundwater monitoring events will be recommended. Based on the data collected during the first three quarterly events, it is anticipated the COC evaluation will be provided in early 2017, after the sixth quarterly event. The next quarterly groundwater monitoring will be performed during July 2016. DTSC will be notified regarding the exact date 7 days prior to the monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/04/2016
Comments: Quarterly Groundwater Monitoring for July 2016. The data collected during July and December 2015 and April and July 2016 indicate: TPH has not been reported in groundwater collected from HMW-1, HMW-2, or HMW-3. 1,1-DCA concentrations in groundwater collected from HMW-1 and

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HMW-2 are similar to or lower than those detected during the previous sampling events. 1,1-DCA concentrations in groundwater collected from HMW-1 and HMW-2 are generally stable; concentrations do not appear to be increasing. Based on the data collected during the first three quarterly events, it is anticipated the COC evaluation will be provided in early 2017, after the sixth quarterly event. The next quarterly groundwater monitoring will be performed during October 2016. The DTSC will be notified regarding the exact date approximately 7 days prior to the monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/23/2013
Comments: CEQA Notice of Exemption by General Rule [CCR, Sec. 15061(b)(3)]: It can be seen with certainty that there is no possibility that the activities in question will result in a significant effect on the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 05/11/2016
Comments: The California Department of Toxic Substances Control (DTSC) and Hive Development Group, LLC, a California limited liability company (Proponent) enter into this Operation and Maintenance Agreement (Agreement) for the site located at 2333 Broadway and 421 24th Street, Oakland, Alameda County, California (Site). A DTSC-approved remedy has been installed at the Site for the remediation of groundwater. The remedy consists of groundwater monitoring, a land use covenant restricting the use of Environmental Area 1 for sensitive uses without further DTSC review, and restricting the use of groundwater. The Site is owned by Hive Development Group, LLC. A site location map and the assessor's parcel map are attached as Exhibit A and Exhibit B. A site map or diagram showing the location(s) of the installed remedy (groundwater monitoring wells) is attached as Exhibit C. Proponent shall fully implement the DTSC-approved Operation and Maintenance Plan dated February 2015, including any requirements for inspections, monitoring, reporting and record keeping as approved by DTSC on March 4, 2015 or any successor O&M Plan as later approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2014
Comments: Annual Oversight Cost Estimate letter with enclosures (Cost Estimate and Activity Schedule) of DTSC oversight for 2014/2015 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 01/29/2014
Comments: Health & Safety review of Pre-HARP Form (Hazard Appraisal and Recognition Plan Presite Visit Form) completed on 1/24/2014. Industrial Hygienist reviewed Pre-HARP, provided recommendations for safety and health, and returned to PM for supervisor approval on

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1/29/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/16/2015
Comments: Second round of quarterly groundwater monitoring samples, collected on December 16, 2015, of three monitoring wells in accordance with the O&M Plan for groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/12/2016
Comments: Groundwater samples collection completed as scheduled, Tuesday, April 12, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/12/2016
Comments: Groundwater samples collected on Tuesday, July 12, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2015
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2015/2016 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/26/2015
Comments: Notification of change in DTSC Project Manager as of August 18, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 04/02/2013
Comments: Standard Agreement for participating under California's Land Reuse and Revitalization Act (CLRRA) Program, between Hive Development Group, LLC, a California limited liability company, and DTSC, fully executed on April 2, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/26/2016
Comments: DTSC finds that all response actions, other than long-term operation and maintenance at the Negherbon Site, located at 2333 Broadway and 421 24th Street, Oakland, California 94612 (Site), have been satisfactorily completed in accordance with the requirements of the Response Plan, approved by DTSC on July 24, 2013. In accordance with the requirements of the California Land Reuse and Redevelopment Act (CLRRA), DTSC issues a Certificate of Completion for the Site.

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Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2017
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	02/28/2017
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	05/31/2017
Schedule Revised Date:	Not reported

VCP:

Facility ID:	60001834
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.69
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Elena Joy Pelen
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201954
Assembly:	18
Senate:	09
Special Programs Code:	CLRRA Liability Immunity (AB 389)
Status:	Certified / Operation & Maintenance
Status Date:	05/26/2016
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	37.81326 / -122.2664
APN:	008 066600500, 008 066600900, 008 066601002, 008 066601003, 8-739-12, 8-739-13, 8-739-14
Past Use:	VEHICLE MAINTENANCE
Potential COC:	30013, 30022, 30024, 30025, 30027
Confirmed COC:	30013,30024,30025
Potential Description:	OTH, SOIL
Alias Name:	Hive Development
Alias Type:	Alternate Name
Alias Name:	008 066600500
Alias Type:	APN
Alias Name:	008 066600900
Alias Type:	APN
Alias Name:	008 066601002
Alias Type:	APN
Alias Name:	008 066601003
Alias Type:	APN
Alias Name:	8-739-12
Alias Type:	APN
Alias Name:	8-739-13
Alias Type:	APN

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Alias Name: 8-739-14
Alias Type: APN
Alias Name: T10000003613
Alias Type: GeoTracker Global ID
Alias Name: 201954
Alias Type: Project Code (Site Code)
Alias Name: 60001834
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2013
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2013/2014 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2016
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2016/2017 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/19/2015
Comments: Land Use Covenant (LUC) and Agreement for Environmental Restrictions recorded at County of Alameda on 8/19/2015. LUC made by and between Hive Development Group, LLC, a California limited liability company, current owner of property, and DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/28/2013
Comments: Letter dated March 27, 2013, notifying agencies of DTSC's intent to enter into an agreement under the California Land Reuse and Revitalization Act of 2004 (CLRRA) with the Hive Development Group, LLC, for the property located at 2345 and 2333 Broadway and 421 24th Street in Oakland, Alameda County, California. Entry into this agreement provides Hive Development Group, LLC with immunity from liability for certain hazardous materials response costs and damage claims. Under the agreement, Hive Development Group, LLC will perform a site assessment and prepare and implement a response plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 10/30/2012
Comments: Confirmation letter of submittal receipt, dated October 30, 2012. DTSC received Request for Oversight of a Brownfield Site application for Negherbon Site. Under Memorandum of Agreement, agencies determined that DTSC is appropriate oversight agency for project.

NEGHERBON (Continued) **S112241534**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/02/2013
Comments: Phase I Environmental Site Assessment Report and All Appropriate Inquires Report dated November 8, 2012, approved by DTSC letter dated January 1, 2013. Per report recommendation, given Client s plans to redevelop the property for residential and commercial uses, limited additional assessment consistent with the proposed land use appears warranted and will be proposed in a separate document. DTSC reviewed the report for compliance with the All Appropriate Inquiries Final Rule at 40 CFR Part 312.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/06/2013
Comments: Community Profile dated April 2013, describes the community and potential community concerns regarding the potential health risks associated with the development of the Negherbon Project Site and the anticipated public participation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/23/2013
Comments: Workplan which identifies locations of samples to be collected for CPT, soil, shallow and deep gw and chemical analyses which will be conducted. Sampling revisions approved on 1/30/2013, see revised figure 10

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/23/2013
Comments: Work Notice of Site Assessment Work at Negherbon, Oakland, CA. Work will begin January 31, 2013. Sampling results will be compiled into a report and reviewed by DTSC who will oversee the investigation to ensure that the activities are in accordance with the DTSC approved Site Assessment Workplan dated January 23, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2013
Comments: Fieldwork performed per DTSC-approved Site Assessment Workplan dated January 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 07/24/2013
Comments: Some soil excavation followed with GW monitoring and LUC for a portion of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

NEGHERBON (Continued) **S112241534**

Completed Document Type: Fact Sheets
Completed Date: 06/13/2013
Comments: Community Notice dated June 2013, entitled Negherbon Project Draft Response Plan Available for Review and Comment. DTSC invites the public to review and comment on the draft Response Plan (Remedial Action Plan) and proposed Notice of Exemption for the Negherbon Site. The fact sheet provides a Site history, summary of the proposed cleanup, and opportunities for public involvement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/13/2013
Comments: Public Notice dated June 2013, entitled Draft Response Plan for Negherbon Project. DTSC invites the public to comment on a Draft Response Plan for the Negherbon Project. Public Notice indicates Public Comment Period, June 18 through July 19, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/24/2014
Comments: Fieldwork performed per DTSC-approved Implementation Plan dated November 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/18/2014
Comments: Excavation completed per workplan. No confirmation samples exceeded screening level goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/04/2015
Comments: Operation and maintenance plan for groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/06/2014
Comments: Work Notice of Negherbon Soil Excavation and Removal Work to Begin March 17, 2014. DTSC will oversee this work to ensure that the activities take place in accordance with the DTSC-approved Response Plan and Implementation Plan dated June 2013 and October 2013, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 11/14/2013
Comments: Final Implementation Plan dated November 2013, approved by DTSC letter dated November 14, 2013. The objectives of the plan are to (1) describe elements of the response actions, and (2) provide details of the work to be conducted. The plan includes detailed plans as appendices that describe procedures required to implement the

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proposed response actions: Excavation and Backfill Plan, Transportation plan, Decontamination Plan, Air Monitoring Plan, Health and Safety Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 10/14/2013
Comments: Request to Destroy Monitoring Wells at the Negherbon Property, dated October 11, 2013, approved by DTSC email dated October 14, 2013. Request includes tables/figures/attachments, Groundwater Monitoring Well Construction Details, Groundwater Monitoring Well Locations, and Monitoring Well Construction Logs. Well abandonment activities will be conducted in accordance with Alameda County Department of Public Works Agency (ACPWA) Well Standards Program requirements and any specific conditions of the ACPWA permit. A well closure report will be submitted to DTSC within 30 days of abandonment of each well. The report(s) will include copies of the well completion reports for the destroyed wells that are sent to the State of California Department of Water Resources.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 04/18/2014
Comments: Well Closure Report for the Destruction of Monitoring Wells at the Negherbon Property, dated March 28, 2014, approved by DTSC letter dated April 18, 2014. Report documents DTSC-approved destruction of six (6) monitoring wells on March 3, 2014. Report attachments include Alameda County Department of Public Works Agency (ACPWA) Well Destruction Permits and California Department of Water Resources (DWR) Well Completion Reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/15/2015
Comments: Well Installation Report and Quarterly Groundwater Monitoring Report for July 2015, dated November 6, 2015. The report presents data related to the installation, development, and sampling of three monitoring wells in accordance with the Operation and Maintenance (O&M) Plan for groundwater (EKI, February 2015). Sampling results for the first round of groundwater monitoring, collected in July 2015, are included in the report. Contaminant levels in groundwater monitoring wells are consistent with historical levels in groundwater beneath the site. In addition to 1,1,1-dicloroethane (1,1-DCA), trichloroethene, vinyl chloride, 1,1-dicloroethene, 1,2-dichloroethane, and 1,1,2-trichloroethane were detected above their respective maximum contaminant levels in the newly constructed upgradient well; however, a remedial goal has only been established for 1,1-DCA per the Response Plan (EKI, June 2013). Per the O&M Plan, additional data from the newly-installed monitoring wells will be obtained quarterly to evaluate the contaminant trends over time and the evidence for natural attenuation. Report approved by DTSC letter dated December 15, 2015.

Completed Area Name: PROJECT WIDE

NEGHERBON (Continued) **S112241534**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/23/2016
Comments: Quarterly Groundwater Monitoring for December 2015, dated February 10, 2016. Approved by DTSC letter, dated February 23, 2016. Analytical results for groundwater samples from the three wells are summarized in Table 3. The analytical lab reports and chain-of-custody are included in Appendix C. VOCs were detected above reporting limits in samples from monitoring wells HMW-1 and HMW-2 (including the blind duplicate sample from HMW-3). Detected VOCs include 1,1-DCA, 1,1-DCE, 1,2-DCA, 1,1,2-TCA, TCE, and VC. These VOCs were reported at concentrations similar to those reported in samples collected during the first quarter event (see Table 3) and the Response Plan (see Appendix A). TPH was not detected in groundwater samples. Groundwater elevations measured in July and December 2015 are included in Table 2. As shown, groundwater levels measured in December were 0.71 to 1.19 feet higher than levels measured in July 2015, reflecting autumn rain. Concentrations of 1,1-DCA were higher in samples collected during December than concentrations collected during July 2015. However, because there have been only two sampling events, there are insufficient data to evaluate the natural attenuation of 1,1-DCA. The next quarterly groundwater monitoring will be performed during April 2016. The DTSC will be notified regarding the exact date 7 days prior to the monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/27/2016
Comments: Quarterly Groundwater Monitoring for April 2016. VOCs were detected above reporting limits in samples from monitoring wells HMW-1 and HMW-2 (including the blind duplicate sample from HMW-3). Detected VOCs include 1,1-DCA, 1,1-DCE, 1,2-DCA, 1,1,2-TCA, TCE, and VC. These VOCs were reported at concentrations similar to those reported in samples collected during the first quarter event and the Response Plan. TPH was not detected in groundwater samples. Groundwater levels measured in April were 1.74 to 1.86 feet higher than levels measured in July 2015, reflecting autumn and winter rain. The data collected during July and December 2015 and April 2016 indicate: TPH has not been reported in groundwater collected from HMW-1, HMW-2, or HMW-3. 1,1-DCA concentrations in groundwater collected from HMW-1 and HMW-2 are generally lower than in groundwater collected during the previous investigation. 1,1-DCA concentrations in groundwater collected from HMW-1 and HMW-2 are generally stable; concentrations do not appear to be increasing. Redox conditions are suitable for dechlorination of 1,1-DCA. As described in the DTSC approved O&M Plan, after 6 quarters of monitoring an evaluation of COCs in groundwater will be prepared and if appropriate, cessation of further groundwater monitoring events will be recommended. Based on the data collected during the first three quarterly events, it is anticipated the COC evaluation will be provided in early 2017, after the sixth quarterly event. The next quarterly groundwater monitoring will be performed during July 2016. DTSC will be notified regarding the exact date 7 days prior to the monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

NEGHERBON (Continued) **S112241534**

Completed Document Type: Operations and Maintenance Report
Completed Date: 10/04/2016
Comments: Quarterly Groundwater Monitoring for July 2016. The data collected during July and December 2015 and April and July 2016 indicate: TPH has not been reported in groundwater collected from HMW-1, HMW-2, or HMW-3. 1,1-DCA concentrations in groundwater collected from HMW-1 and HMW-2 are similar to or lower than those detected during the previous sampling events. 1,1-DCA concentrations in groundwater collected from HMW-1 and HMW-2 are generally stable; concentrations do not appear to be increasing. Based on the data collected during the first three quarterly events, it is anticipated the COC evaluation will be provided in early 2017, after the sixth quarterly event. The next quarterly groundwater monitoring will be performed during October 2016. The DTSC will be notified regarding the exact date approximately 7 days prior to the monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/23/2013
Comments: CEQA Notice of Exemption by General Rule [CCR, Sec. 15061(b)(3)]: It can be seen with certainty that there is no possibility that the activities in question will result in a significant effect on the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 05/11/2016
Comments: The California Department of Toxic Substances Control (DTSC) and Hive Development Group, LLC, a California limited liability company (Proponent) enter into this Operation and Maintenance Agreement (Agreement) for the site located at 2333 Broadway and 421 24th Street, Oakland, Alameda County, California (Site). A DTSC-approved remedy has been installed at the Site for the remediation of groundwater. The remedy consists of groundwater monitoring, a land use covenant restricting the use of Environmental Area 1 for sensitive uses without further DTSC review, and restricting the use of groundwater. The Site is owned by Hive Development Group, LLC. A site location map and the assessor's parcel map are attached as Exhibit A and Exhibit B. A site map or diagram showing the location(s) of the installed remedy (groundwater monitoring wells) is attached as Exhibit C. Proponent shall fully implement the DTSC-approved Operation and Maintenance Plan dated February 2015, including any requirements for inspections, monitoring, reporting and record keeping as approved by DTSC on March 4, 2015 or any successor O&M Plan as later approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2014
Comments: Annual Oversight Cost Estimate letter with enclosures (Cost Estimate and Activity Schedule) of DTSC oversight for 2014/2015 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

NEGHERBON (Continued) **S112241534**

Completed Document Type: Pre-HARP Form
Completed Date: 01/29/2014
Comments: Health & Safety review of Pre-HARP Form (Hazard Appraisal and Recognition Plan Presite Visit Form) completed on 1/24/2014. Industrial Hygienist reviewed Pre-HARP, provided recommendations for safety and health, and returned to PM for supervisor approval on 1/29/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/16/2015
Comments: Second round of quarterly groundwater monitoring samples, collected on December 16, 2015, of three monitoring wells in accordance with the O&M Plan for groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/12/2016
Comments: Groundwater samples collection completed as scheduled, Tuesday, April 12, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/12/2016
Comments: Groundwater samples collected on Tuesday, July 12, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2015
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2015/2016 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/26/2015
Comments: Notification of change in DTSC Project Manager as of August 18, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 04/02/2013
Comments: Standard Agreement for participating under California's Land Reuse and Revitalization Act (CLRRA) Program, between Hive Development Group, LLC, a California limited liability company, and DTSC, fully executed on April 2, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/26/2016
Comments: DTSC finds that all response actions, other than long-term operation

NEGHERBON (Continued) **S112241534**

and maintenance at the Negherbon Site, located at 2333 Broadway and 421 24th Street, Oakland, California 94612 (Site), have been satisfactorily completed in accordance with the requirements of the Response Plan, approved by DTSC on July 24, 2013. In accordance with the requirements of the California Land Reuse and Redevelopment Act (CLRRA), DTSC issues a Certificate of Completion for the Site.

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2017
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	02/28/2017
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	05/31/2017
Schedule Revised Date:	Not reported

DEED:

Envirostor ID:	60001834
Area:	PROJECT WIDE
Sub Area:	Not reported
Site Type:	VOLUNTARY CLEANUP
Status:	CERTIFIED / OPERATION & MAINTENANCE
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	08/19/2015

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129 WSW 1/2-1 0.900 mi. 4752 ft.

OAKLAND LAUNDRY COMPANY
730 29TH STREET
OAKLAND, CA 94609

ENVIROSTOR **S102430198**
LUST **N/A**
Alameda County CS
HIST CORTESE

Relative: Lower

Actual: 36 ft.

ENVIROSTOR:

Facility ID:	1720100
Status:	No Further Action
Status Date:	11/05/1980
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	18
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

OAKLAND LAUNDRY COMPANY (Continued) **S102430198**

Funding:	Not reported
Latitude:	37.81945
Longitude:	-122.2727
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	Not reported
Alias Type:	Not reported

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

LUST:

Region:	STATE
Global Id:	T0600102012
Latitude:	37.8190339
Longitude:	-122.2728993
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/15/1997
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-2190
LOC Case Number:	RO0000659
File Location:	All Files are on GeoTracker or in the Local Agency Database
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:	T0600102012
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

OAKLAND LAUNDRY COMPANY (Continued) **S102430198**

Status History:

Global Id:	T0600102012
Status:	Open - Case Begin Date
Status Date:	10/22/1986
Global Id:	T0600102012
Status:	Completed - Case Closed
Status Date:	09/15/1997

Regulatory Activities:

Global Id:	T0600102012
Action Type:	Other
Date:	10/22/1986
Action:	Leak Reported

LUST REG 2:

Region:	2
Facility Id:	01-2190
Facility Status:	Case Closed
Case Number:	4476
How Discovered:	Subsurface Monitoring
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Alameda County CS:

Status:	Case Closed
Record Id:	RO0000659
PE:	5602
Facility Status:	Case Closed

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2190

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130 South 1/2-1 0.902 mi. 4762 ft. **LAWLER APARTMENTS** **431 LEE STREET** **OAKLAND, CA 92626** **Notify 65** **S100179333** **N/A**

Relative: Lower

Actual: 41 ft.

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported

LAWLER APARTMENTS (Continued) **S100179333**

Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

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131 SSW 1/2-1 0.915 mi. 4829 ft.

CROWLEY MARITIME CORP.
PAC. DRY DOCK YARDS 1&2
OAKLAND, CA 92626

Notify 65 **S100179670**
N/A

Relative: Lower

Actual: 22 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

---

132 WSW 1/2-1 0.952 mi. 5025 ft.

MOSTLY MUSTANGS
2576 MARTIN LUTHER KING JR WAY
OAKLAND, CA 94612

LUST
Alameda County CS
HIST CORTESE
Notify 65

S100226828
N/A

Relative: Lower

Actual: 30 ft.

LUST:

Region:	STATE
Global Id:	T0600100942
Latitude:	37.816128
Longitude:	-122.271556
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/24/1997
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-1021
LOC Case Number:	RO0001596
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
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:	T0600100942
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

MOSTLY MUSTANGS (Continued) **S100226828**

Status History:

Global Id:	T0600100942
Status:	Open - Case Begin Date
Status Date:	08/11/1989
Global Id:	T0600100942
Status:	Completed - Case Closed
Status Date:	03/24/1997

Regulatory Activities:

Global Id:	T0600100942
Action Type:	Other
Date:	08/11/1989
Action:	Leak Reported
Global Id:	T0600100942
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Not reported
Global Id:	T0600100942
Action Type:	ENFORCEMENT
Date:	11/07/1995
Action:	* Historical Enforcement - #UNK

LUST REG 2:

Region:	2
Facility Id:	01-1021
Facility Status:	Case Closed
Case Number:	1089
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	3/12/1992
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Alameda County CS:

Status:	Case Closed
Record Id:	RO0001596
PE:	5602
Facility Status:	Case Closed

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1021

MOSTLY MUSTANGS (Continued) **S100226828**

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

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133 West 1/2-1 0.968 mi. 5112 ft.

Relative: Lower

Actual: 35 ft.

CAL-TECH METAL FINISHING INC
841 31ST STREET
OAKLAND, CA 94608

SEMS **1000133512**
RCRA-LQG **CAD040014342**
ENVIROSTOR
PRP
ICIS
FINDS
EMI
WDS
ECHO

SEMS:

Site ID:	905868
EPA ID:	CAD040014342
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0905868
EPA ID:	CAD040014342
Facility County:	ALAMEDA
Short Name:	CAL TECH METAL FINISHERS
Congressional District:	Not reported
IFMS ID:	09HF
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	R
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:	Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date:	12/19/01
Site Fips Code:	06001
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9000068.00000
Contact Name: Tom J. Dunkelman
Contact Tel: (415) 972-3044
Contact Title: On-Scene Coordinator (OSC)
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

Alias Comments: Not reported
Site Description: The site consists of four interconnected, corrogated steel warehouse-type buildings and an adjacent fenced lot. Site was already in EPA databases as RCRA site; exact same site name and EPA ID were used for this Superfund site record.

CERCLIS Assessment History:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 04/26/01
Date Completed: 04/26/01
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA In-House
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 05/15/01
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Action Code:	001
Action:	ADMINISTRATIVE RECORDS
Date Started:	/ /
Date Completed:	07/16/01
Priority Level:	Admin Record Compiled for a Removal Event
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

Action Code:	001
Action:	REMOVAL
Date Started:	07/23/01
Date Completed:	12/07/01
Priority Level:	Cleaned up
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Time Critical
Action Anomaly:	Not reported

Action Code:	001
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	/ /
Date Completed:	10/12/04
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

RCRA-LQG:

Date form received by agency:	03/02/2010
Facility name:	CALTECH METAL FINISHERS
Facility address:	841 31ST STREET OAKLAND, CA 94608
EPA ID:	CAD040014342
Mailing address:	HEINZ AVENUE BERKELEY, CA 94710
Contact:	JAYANTHA RANDENI
Contact address:	HEINZ AVENUE BERKELEY, CA 94710
Contact country:	US
Contact telephone:	(510) 540-3806
Contact email:	JRANDENI@DTCS.CA.GOV
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

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

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:	PAS DEVELOPMENT LLC
Owner/operator address:	W AMERICAN CANYON AMERICAN CANYON, CA 94503
Owner/operator country:	Not reported
Owner/operator telephone:	(707) 649-5080
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/01/2007
Owner/Op end date:	Not reported
Owner/operator name:	R CROSS, R WICKMAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	DTSC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	06/06/2006
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
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

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

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: 181
. Waste name: 181

. Waste code: 291
. Waste name: 291

. Waste code: 331
. Waste name: 331

. Waste code: 551
. Waste name: 551

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Historical Generators:
Date form received by agency: 05/19/2009
Site name: CALTECH METAL FINISHERS
Classification: Large Quantity Generator

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 04/30/2009
Site name: CALTECH METAL FINISHERS
Classification: Large Quantity Generator

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/12/2000
Site name: CAL - TECH METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 05/14/1986
Site name: CAL TECH METAL FINISHERS INC
Classification: Small Quantity Generator

Violation Status: No violations found

ENVIROSTOR:
Facility ID: 71002363
Status: Refer: Other Agency
Status Date: 10/05/2011
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.64
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.82087
Longitude: -122.2745
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD040014342
Alias Type: EPA Identification Number
Alias Name: 110001133489
Alias Type: EPA (FRS #)
Alias Name: 01340118
Alias Type: Envirostor ID Number
Alias Name: 71002363
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/01/1998
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

PRP:
PRP name: CAL TECH METAL FINISHERS INC
DONALD DEAN
DONALD DEAN
JAMES PARKS

ICIS:
Enforcement Action ID: 09-2005-0004
FRS ID: 110001133489
Action Name: Cal Tech Metal Finishers
Facility Name: CAL TECH METAL FINISHING INCORPORATED
Facility Address: 841 31ST STREET
OAKLAND, CA 94608
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ALAMEDA
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122H
Facility SIC Code: 3471
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.821367
Longitude in Decimal Degrees: -122.275696
Permit Type Desc: Not reported
Program System Acronym: 29014
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2001-0150
FRS ID: 110001133489
Action Name: CAL TECH METAL FINISHERS
Facility Name: CAL TECH METAL FINISHING INCORPORATED
Facility Address: 841 31ST STREET
OAKLAND, CA 94608
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ALAMEDA
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: 3471
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.821367

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Longitude in Decimal Degrees:	-122.275696
Permit Type Desc:	Not reported
Program System Acronym:	29014
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

FINDS:

Registry ID: 110001133489

Environmental Interest/Information System
California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZARDOUS AIR POLLUTANT MAJOR

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.

HAZARDOUS WASTE BIENNIAL REPORTER

SUPERFUND (NON-NPL)

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

EMI:
Year: 1987
County Code: 1

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1993
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
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

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	5039
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	5039
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

WDS:

Facility ID:	San Francisco Bay 01I003892
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	5106535054
Facility Contact:	SUNG JIN HUH
Agency Name:	CALTECH METAL FINISHERS
Agency Address:	841 31st St
Agency City,St,Zip:	Oakland 946084398
Agency Contact:	SUNG JIN HUH
Agency Telephone:	5106535054

CAL-TECH METAL FINISHING INC (Continued) **1000133512**

Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher 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 thosewho 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.

ECHO:

Envid:	1000133512
Registry ID:	110001133489
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110001133489

134
NNE
1/2-1
0.987 mi.
5213 ft.

UNOCAL #1028 / CONOCOPHILLIPS #2510 **LUST** **S100179380**
5300 BROADWAY **Alameda County CS** **N/A**
OAKLAND, CA 94618 **Notify 65**

Relative:
Higher

Actual:
185 ft.

LUST:

Region:	STATE
Global Id:	T0600101481
Latitude:	37.837729
Longitude:	-122.249923
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/20/1994
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01-1606
LOC Case Number:	RO0000528
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating, Gasoline
Site History:	Not reported

UNOCAL #1028 / CONOCOPHILLIPS #2510 (Continued) **S100179380**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0600101481
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0600101481
Status:	Open - Case Begin Date
Status Date:	11/22/1989
Global Id:	T0600101481
Status:	Open - Site Assessment
Status Date:	11/22/1989
Global Id:	T0600101481
Status:	Completed - Case Closed
Status Date:	04/20/1994

Regulatory Activities:

Global Id:	T0600101481
Action Type:	Other
Date:	12/05/1989
Action:	Leak Reported
Global Id:	T0600101481
Action Type:	REMEDIATION
Date:	11/27/1989
Action:	Other (Use Description Field)
Global Id:	T0600101481
Action Type:	REMEDIATION
Date:	01/04/1990
Action:	Excavation
Global Id:	T0600101481
Action Type:	Other
Date:	11/22/1989
Action:	Leak Discovery

Region:	STATE
Global Id:	T0619732490
Latitude:	37.837333
Longitude:	-122.250227
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/26/2012
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	Not reported

UNOCAL #1028 / CONOCOPHILLIPS #2510 (Continued) **S100179380**

Local Agency: Not reported
RB Case Number: NA
LOC Case Number: RO0002967
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel, Gasoline
Site History: The Site is currently operated by an independent gasoline station operator but was formerly ConocoPhillips. The current site owner purchased the USTs currently in place along with the property. Fuel leak case RO528 was closed on 4/20/1994 for the ConocoPhillips service station. That closure was for the USTs removed on 11/22/1989 and replaced with the USTs currently present at the site (in the same location) which are not part of this closure. On September 27, 2007, ATC advanced three soil borings for a property transaction, ATC-2, ATC, 4 and ATC-5. Soil samples contained maximum concentrations of 5.2 ppm TPHg in ATC- 5 from 5 feet below ground surface (bgs). Grab groundwater samples detected up to 25,000 ppb TPHd and 5,300 ppb TPHg in boring ATC-2. (No diesel tanks were reported to have been on-site.) The soil sample from ATC04 contained methylene chloride at 0.007ppm but no petroleum hydrocarbons. No groundwater sample was collected from ATC-4. December 1, through 10, 2010 Antea Group oversaw Cascade Drilling install monitoring wells MW-1, MW-2 and MW-3, advance 3 soil borings and attempt one CPT boring. Monitoring well MW-1 was placed adjacent to former boring ATC-2. The maximum concentration was 447 ppm Diesel Range Organics (DRO) in MW-2 from 7.5 to 8 feet bgs. No gasoline range organics (GRO), BTEX or oxygenates were detected in soil. Groundwater from the monitoring wells had maximum detections of 119 ppb GRO, 74.4 ppb DRO and 2.5 ppb MTBE. December 2010 August 2011 Quarterly groundwater monitoring was performed at site for four quarters. Maximum concentrations of 119 ppb GRO, 74.4 ppb DRO and 2.5 ppb MTBE were reported from groundwater in the wells. Contaminant concentrations in groundwater have reduced over the four quarters of monitoring to levels stated above.

Click here to access the California GeoTracker records for this facility:

Status History:

Global Id: T0619732490
Status: Open - Case Begin Date
Status Date: 09/27/2007

Global Id: T0619732490
Status: Open - Site Assessment
Status Date: 09/27/2007

Global Id: T0619732490
Status: Open - Site Assessment
Status Date: 11/01/2007

Global Id: T0619732490
Status: Completed - Case Closed
Status Date: 11/26/2012

Regulatory Activities:

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 07/03/2008

UNOCAL #1028 / CONOCOPHILLIPS #2510 (Continued) **S100179380**

Action: Staff Letter - #20080703

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 10/16/2008
Action: Staff Letter - #20081016

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 11/26/2012
Action: Closure/No Further Action Letter - #20121126

Global Id: T0619732490
Action Type: Other
Date: 10/18/2007
Action: Leak Discovery

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 06/25/2008
Action: Staff Letter - #20080625

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 03/06/2009
Action: Staff Letter - #20090306

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 08/16/2012
Action: Staff Letter - #20120816

Global Id: T0619732490
Action Type: RESPONSE
Date: 09/20/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0619732490
Action Type: RESPONSE
Date: 07/20/2012
Action: Fact Sheets - Public Participation

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0619732490
Action Type: RESPONSE
Date: 11/16/2012
Action: Well Destruction Report

Global Id: T0619732490
Action Type: Other
Date: 11/20/2007
Action: Leak Reported

UNOCAL #1028 / CONOCOPHILLIPS #2510 (Continued) **S100179380**

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 04/25/2008
Action: * Historical Enforcement - #20080425

Global Id: T0619732490
Action Type: ENFORCEMENT
Date: 07/05/2012
Action: Notification - Public Notice of Case Closure - #20120705

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0002967
PE: 5602
Facility Status: Leak Confirmation

Status: Pollution Characterization
Record Id: RO0002967
PE: 5602
Facility Status: Pollution Charaterization

Status: Case Closed
Record Id: RO0002967
PE: 5602
Facility Status: Case Closed

Status: Leak Confirmation
Record Id: RO0000528
PE: 5602
Facility Status: Leak Confirmation

Status: Case Closed
Record Id: RO0000528
PE: 5602
Facility Status: Case Closed

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OAKLAND	S118421409	ALLIANCE RESIDENTIAL REDEVELOPMENT	2820 & 2855 BROADWAY	94611	Alameda County CS
OAKLAND	S119002709	CALTRANS 29TH ST & MARTIN LUTHER K	0 29TH ST	94608	LUST
OAKLAND	S110326384	CAL TECH METALS	825, 829, 841 31ST STREET	94608	RESPONSE, ENVIROSTOR, LIENS, Cortese
OAKLAND	S106875087	CHEVRON #9-2029	890 MACARTHUR BLVD	94608	LUST
OAKLAND	S109277169	MACARTHUR BART TRANSIT VILLAGE	NONE 40TH STREET AND TELEGRAPH	94612	SLIC, BROWNFIELDS
OAKLAND	1016170552	OAKLAND ESTUARY MARINE DEBRIS REMO	OAKLAND ESTUARY		SEMS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	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: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/17/2017
	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: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/20/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 05/01/2017
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: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
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: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
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: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

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: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
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: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

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: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/27/2017
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: 11/15/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
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: 11/15/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

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: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
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 identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/15/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 66

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

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

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 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
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST 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 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
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: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

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: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

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: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
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: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

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: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
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: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 40

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

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

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: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

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: 01/26/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 119

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

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: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
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: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
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: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
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: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

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: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
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: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

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: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/27/2016
Next Scheduled EDR Contact: 04/10/2017
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: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds 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: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 01/04/2017
Next Scheduled EDR Contact: 04/10/2017
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: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
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: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 08/26/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
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: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
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: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
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 Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
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: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
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.

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: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
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: 08/31/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
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: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
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.

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: 12/01/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
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: 11/29/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 45

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
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: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 37

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 83

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/25/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
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: 09/12/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/08/2016
Next Scheduled EDR Contact: 03/20/2017
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 02/27/2017
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: 10/11/2016
Date Data Arrived at EDR: 11/16/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/27/2017
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: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
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: 11/11/2016
Next Scheduled EDR Contact: 02/20/2017
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: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
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: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
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: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
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: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
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: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
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

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
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: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
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: 07/27/2016
Date Data Arrived at EDR: 08/05/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 03/06/2017
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 03/06/2017
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
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
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
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
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
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/08/2017
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: 10/03/2016
Date Data Arrived at EDR: 10/05/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 04/17/2017
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
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: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
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 Transporation, 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 Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
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: 01/23/2017
Next Scheduled EDR Contact: 04/10/2017
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/23/2016
Next Scheduled EDR Contact: 03/06/2017
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: 01/13/2017
Next Scheduled EDR Contact: 04/24/2017
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: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
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.

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: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
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 1931and 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: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
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: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
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: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/01/2016
Next Scheduled EDR Contact: 03/13/2017
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.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
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
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

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: 07/15/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 65

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 01/20/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/28/2016
Next Scheduled EDR Contact: 04/10/2017
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: 09/02/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
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: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/09/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 40

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
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: 11/16/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 63

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
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
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
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
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
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: 10/12/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/11/2017
Next Scheduled EDR Contact: 04/24/2017
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
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 01/13/2017
Next Scheduled EDR Contact: 03/27/2017
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: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
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: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 12/26/2016
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: 09/19/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/16/2016
Next Scheduled EDR Contact: 04/03/2017
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: 07/06/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
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: 01/13/2017
Next Scheduled EDR Contact: 04/24/2047
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: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
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: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
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: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
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: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 73

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

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.

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: 10/12/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/06/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 90

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 11/10/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 9

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 23

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/27/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 65

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 11/01/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/22/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 55

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
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: 10/11/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/03/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 63

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
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: 12/14/2016
Date Data Arrived at EDR: 12/16/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 6

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016
Date Data Arrived at EDR: 09/09/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 35

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

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: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 66

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 10/18/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 58

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/18/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
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: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 05/01/2017
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: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/04/2016
Date Data Arrived at EDR: 10/11/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 93

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
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: 12/05/2016
Date Data Arrived at EDR: 12/09/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 41

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/19/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 79

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/17/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/05/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 17

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
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: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
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: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 44

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/03/2016
Date Data Arrived at EDR: 11/11/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 73

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2016
Date Data Arrived at EDR: 11/11/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 73

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/03/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 65

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/07/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 51

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 45

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
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: 08/22/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 73

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Quarterly

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: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/19/2016
Number of Days to Update: 42

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
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: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

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: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
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: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite 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: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 52

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
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: 09/21/2016
Date Data Arrived at EDR: 09/22/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 26

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
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: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
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: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/10/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 75

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/15/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
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: 11/29/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 1

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/22/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 09/27/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
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: 10/04/2016
Date Data Arrived at EDR: 10/06/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 71

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 10/27/2016
Date Data Arrived at EDR: 10/28/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 74

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
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: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 82

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
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: 12/30/2016
Next Scheduled EDR Contact: 04/10/2017
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: 11/14/2016
Next Scheduled EDR Contact: 02/27/2017
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: 01/23/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 29

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 55

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/03/2017
Next Scheduled EDR Contact: 04/17/2017
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 42

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
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
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/09/2017
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 11/02/2016
Date Made Active in Reports: 01/04/2017
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/12/2017
Next Scheduled EDR Contact: 05/01/2017
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: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
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
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BAYROCK PHG PIEDMONT, LLC
230 MACARTHUR BLVD
OAKLAND, CA 94611

TARGET PROPERTY COORDINATES

Latitude (North):	37.823717 - 37˚ 49’ 25.38’’
Longitude (West):	122.256752 - 122˚ 15’ 24.31’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	565413.2
UTM Y (Meters):	4186311.2
Elevation:	78 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641112 OAKLAND WEST, CA
Version Date:	2012
East Map:	5641110 OAKLAND EAST, 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).

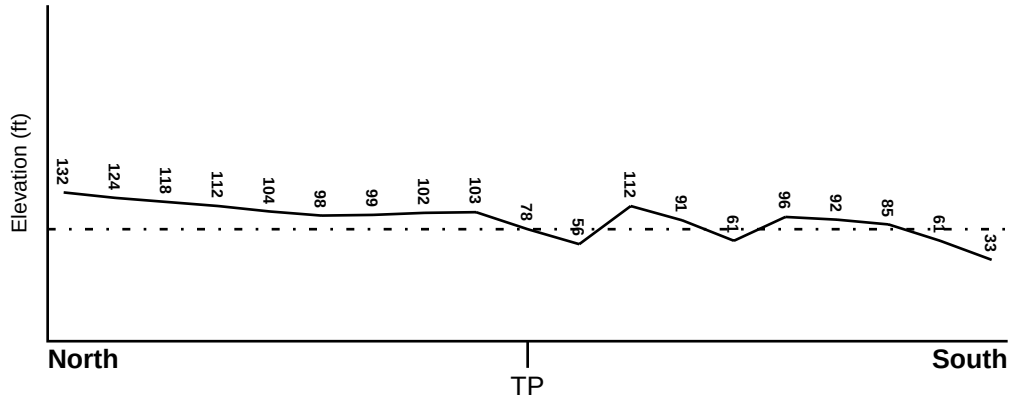
TOPOGRAPHIC INFORMATION

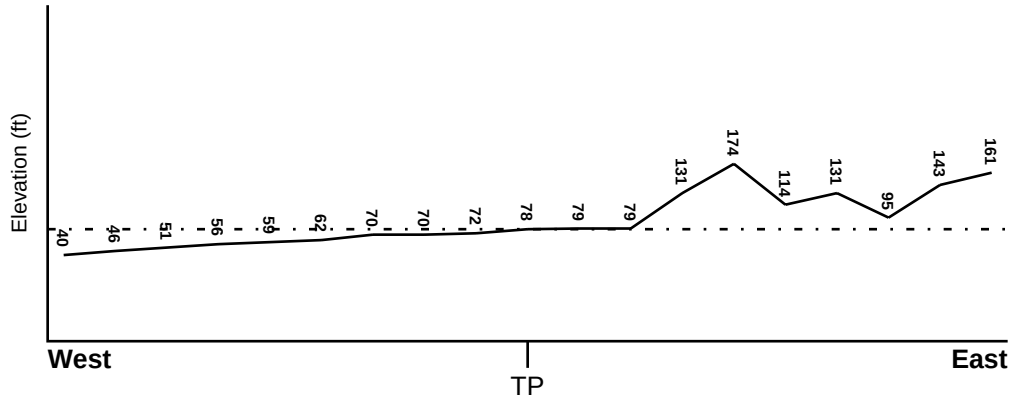
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

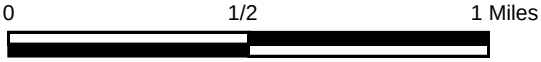
General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 78 ft.



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

Flood Plain Panel at Target Property	FEMA Source Type
06001C0059G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06013C0405F	FEMA FIRM Flood data
06001C0067G	FEMA FIRM Flood data
06001C0086G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
OAKLAND WEST	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	0 - 1/8 Mile West	SW
A2	1/8 - 1/4 Mile NW	NW
A3	1/8 - 1/4 Mile NW	W
4	1/8 - 1/4 Mile NNW	NW
5	1/4 - 1/2 Mile WNW	NE
6	1/4 - 1/2 Mile NE	NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
7	1/4 - 1/2 Mile SSE	Varies
8	1/2 - 1 Mile NE	NE
9	1/2 - 1 Mile West	N
10	1/2 - 1 Mile SW	Varies
11	1/2 - 1 Mile WSW	SW
12	1/2 - 1 Mile NE	NW
13	1/2 - 1 Mile SW	S
14	1/2 - 1 Mile SW	SE
B15	1/2 - 1 Mile WNW	NW
B16	1/2 - 1 Mile WNW	NW
17	1/2 - 1 Mile SW	Not Reported
C18	1/2 - 1 Mile SSW	Varies
D19	1/2 - 1 Mile SSW	SW
C20	1/2 - 1 Mile SSW	N,W,Varies
C21	1/2 - 1 Mile SSW	N
D22	1/2 - 1 Mile SSW	NE
23	1/2 - 1 Mile South	SW
E24	1/2 - 1 Mile SSW	SE
E25	1/2 - 1 Mile SSW	SW
E26	1/2 - 1 Mile SSW	E, W
27	1/2 - 1 Mile NNE	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

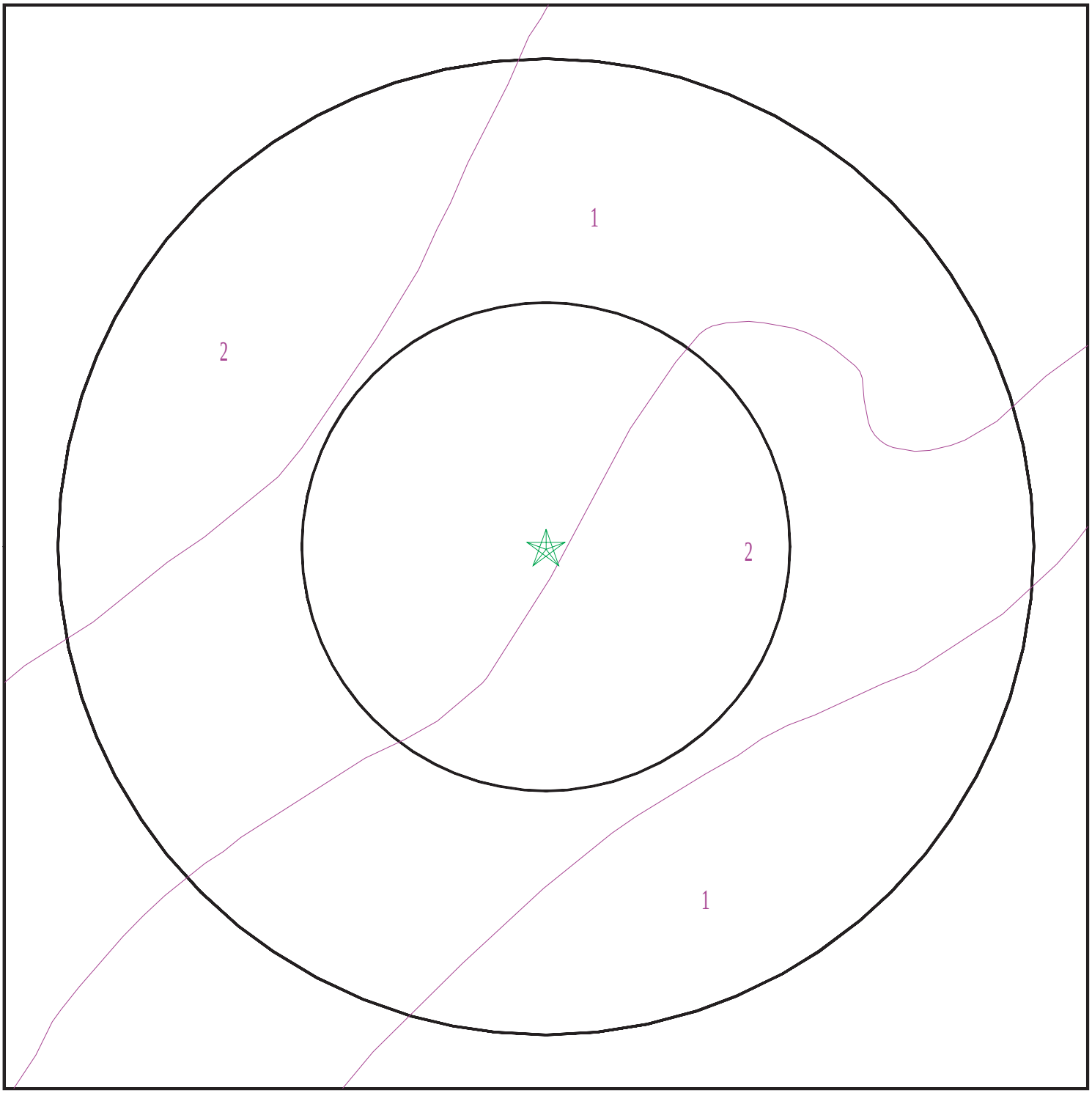
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 4850526.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Bayrock PHG Piedmont, LLC	CLIENT:	Cardno ERI
ADDRESS:	230 Macarthur Blvd Oakland CA 94611	CONTACT:	Robert Serrato
		INQUIRY #:	4850526.2s
LAT/LONG:	37.823717 / 122.256752	DATE:	February 10, 2017 9:34 am

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: Tierra

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately 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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	11 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 7.3 Min: 5.6
3	31 inches	59 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

Soil Map ID: 2

Soil Component Name:	Urban land
Soil Surface Texture:	loam
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

No Layer Information available.

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

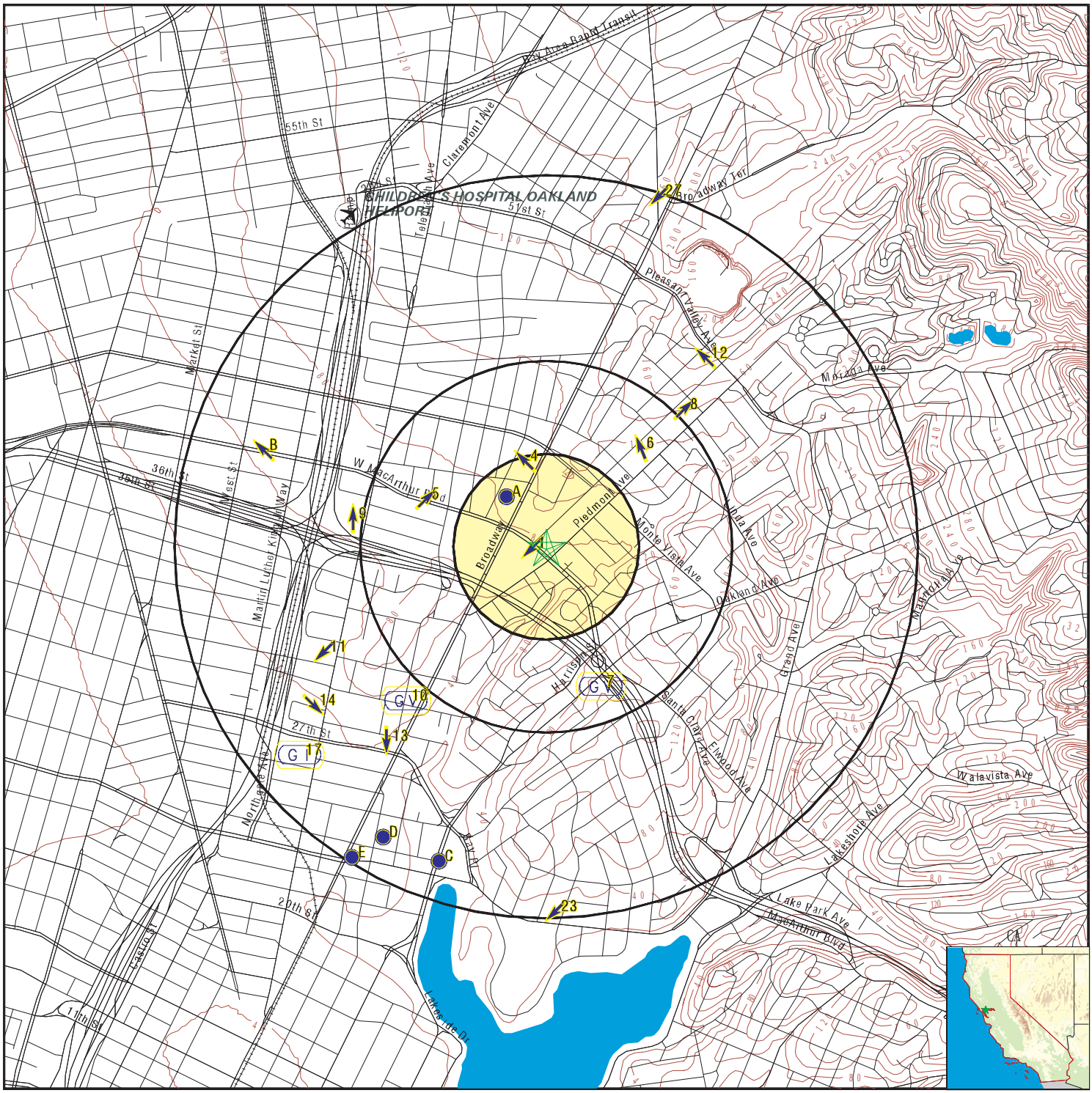
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4850526.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Bayrock PHG Piedmont, LLC	CLIENT:	Cardno ERI
ADDRESS:	230 Macarthur Blvd Oakland CA 94611	CONTACT:	Robert Serrato
		INQUIRY #:	4850526.2s
LAT/LONG:	37.823717 / 122.256752	DATE:	February 10, 2017 9:34 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **West** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1345 SW 13.82 14.30 Not Reported 01/19/1995	**AQUIFLOW**	**63931**
A2 **NW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0638 NW Not Reported Not Reported 21 11/17/1988	**AQUIFLOW**	**63720**
A3 **NW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2279 W Not Reported Not Reported 20 09/29/1997	**AQUIFLOW**	**63727**
4 **NNW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1596 NW Not Reported Not Reported 15 09/06/1995	**AQUIFLOW**	**63753**
5 **WNW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1597 NE Not Reported Not Reported 15 08/05/1995	**AQUIFLOW**	**63784**
6 **NE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1690 NNW Not Reported Not Reported 18 10/11/1994	**AQUIFLOW**	**63786**
7 **SSE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1618 Varies Not Reported Not Reported 80 ft 11/26/1997	**AQUIFLOW**	**66613**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
8 **NE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0872 NE 11 21 Not Reported 10/06/1986	**AQUIFLOW**	**67897**
9 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0264 N Not Reported Not Reported 8 04/25/1996	**AQUIFLOW**	**63712**
10 **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0575 Varies 10.40 14.49 Not Reported 08/20/1992	**AQUIFLOW**	**64091**
11 **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0886 SW 8.67 14.02 Not Reported 04/07/1997	**AQUIFLOW**	**63803**
12 **NE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2150 NW Not Reported Not Reported 5 08/21/1992	**AQUIFLOW**	**67891**
13 **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0241 S Not Reported Not Reported 7.9 11/28/1988	**AQUIFLOW**	**63622**
14 **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1349 SE 9.00 10.39 Not Reported 10/11/1988	**AQUIFLOW**	**63626**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
B15 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0118 NW Not Reported Not Reported 8-11 09/16/1991	**AQUIFLOW**	**51860**
B16 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0118 NW Not Reported Not Reported 18 bg 07/22/1994	**AQUIFLOW**	**51861**
17 **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1313 Not Reported Not Reported Not Reported 25-30 02/22/1999	**AQUIFLOW**	**64106**
C18 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1846 Varies Not Reported Not Reported 20 08/11/1993	**AQUIFLOW**	**63897**
D19 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1469 SW Not Reported Not Reported 16-18 12/01/1988	**AQUIFLOW**	**67866**
C20 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0341 N,W,Varies Not Reported Not Reported 20 09/14/1989	**AQUIFLOW**	**55836**
C21 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0341 N Not Reported Not Reported Not Reported 08/17/1988	**AQUIFLOW**	**55837**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
D22 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3663 NE Not Reported Not Reported 12 01/29/1988	**AQUIFLOW**	**63934**
23 **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1360 SW Not Reported Not Reported 5 11/17/1994	**AQUIFLOW**	**63687**
E24 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0875 SE Not Reported Not Reported Not Reported 11/09/1988	**AQUIFLOW**	**55889**
E25 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0875 SW Not Reported Not Reported 13 02/15/1989	**AQUIFLOW**	**55890**
E26 **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0875 E, W Not Reported Not Reported Not Reported 10/07/1992	**AQUIFLOW**	**55891**
27 **NNE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1606 SW 2.5 3.5 Not Reported 01/07/1987	**AQUIFLOW**	**67905**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94611	66	3

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94611

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.550 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & 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

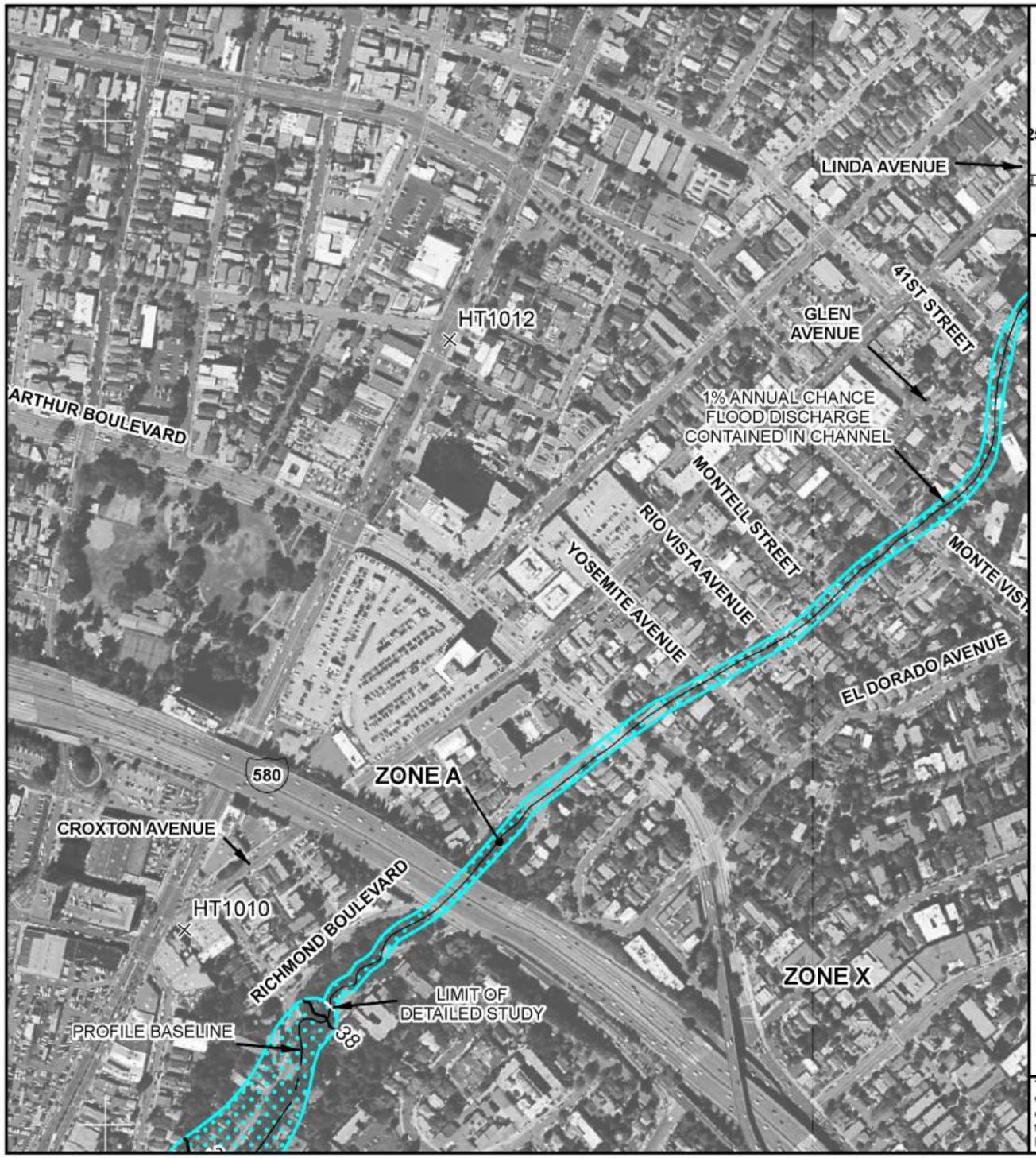
Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

APPENDIX G
OTHER SUPPORTING DOCUMENTATION

Cardno
Shaping the Future



MAP SCALE 1" = 500'

250 0 500 1000 FEET

METER

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0059G

FIRM

FLOOD INSURANCE RATE MAP

ALAMEDA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

PANEL 59 OF 725

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EMERYVILLE, CITY OF	060005	0059	G
OAKLAND, CITY OF	065048	0059	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06001C0059G

EFFECTIVE DATE
AUGUST 3, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

U.S. Fish and Wildlife Service

National Wetlands Inventory

230 & 240 W MacArthur Blvd

February 17, 2017

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

APPENDIX H
AERIAL PHOTOGRAPHS

Cardno
Shaping the Future

Bayrock PHG Piedmont, LLC

230 Macarthur Blvd

Oakland, CA 94611

Inquiry Number: 4850526.9

February 09, 2017

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

02/09/17

Site Name:

Bayrock PHG Piedmont, LLC
230 Macarthur Blvd
Oakland, CA 94611
EDR Inquiry # 4850526.9

Client Name:

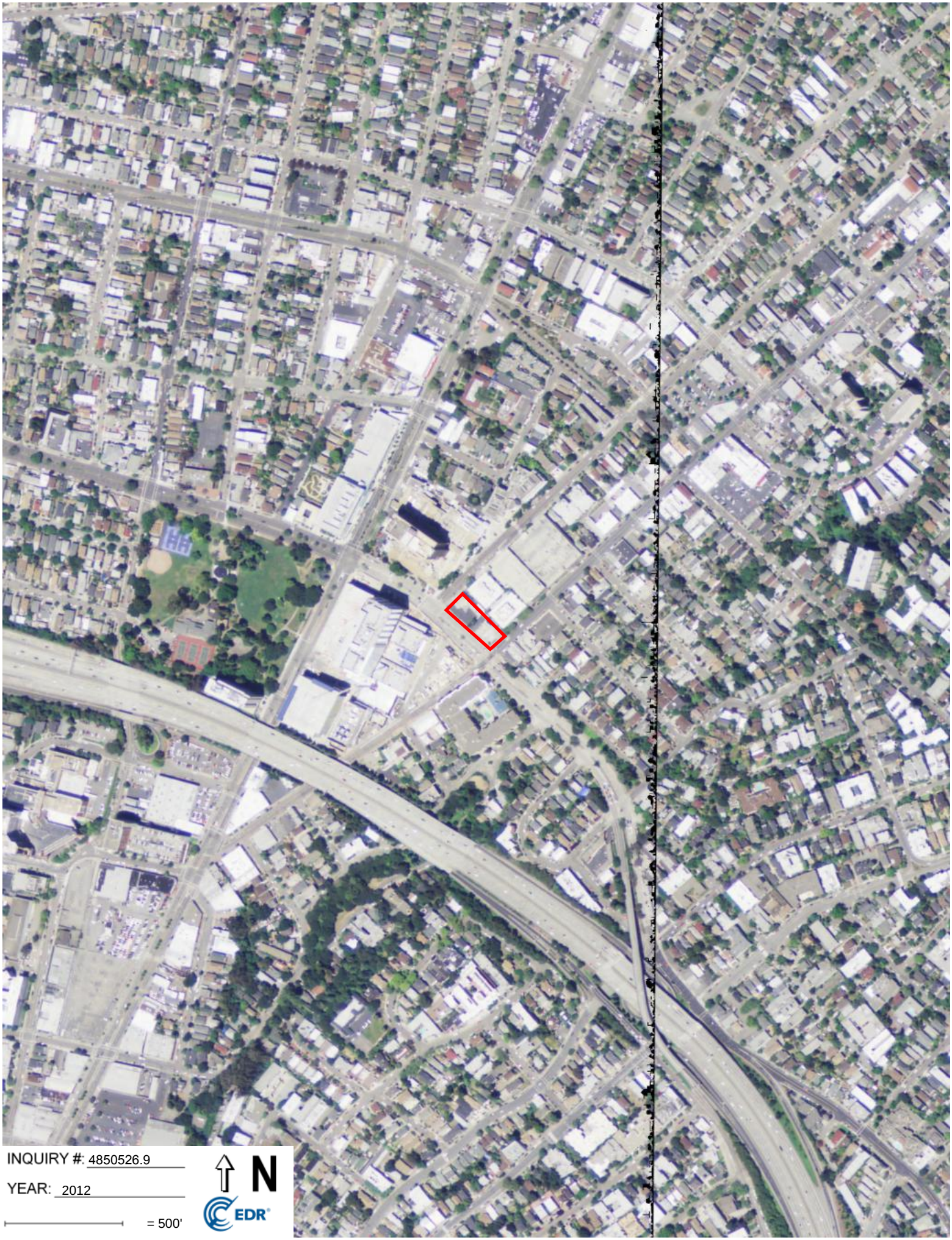
Cardno ERI
4572 Telephone Road
Ventura, CA 93033
Contact: Robert Serrato

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
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
1998	1"=500'	Flight Date: August 27, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 08, 1982	USDA
1974	1"=500'	Flight Date: October 14, 1974	USGS
1968	1"=500'	Flight Date: April 20, 1968	USGS
1963	1"=500'	Flight Date: July 08, 1963	USGS
1958	1"=500'	Flight Date: July 25, 1958	USGS
1946	1"=500'	Flight Date: October 28, 1946	USGS
1939	1"=500'	Flight Date: August 02, 1939	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.



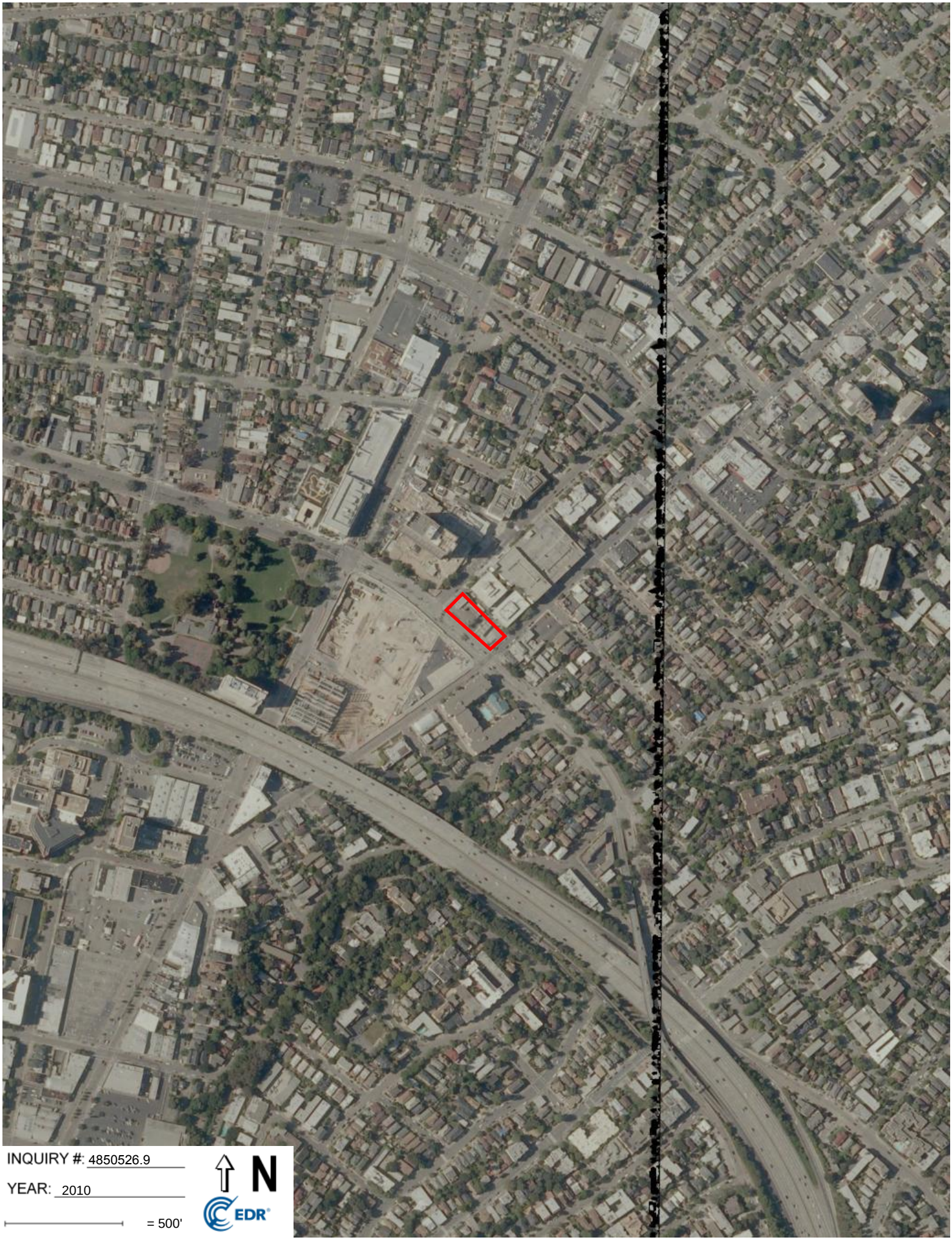
INQUIRY #: 4850526.9

YEAR: 2012

= 500'

N

EDR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YEAR: 2010
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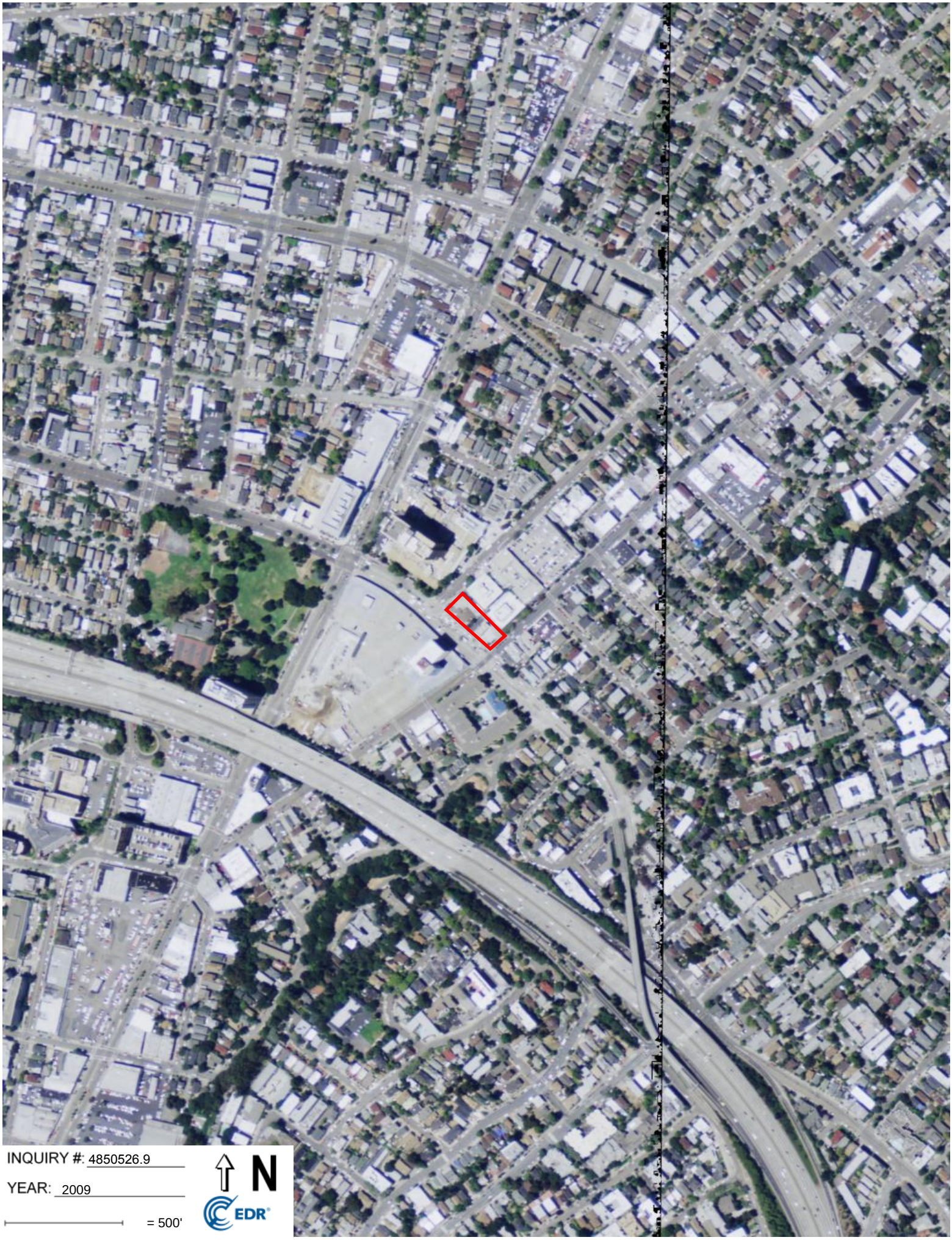
EDR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YEAR: 2009
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EDR


INQUIRY #: 4850526.9
YEAR: 2005
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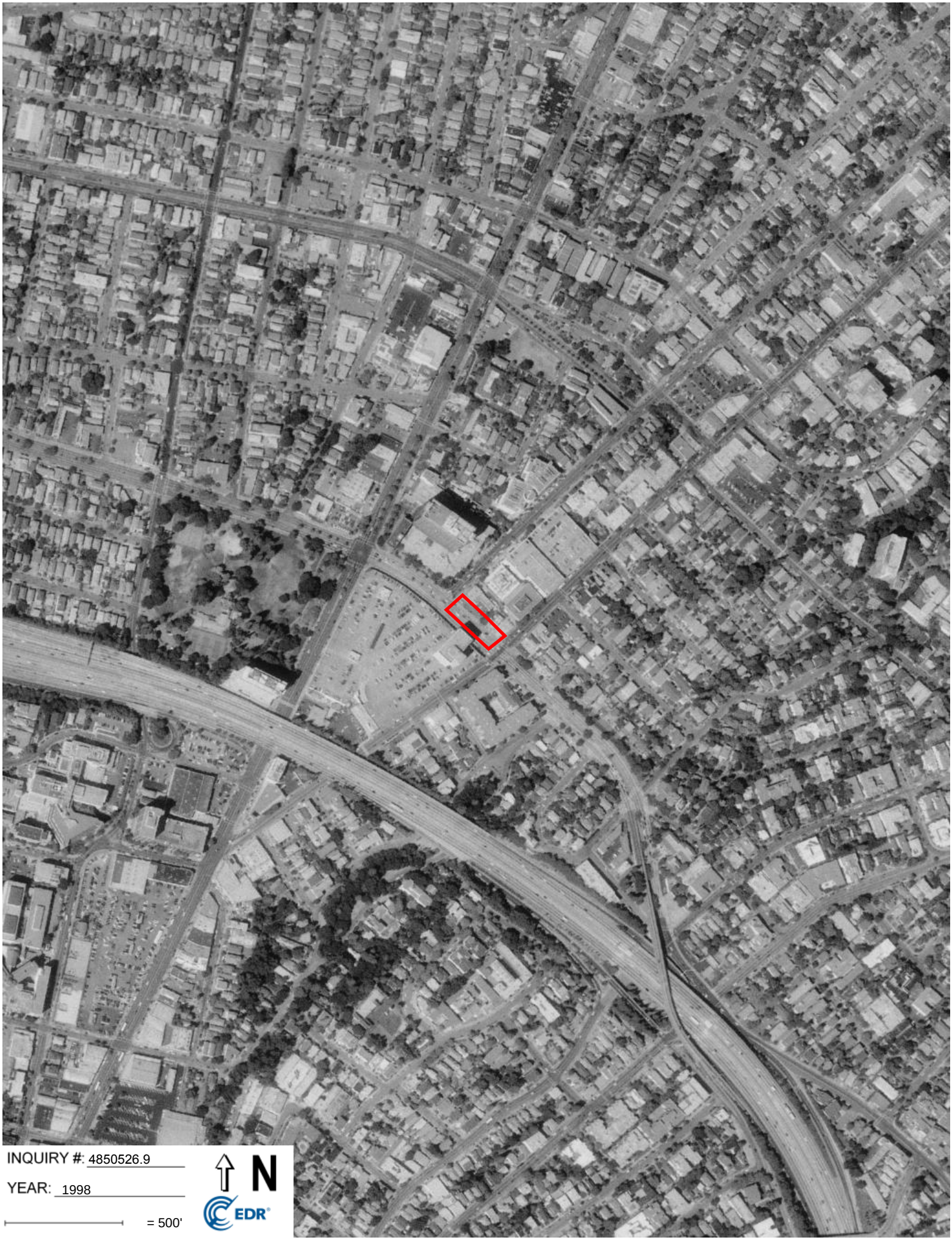
EDR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YEAR: 1998
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N
EDR

INQUIRY #: 4850526.9

YEAR: 1993

= 500'

N

EDR


INQUIRY #: 4850526.9
YEAR: 1982
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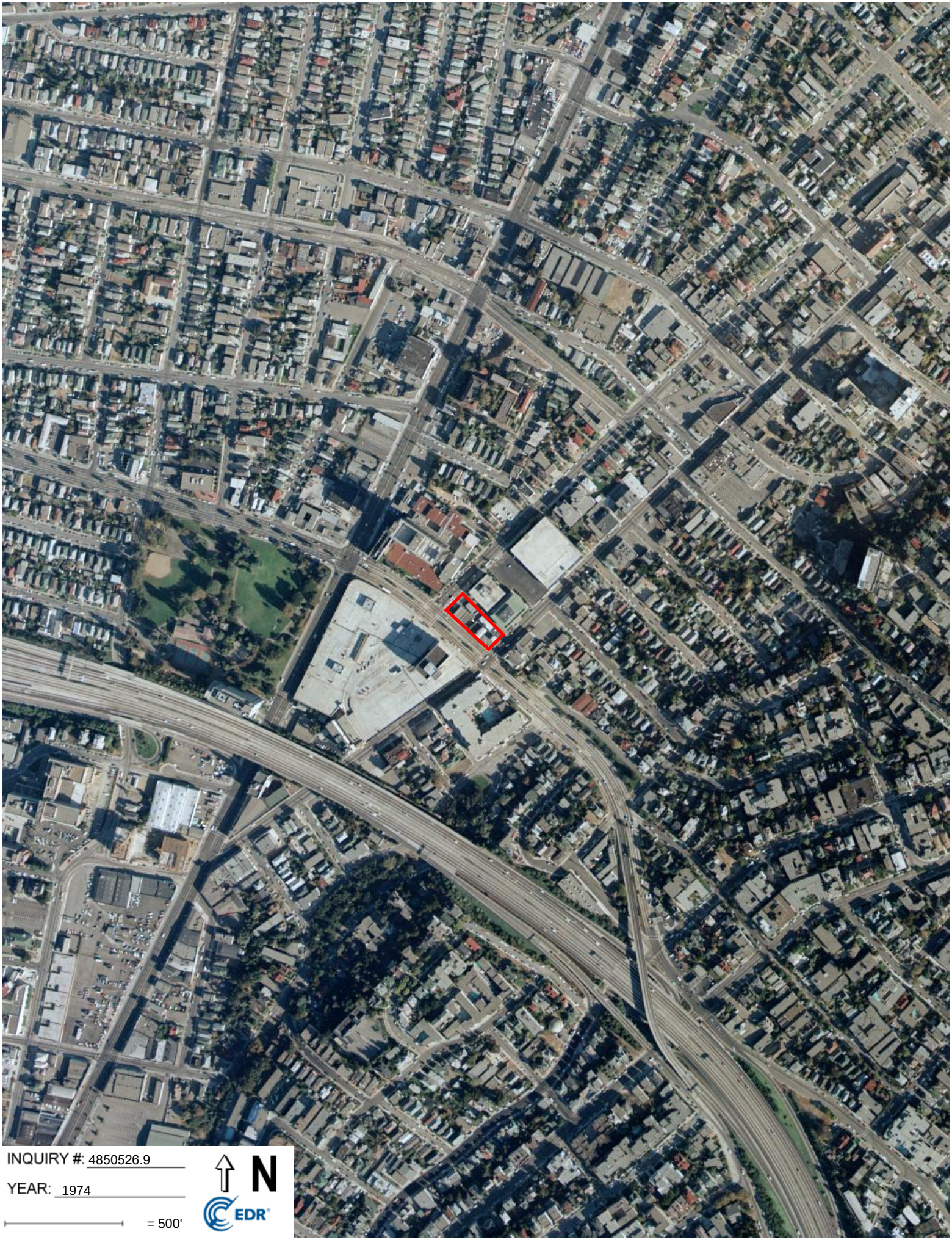
EDR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YEAR: 1974
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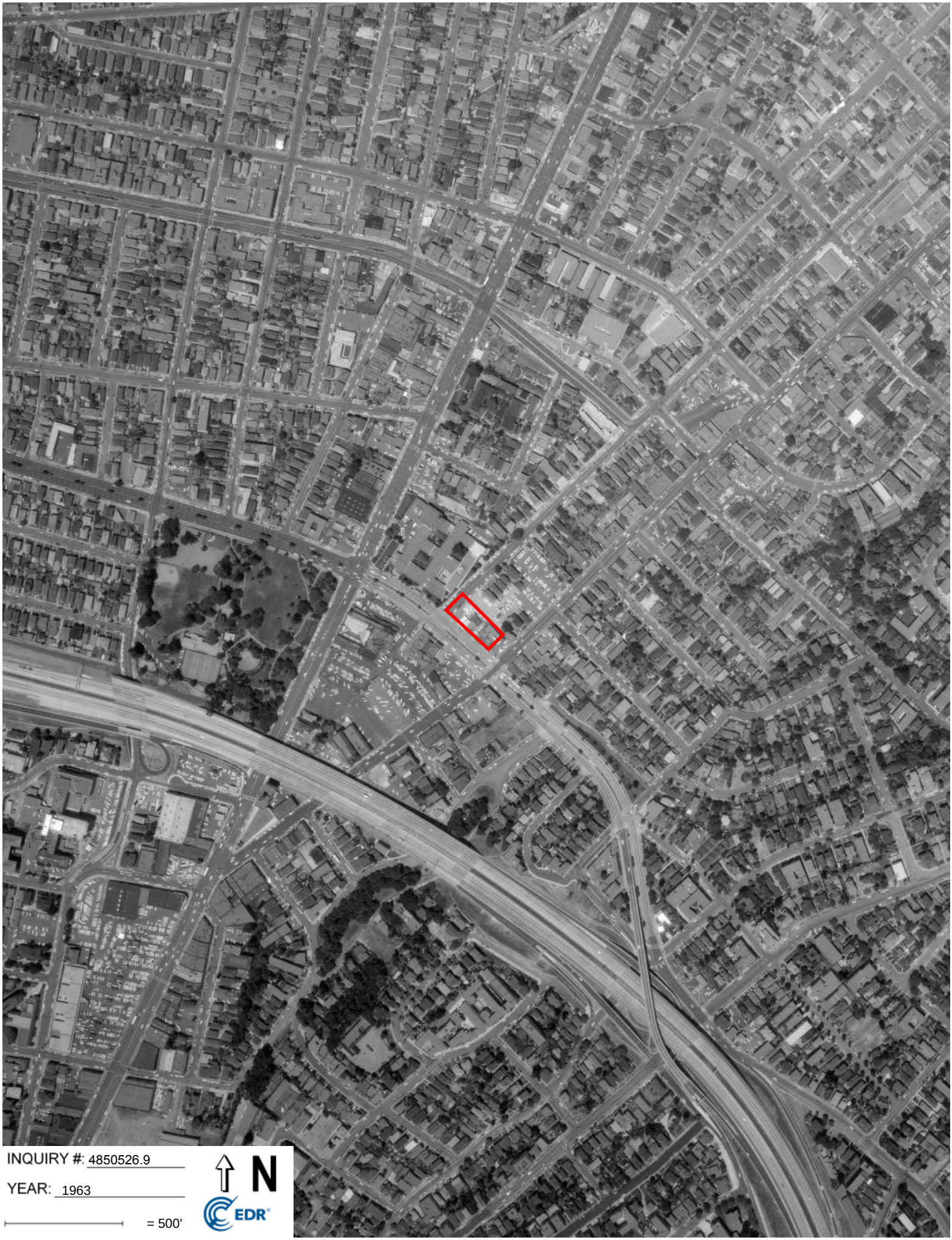
EDR


INQUIRY #: 4850526.9
YEAR: 1968
= 500'
N
EDR



INQUIRY #: 4850526.9

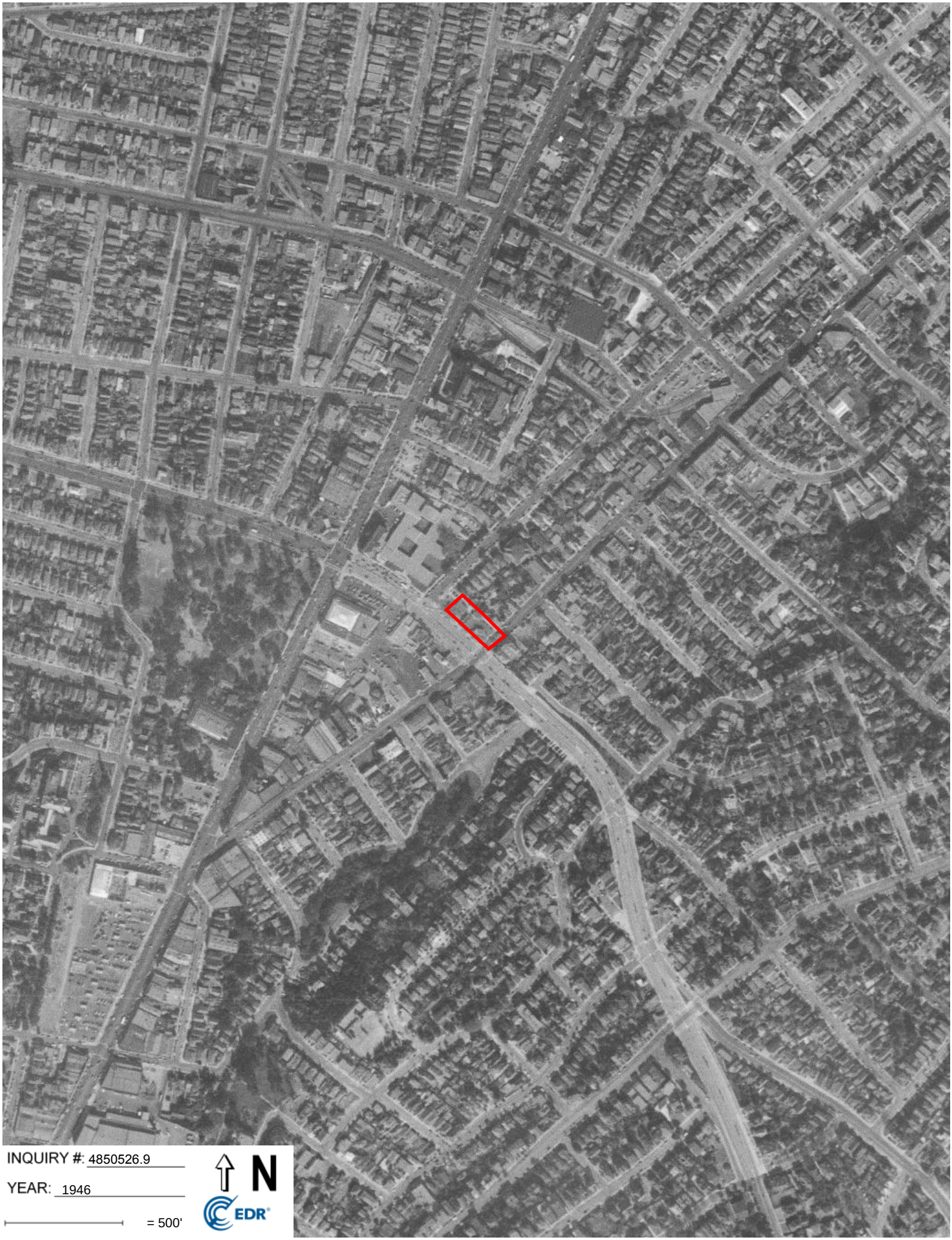
YEAR: 1963

= 500'

N

EDR


INQUIRY #: 4850526.9
YEAR: 1958
= 500'
N
EDR



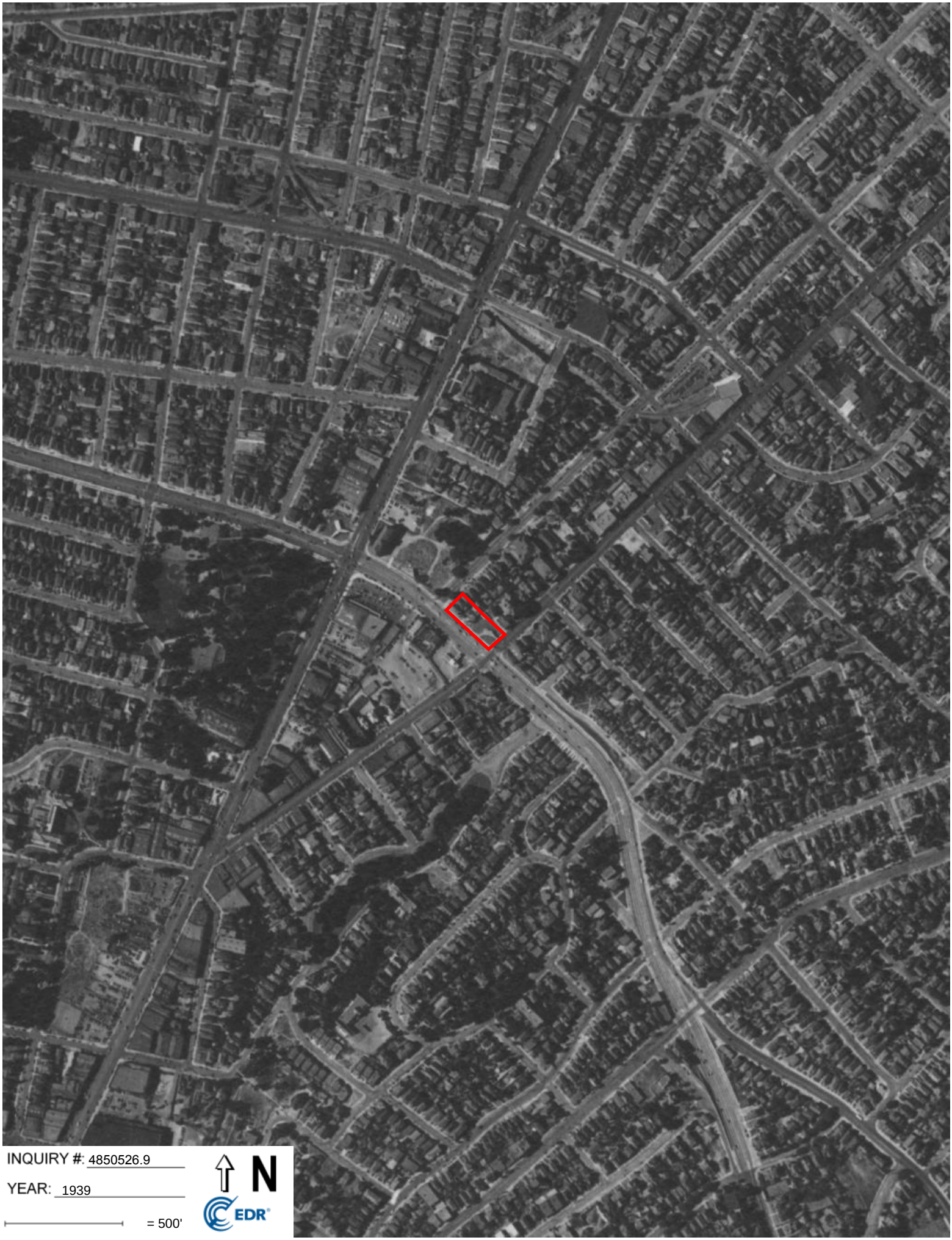
INQUIRY #: 4850526.9

YEAR: 1946

= 500'

N

EDR


INQUIRY #: 4850526.9
YEAR: 1939
= 500'
N
EDR

APPENDIX I

HISTORICAL RESEARCH DOCUMENTATION

Cardno®
Shaping the Future

Bayrock PHG Piedmont, LLC

230 Macarthur Blvd

Oakland, CA 94611

Inquiry Number: 4850526.3

February 09, 2017

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

02/09/17

Site Name:	Client Name:
Bayrock PHG Piedmont, LLC	Cardno ERI
230 Macarthur Blvd	4572 Telephone Road
Oakland, CA 94611	Ventura, CA 93033
EDR Inquiry # 4850526.3	Contact: Robert Serrato

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Cardno ERI were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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 # B5E8-4CE9-B561

PO # E317100700

Project Bayrock PHG Piedmont, LLC

Maps Provided:

1970	1954
1969	1952
1968	1951
1967	1950
1966	1929
1962	1912
1960	1911
1959	1903

Sanborn® Library search results

Certification #: B5E8-4CE9-B561

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1970 Source Sheets

Volume 1A, Sheet 47a
1970

1969 Source Sheets

Volume 8, Sheet 811
1969

Volume 3A, Sheet 345a
1969

1968 Source Sheets

Volume 8, Sheet 811
1968

1967 Source Sheets

Volume 3A, Sheet 345a
1967

Volume 1A, Sheet 47a
1967

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1966 Source Sheets

Volume 3A, Sheet 345a
1966

1962 Source Sheets

Volume 1A, Sheet 47a
1962

1960 Source Sheets

Volume 3A, Sheet 345a
1960

1959 Source Sheets

Volume 3A, Sheet 345a
1959

Volume 8, Sheet 811
1959

Volume 1A, Sheet 47a
1959

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1954 Source Sheets

Volume 1A, Sheet 47a
1954

1952 Source Sheets

Volume 8, Sheet 811
1952

Volume 1A, Sheet 47a
1952

Volume 3A, Sheet 345a
1952

1951 Source Sheets

Volume 3, Sheet 357
1951

1950 Source Sheets

Volume 2, Sheet 125
1950

Volume 8, Sheet 811
1950

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1929 Source Sheets

Volume 8, Sheet 811
1929

1912 Source Sheets

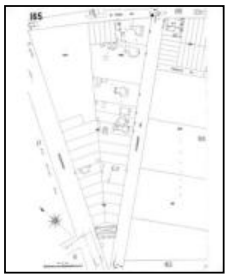
Volume 4, Sheet 401
1912

1911 Source Sheets

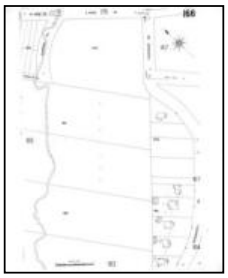
Volume 3, Sheet 357
1911

Volume 2, Sheet 125
1911

1903 Source Sheets

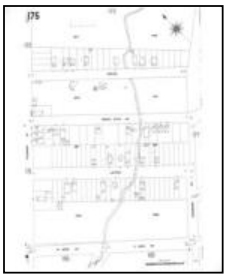


Volume 2, Sheet 165
1903



Volume 2, Sheet 166
1903

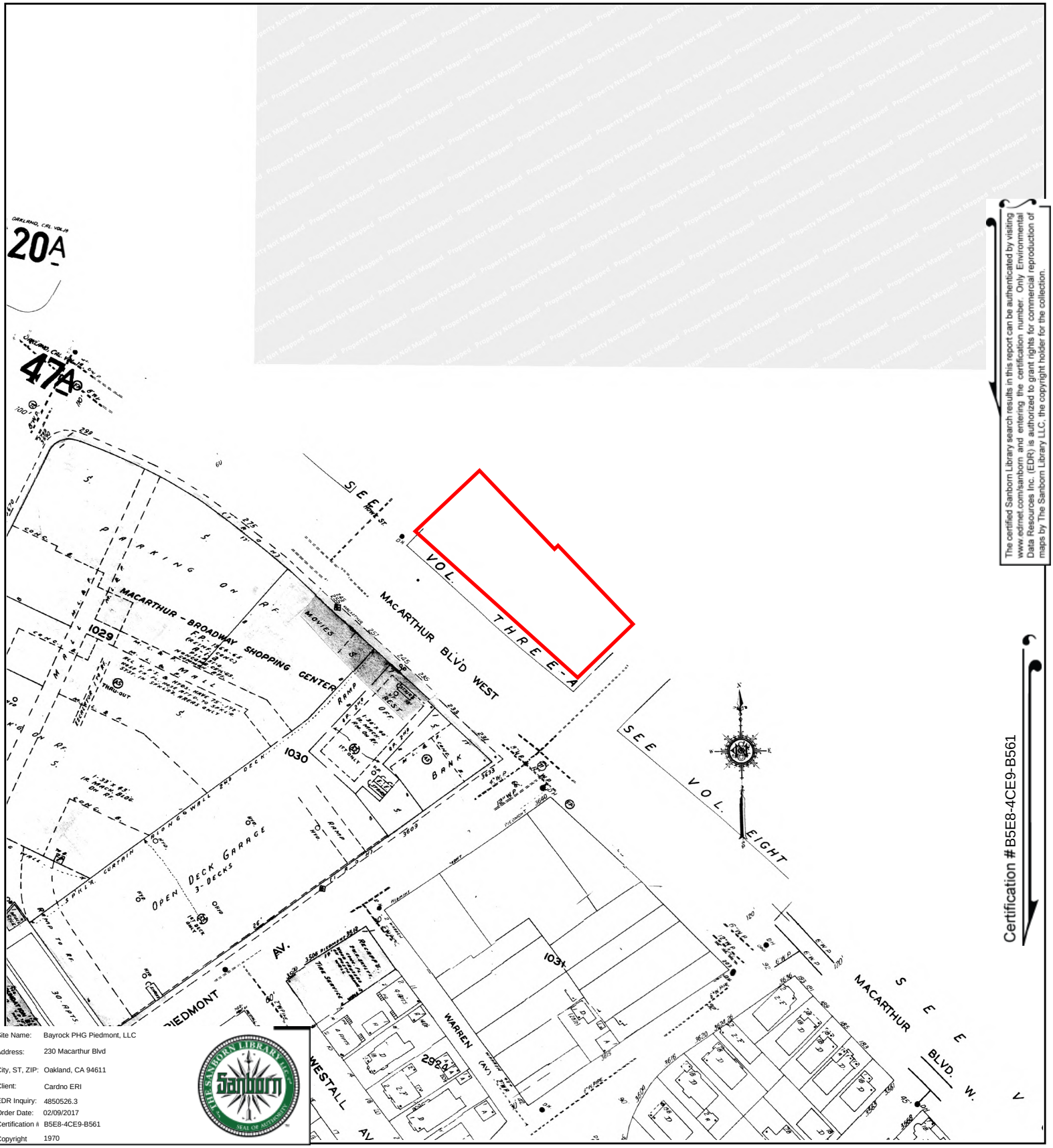
Volume 2, Sheet 171
1903



Volume 2, Sheet 175
1903

Certified Sanborn® Map

1970



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Site Name:	Bayrock PHG Piedmont, LLC
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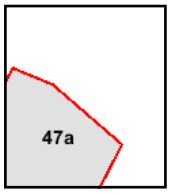
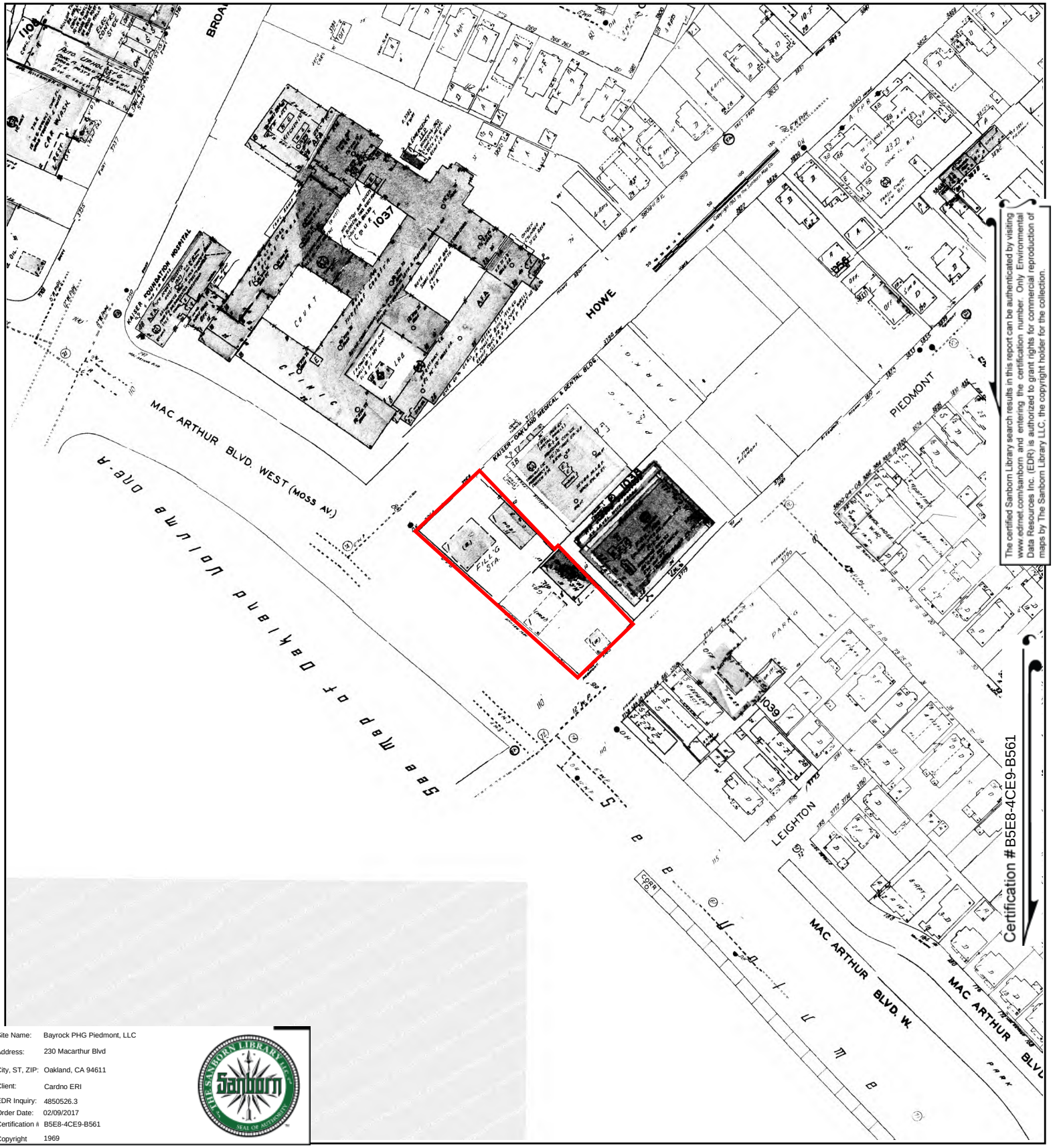


Volume 1A, Sheet 47a

N

Certified Sanborn® Map

1969



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City, ST, ZIP:	Oakland, CA 94611
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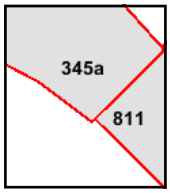
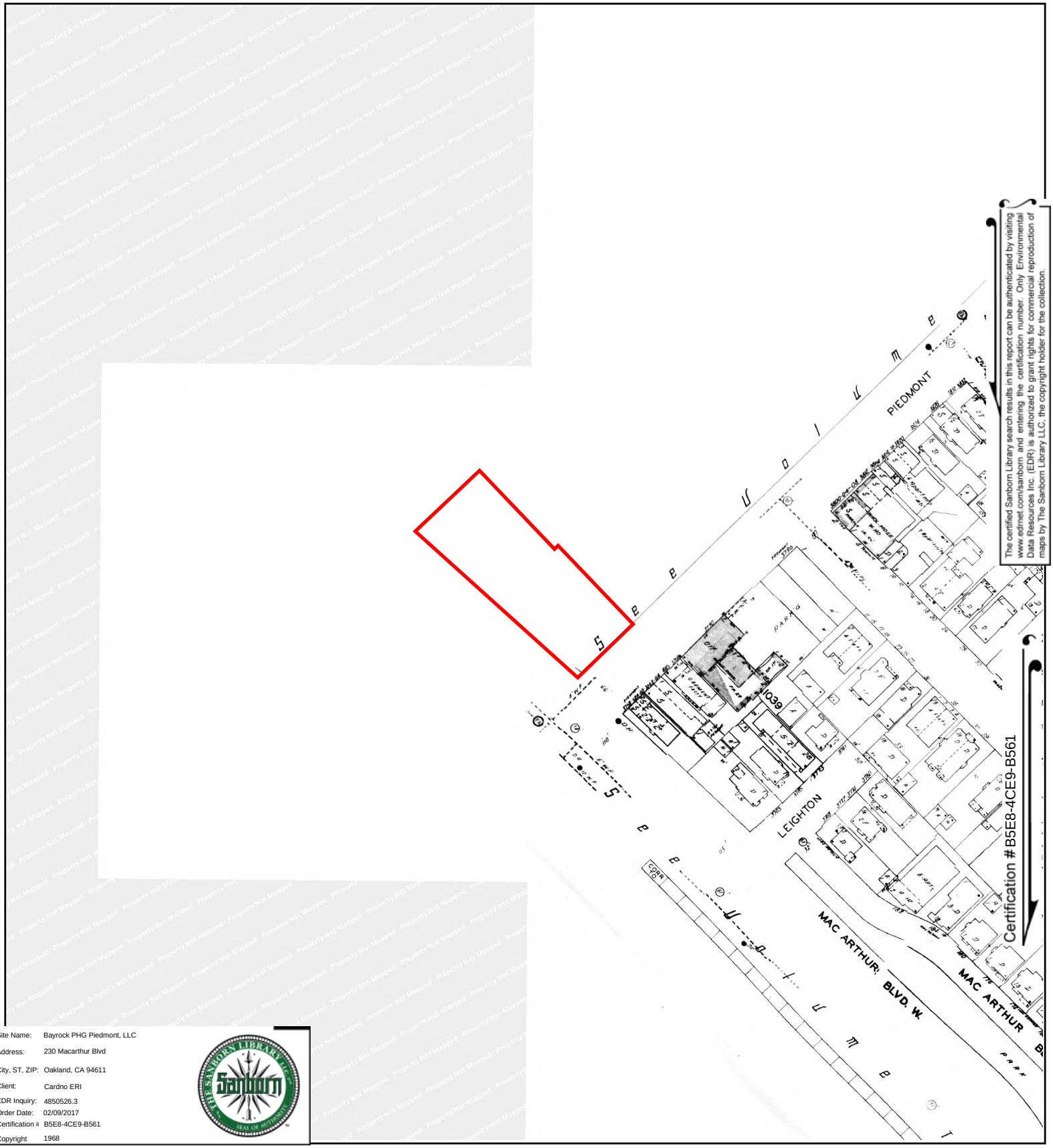


Volume 3A, Sheet 345a
Volume 8, Sheet 811

N

Certified Sanborn® Map

1968



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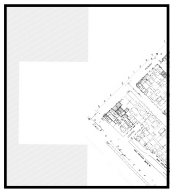

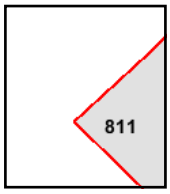

Volume 8, Sheet 811

N

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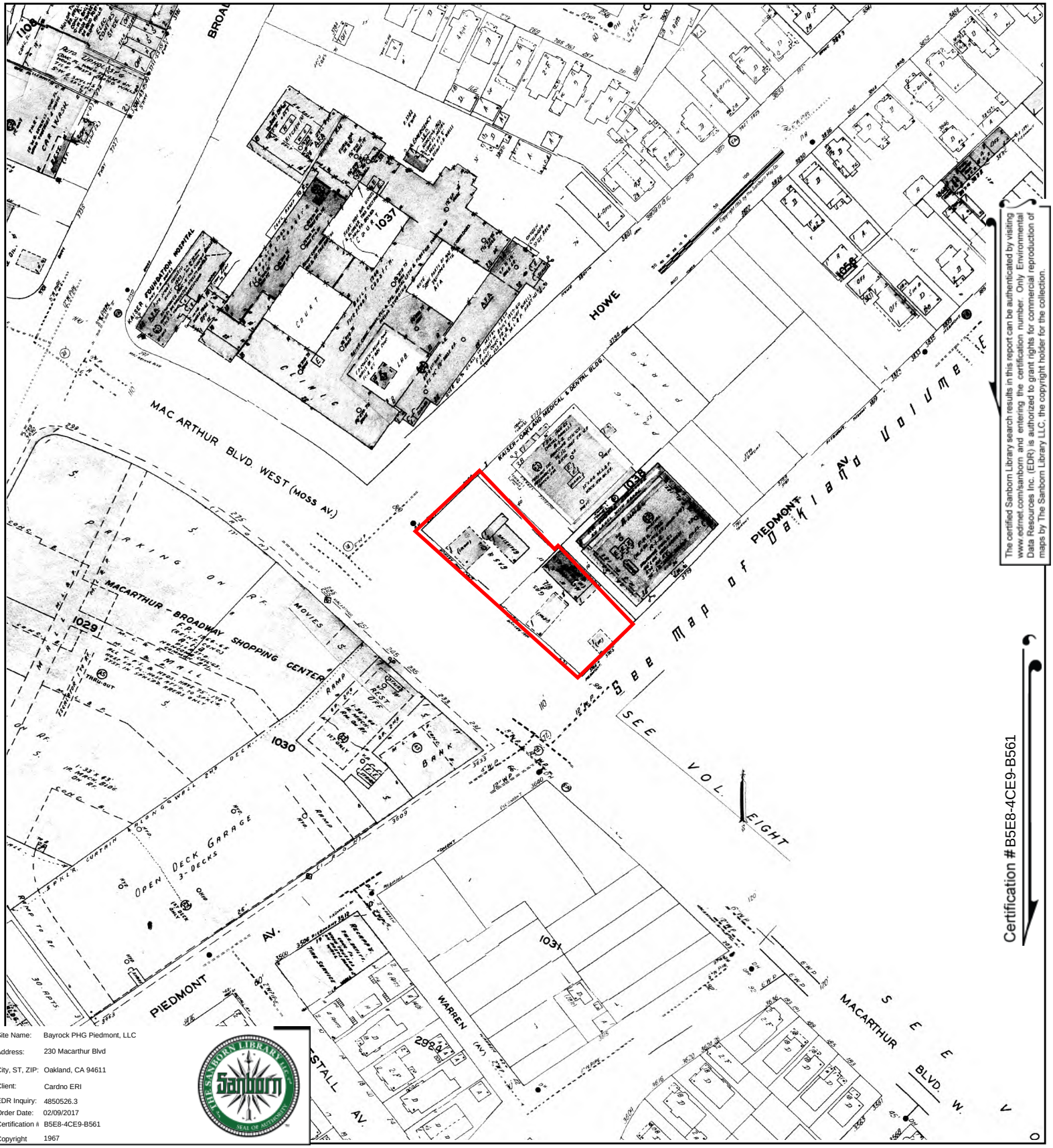
1967



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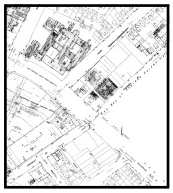

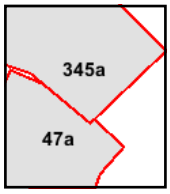

Volume 1A, Sheet 47a
Volume 3A, Sheet 345a

N

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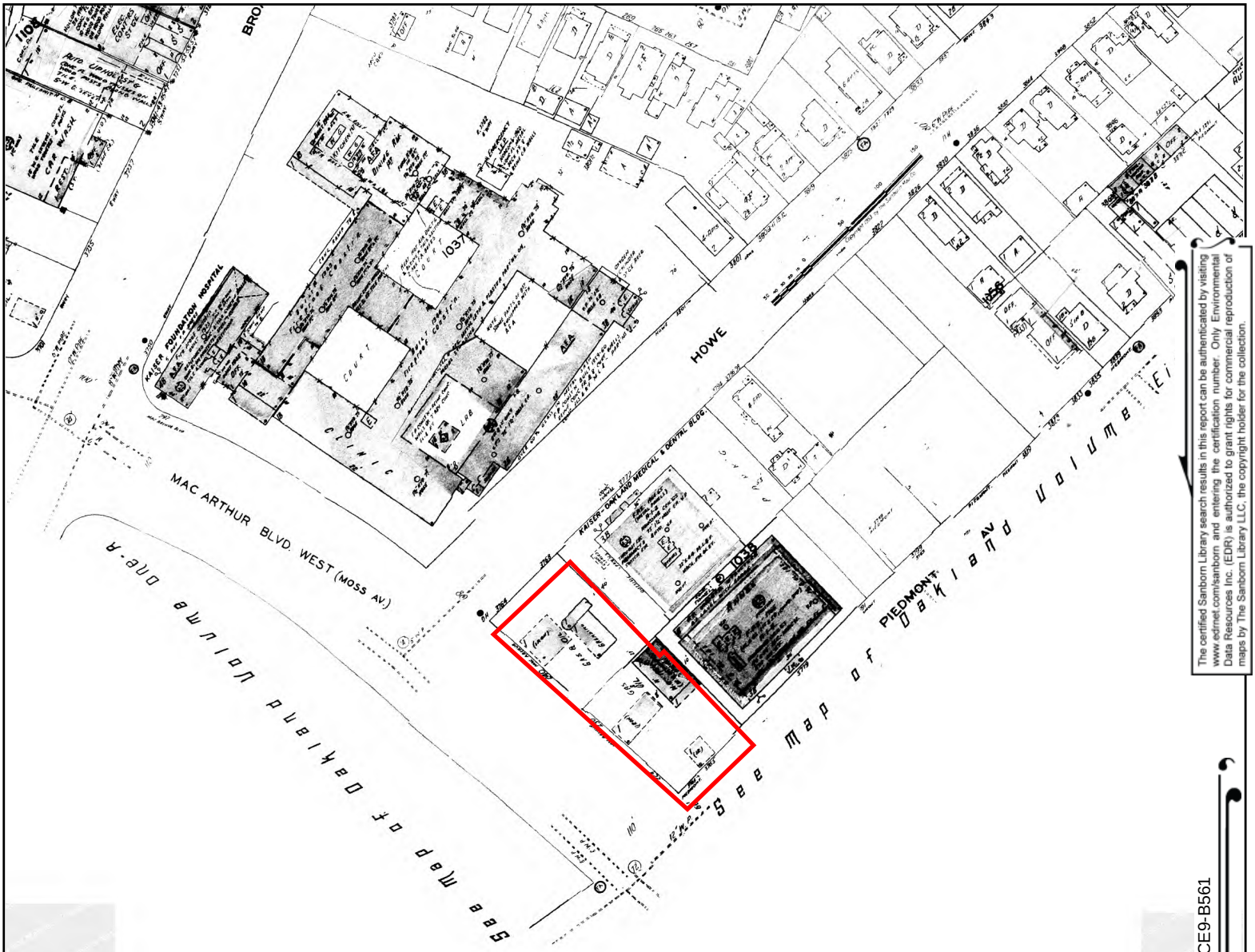
1966



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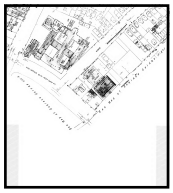

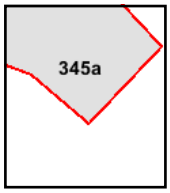

Volume 3A, Sheet 345a

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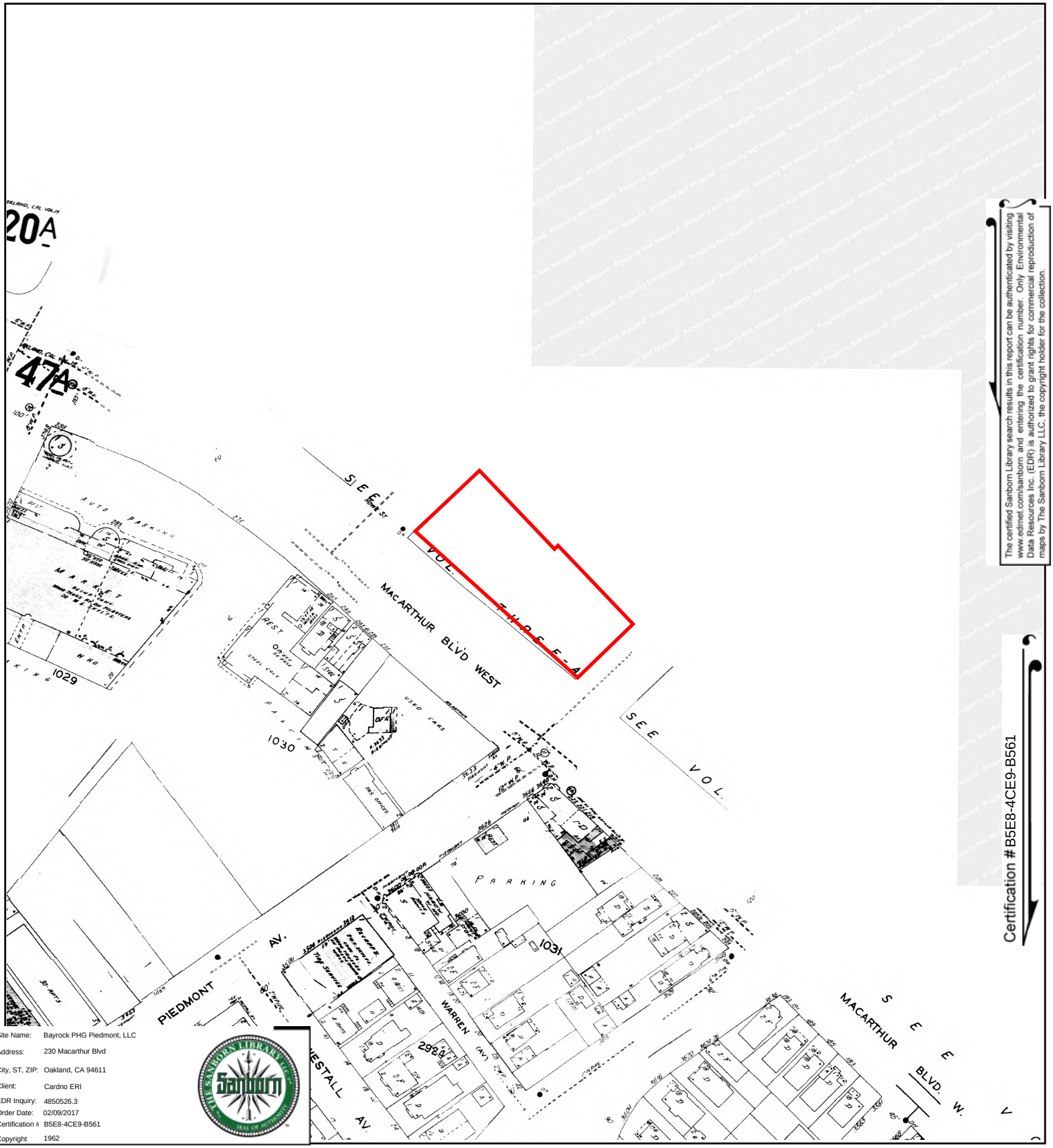

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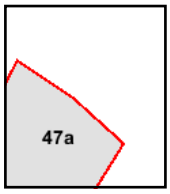

Volume 1A, Sheet 47a

N

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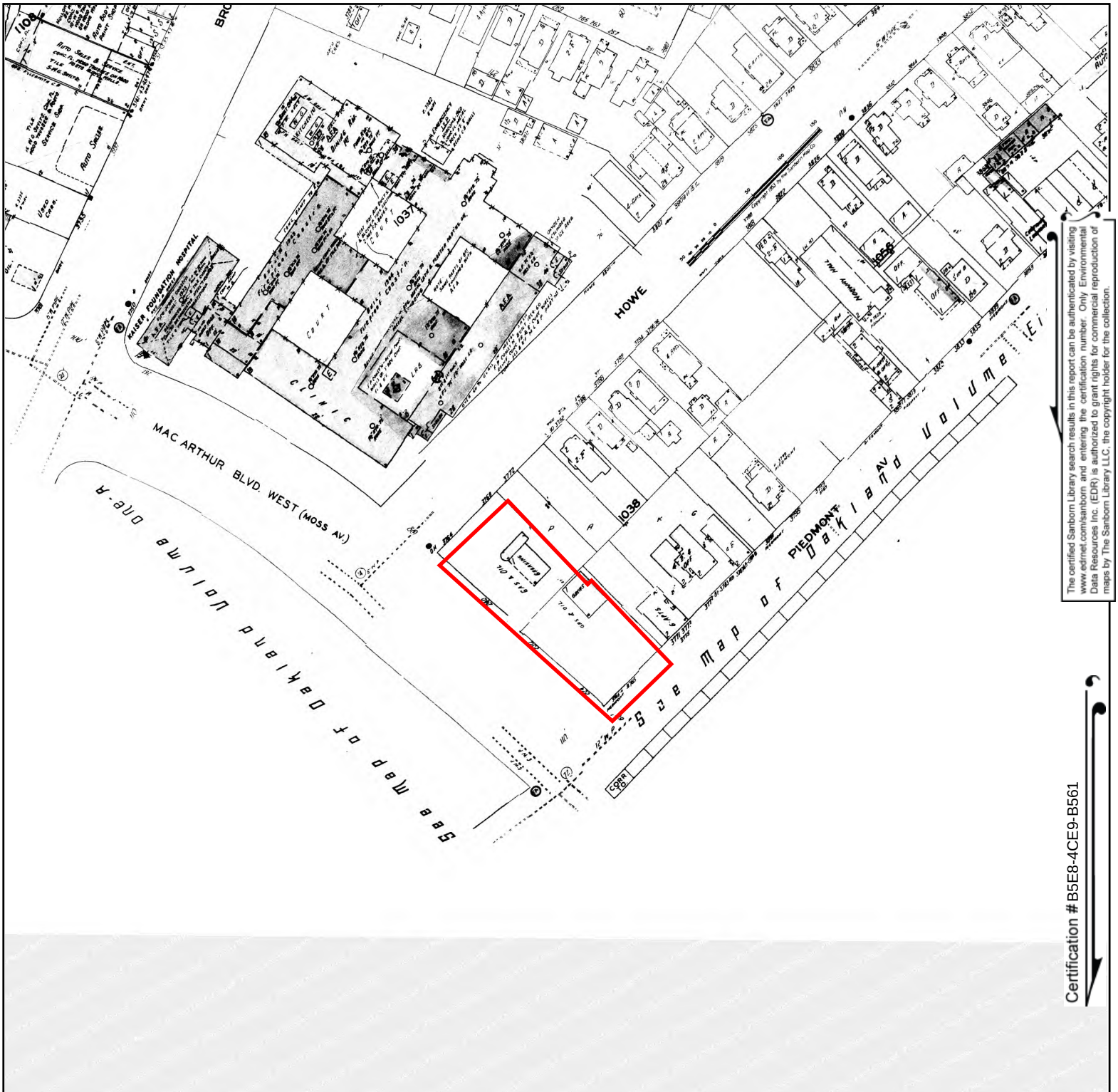
1960



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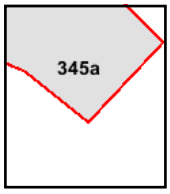

Volume 3A, Sheet 345a

N

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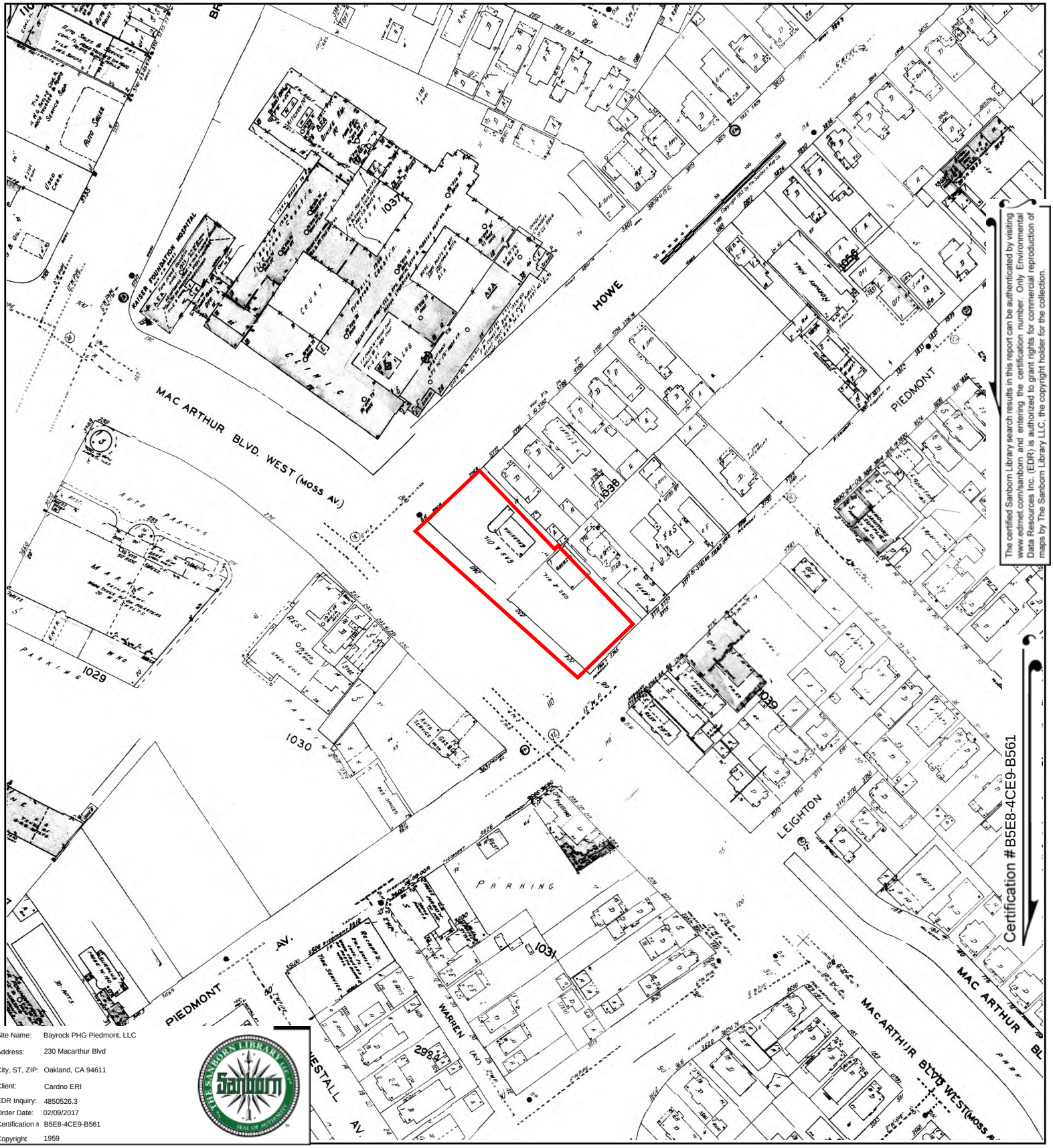
1959



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Copyright	1959

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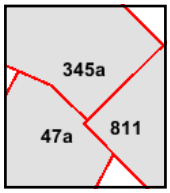

Volume 1A, Sheet 47a
Volume 8, Sheet 811
Volume 3A, Sheet 345a

N

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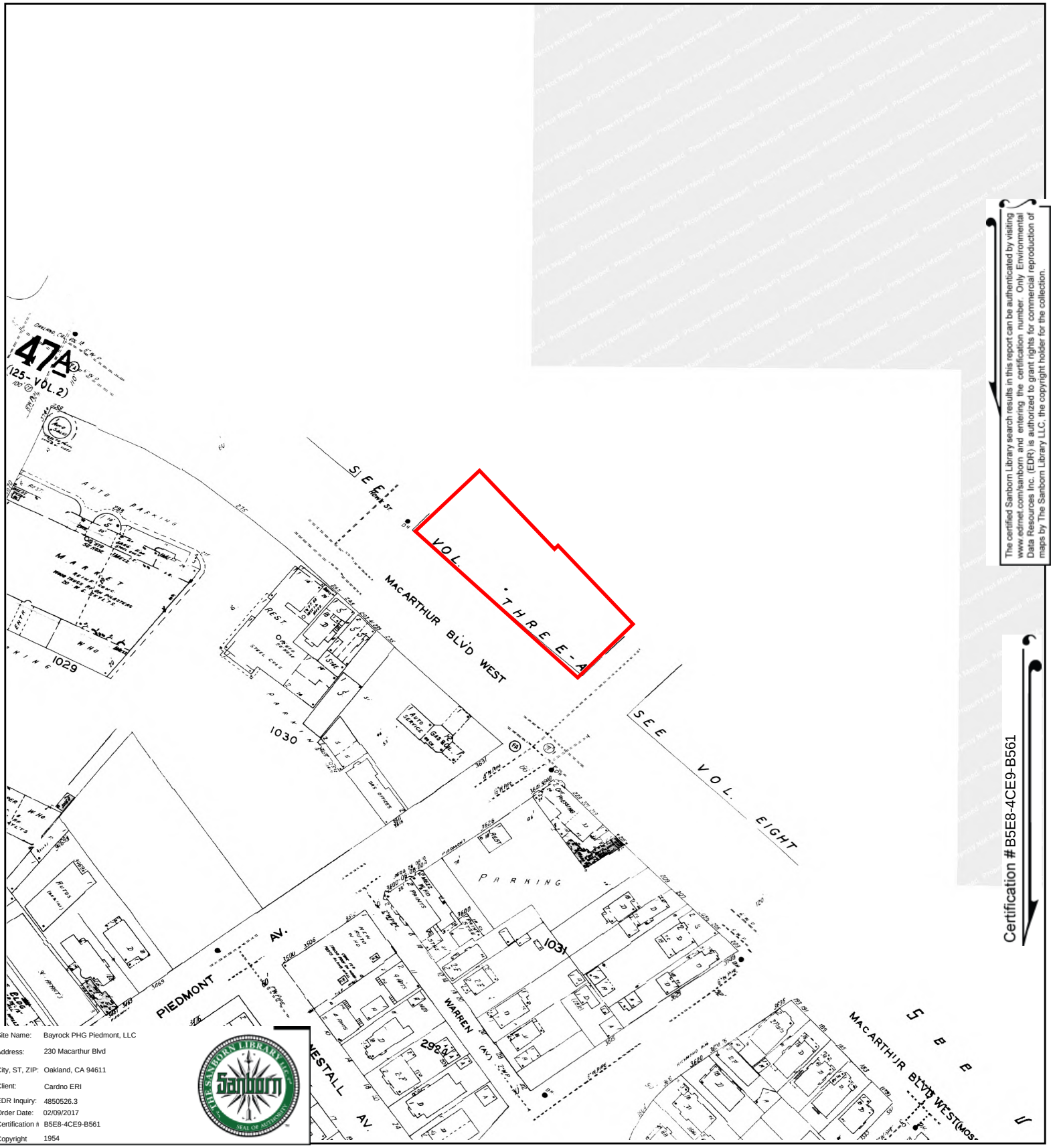
1954



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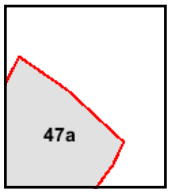

Volume 1A, Sheet 47a

N

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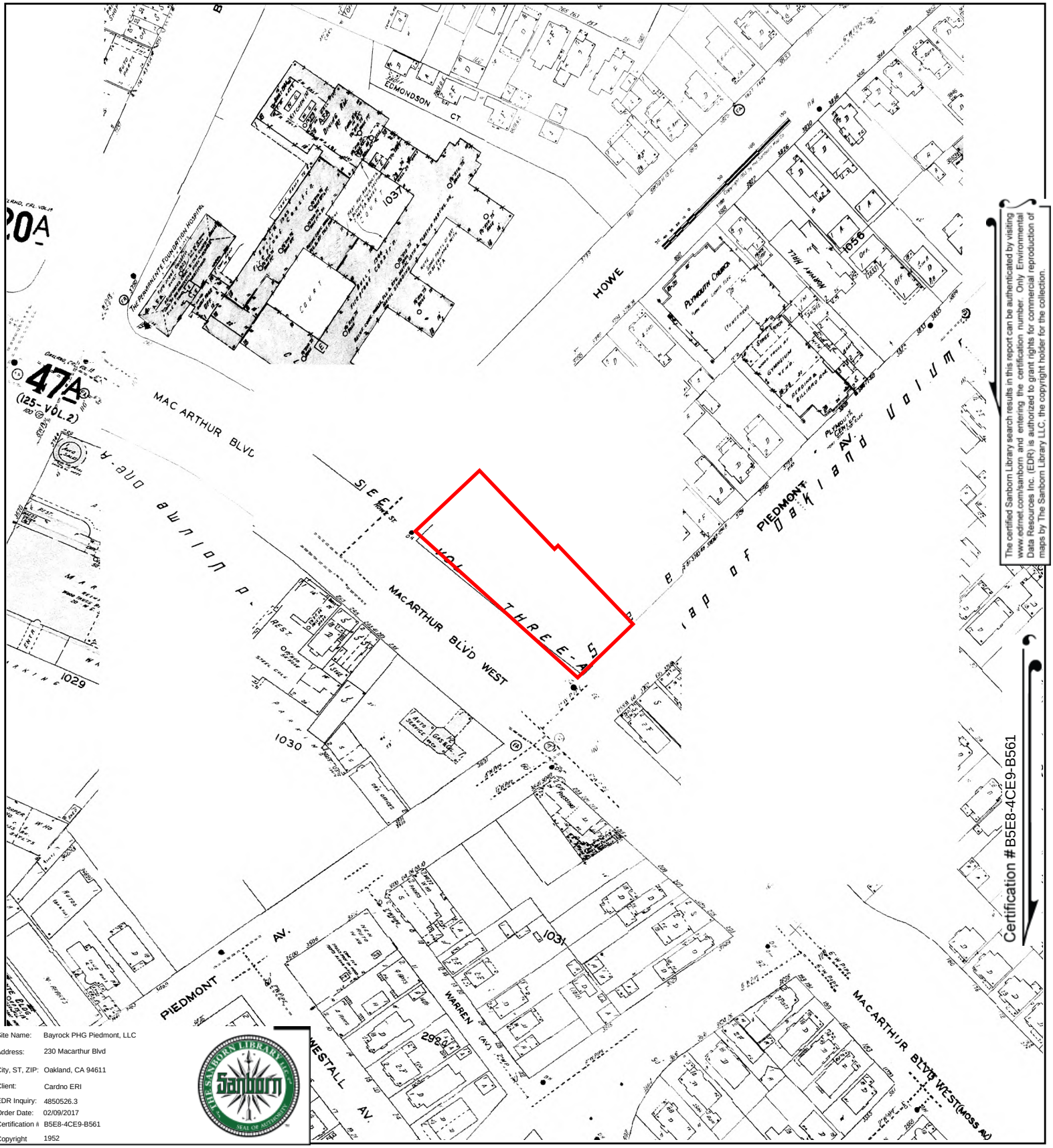
1952



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City, ST, ZIP:	Oakland, CA 94611
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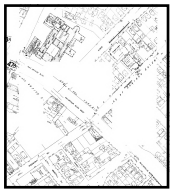

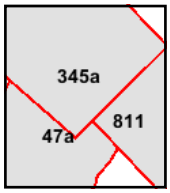

Volume 3A, Sheet 345a
Volume 1A, Sheet 47a
Volume 8, Sheet 811

N

Certified Sanborn® Map

1951

Certification # B5E8-4CE9-B561

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Order Date:	02/09/2017
Certification #	B5E8-4CE9-B561
Copyright	1951

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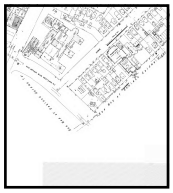

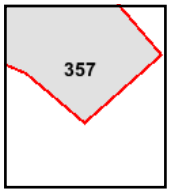

Volume 3, Sheet 357

N

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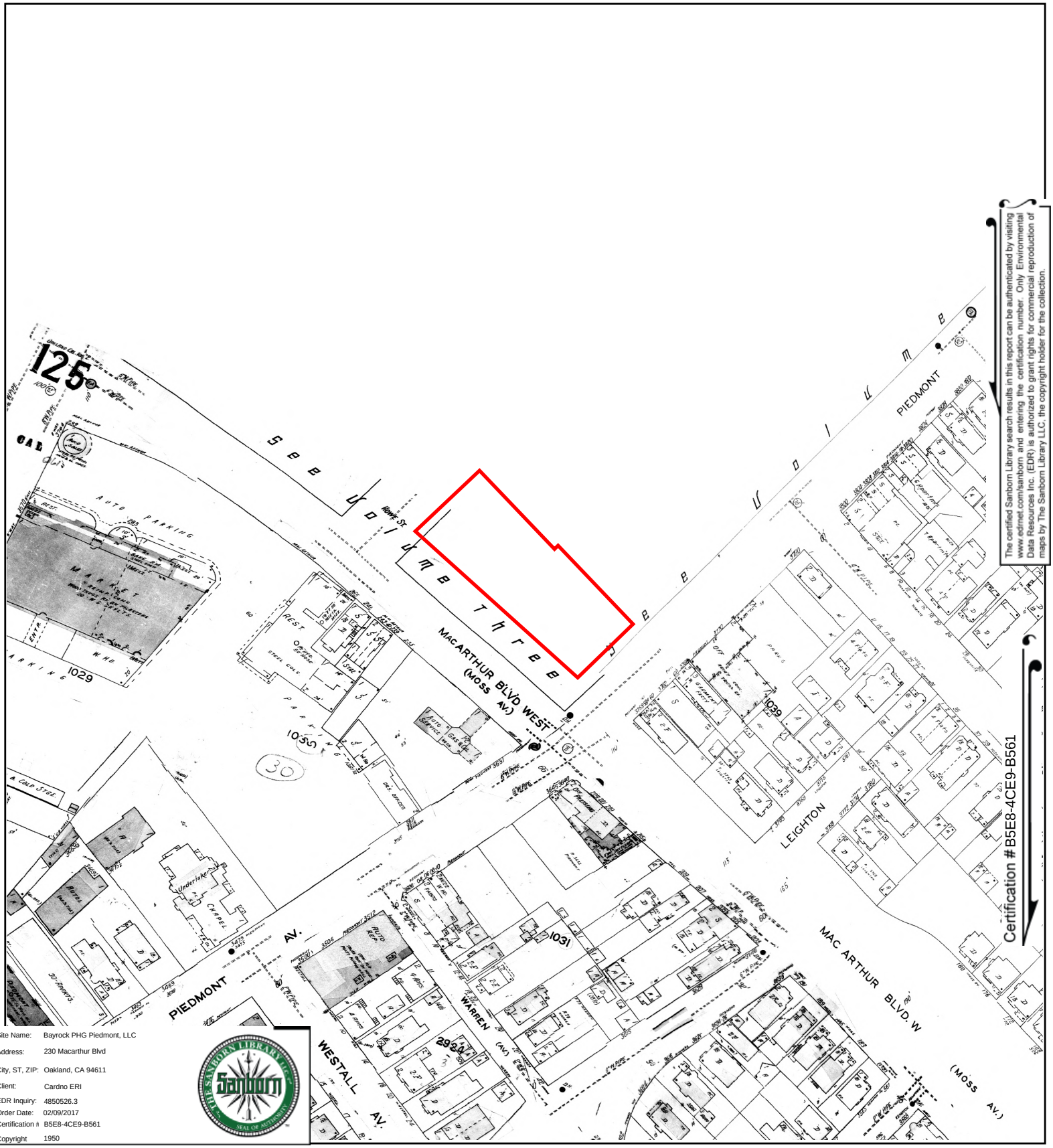
1950



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Address:	230 Macarthur Blvd
City, ST, ZIP:	Oakland, CA 94611
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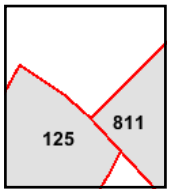
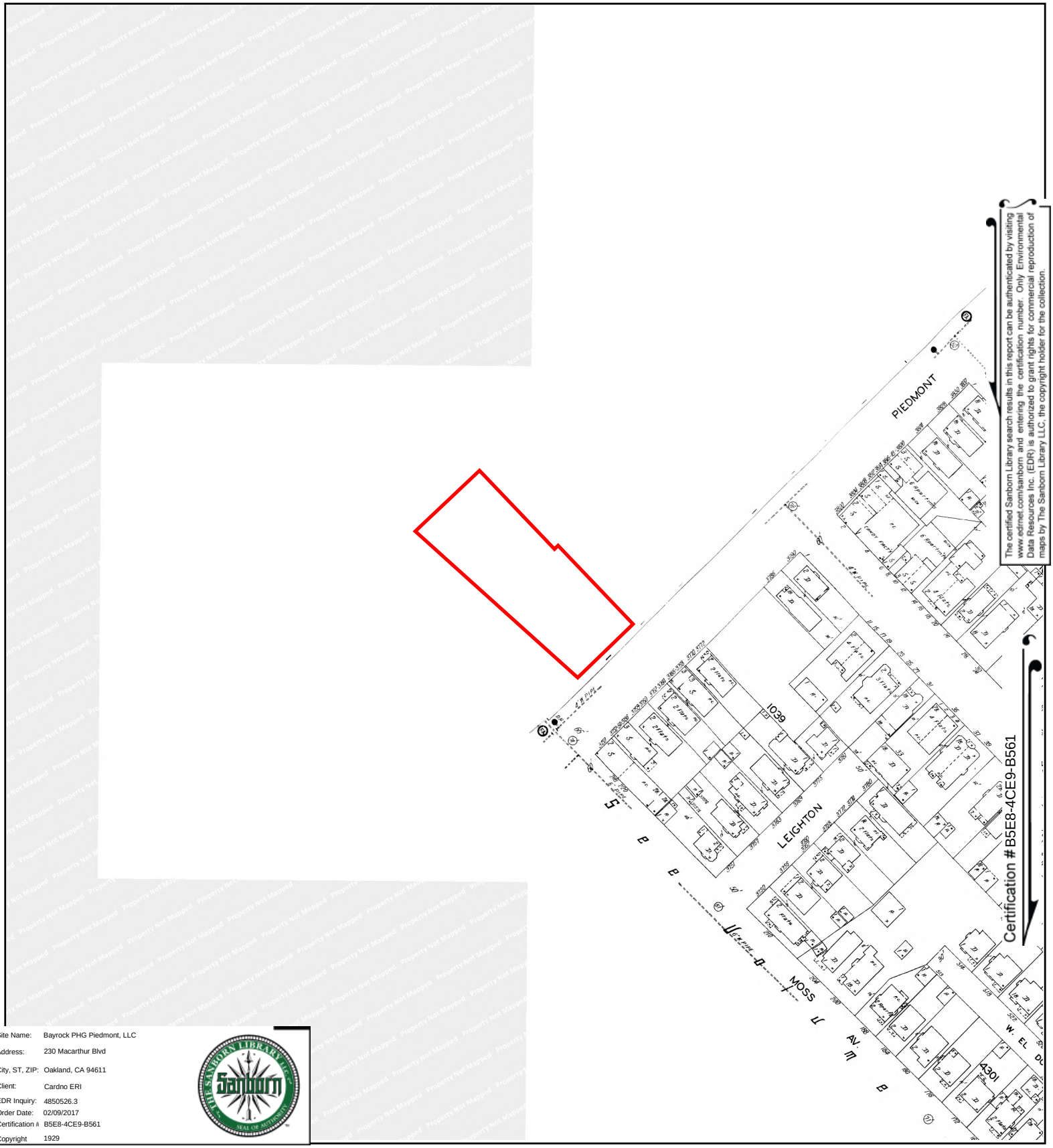


Volume 8, Sheet 811
Volume 2, Sheet 125

N

Certified Sanborn® Map

1929



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Address:	230 Macarthur Blvd
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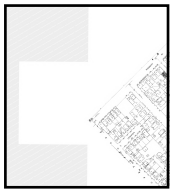

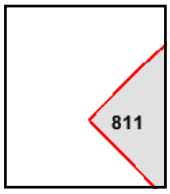

Volume 8, Sheet 811

N

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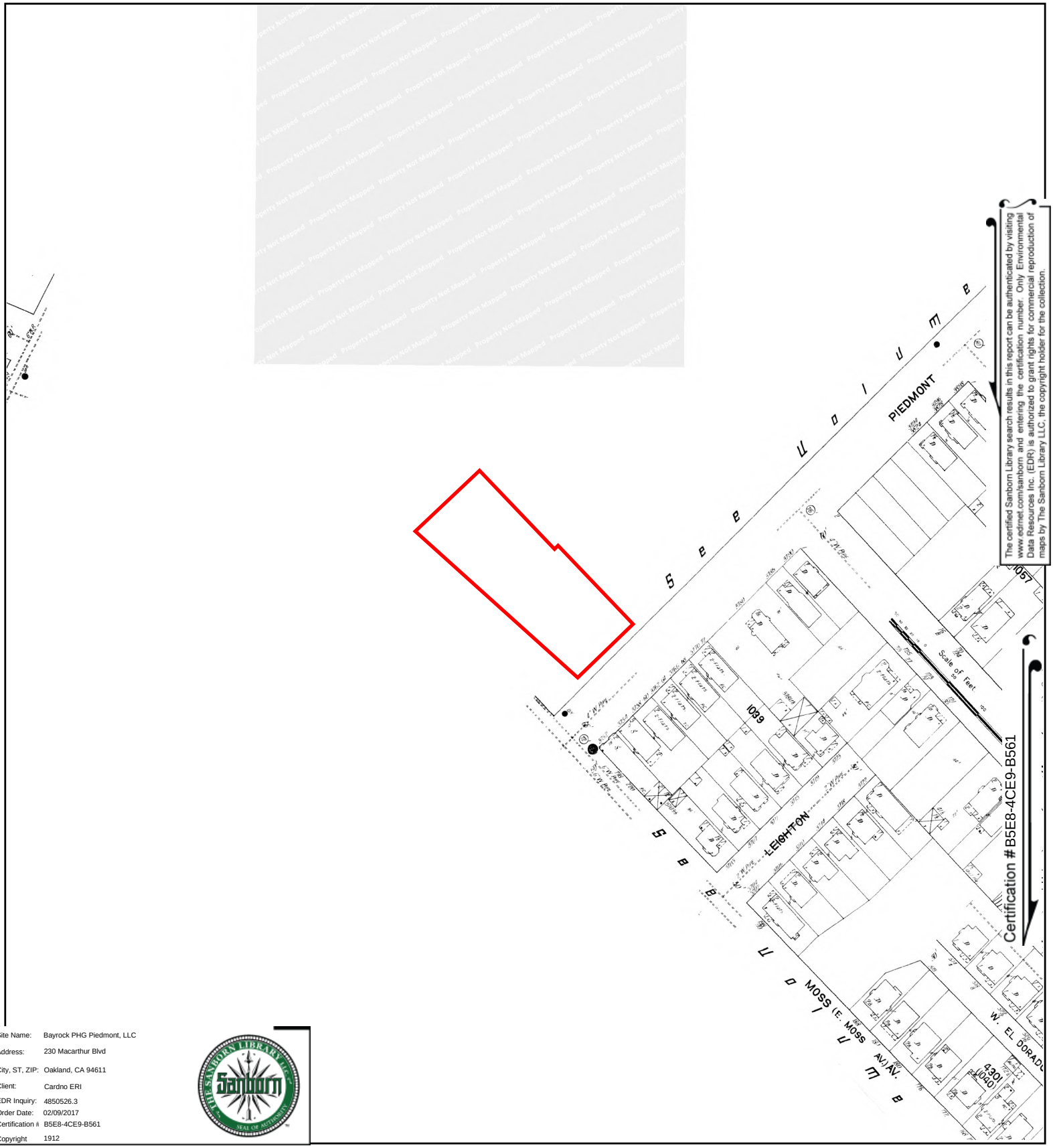

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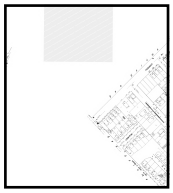
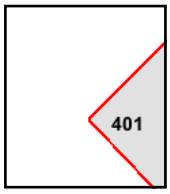


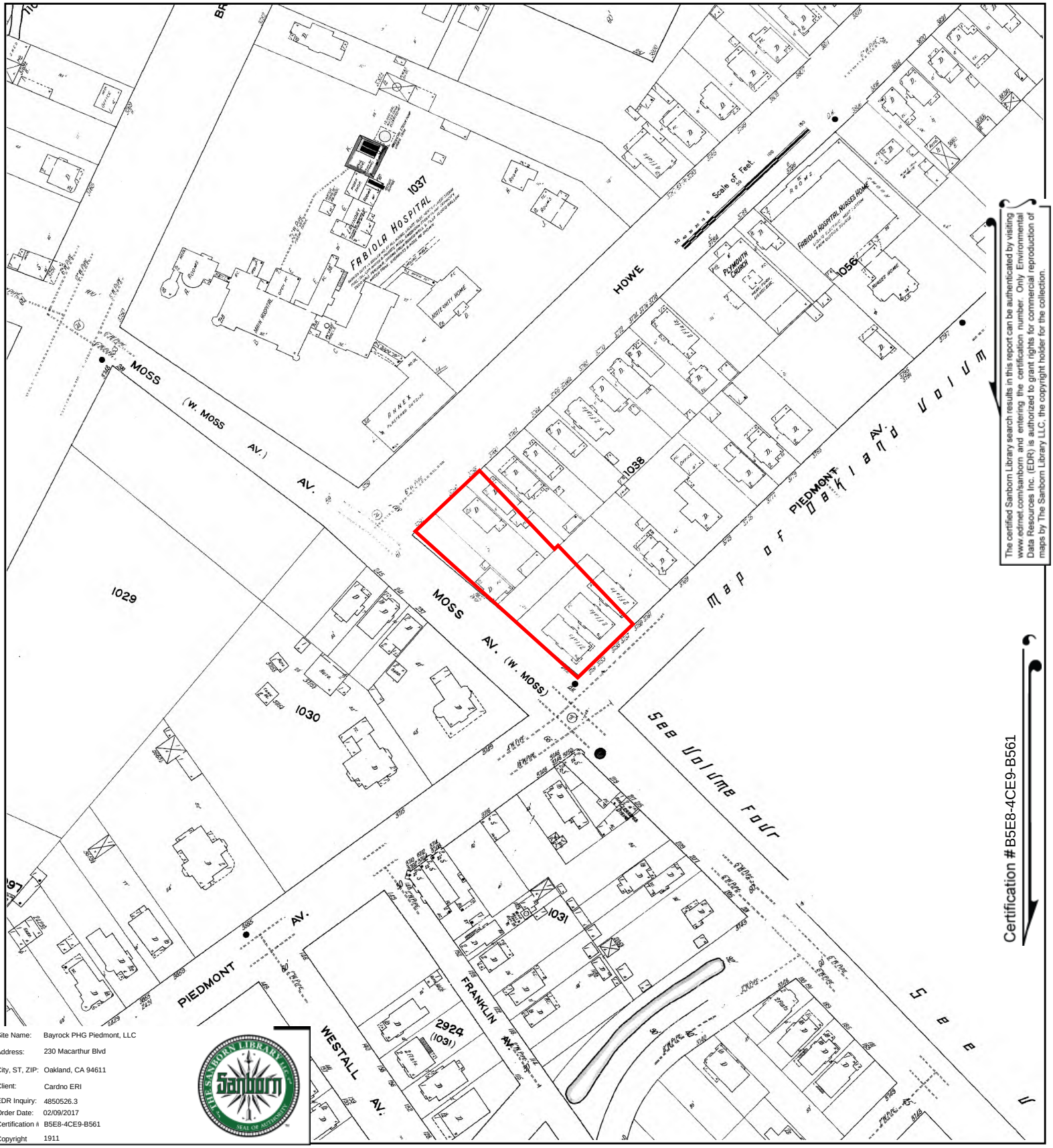


Volume 4, Sheet 401

N

Certified Sanborn® Map

1911



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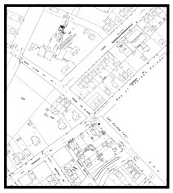
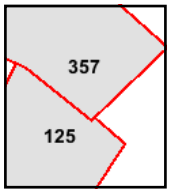
Address:	230 Macarthur Blvd
City, ST, ZIP:	Oakland, CA 94611
Client:	Cardno ERI
EDR Inquiry:	4850526.3
Order Date:	02/09/2017
Certification #	B5E8-4CE9-B561
Copyright	1911

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



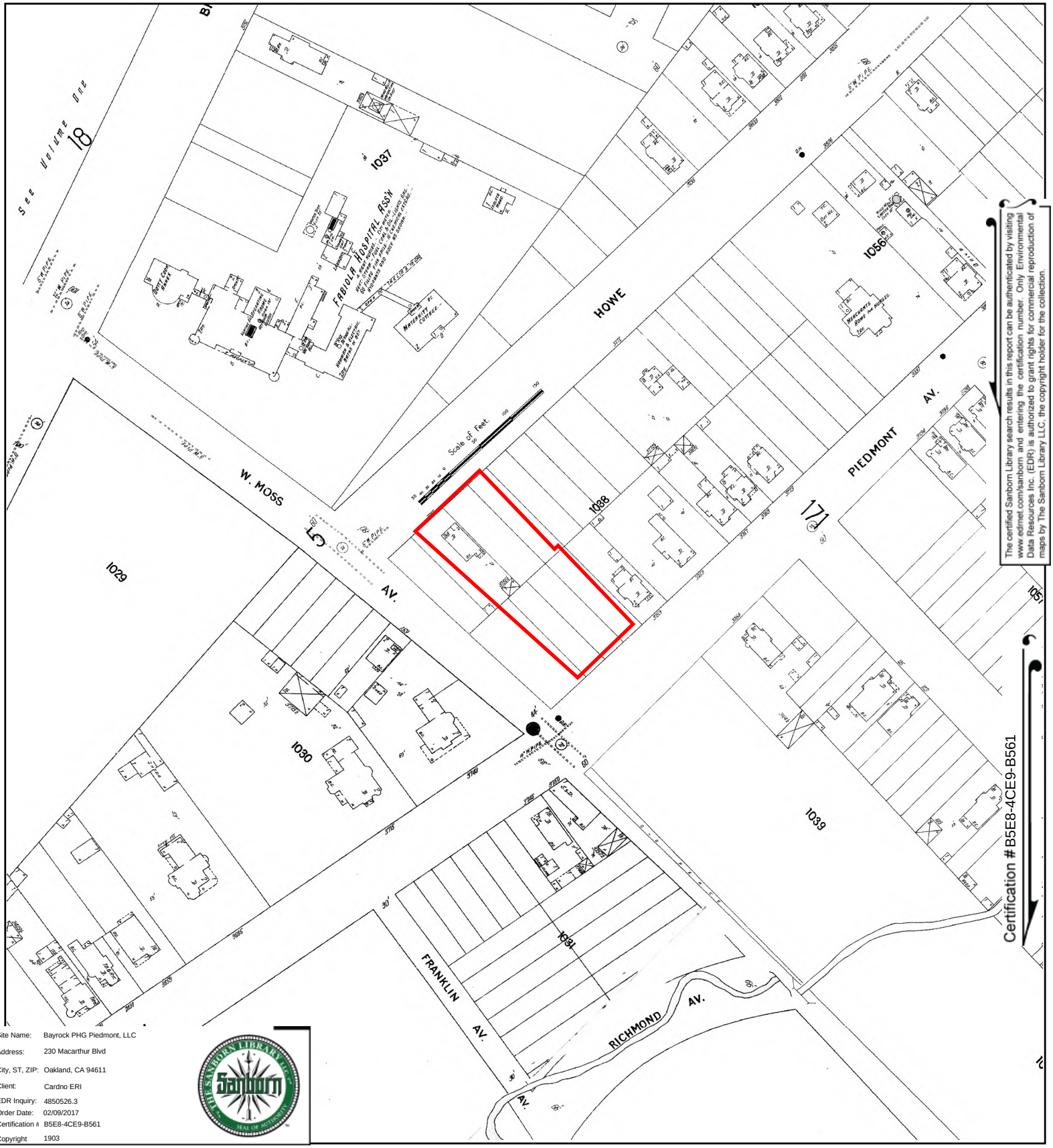


Volume 2, Sheet 125
Volume 3, Sheet 357

N

Certified Sanborn® Map

1903

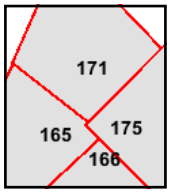


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	Bayrock PHG Piedmont, LLC
Address:	230 Macarthur Blvd
City, ST, ZIP:	Oakland, CA 94611
Client:	Cardno ERI
EDR Inquiry:	4850526.3
Order Date:	02/09/2017
Certification #	B5E8-4CE9-B561
Copyright	1903

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 2, Sheet 175
Volume 2, Sheet 171
Volume 2, Sheet 166
Volume 2, Sheet 165

N

Bayrock PHG Piedmont, LLC

230 Macarthur Blvd

Oakland, CA 94611

Inquiry Number: 4850526.4

February 09, 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

02/09/17

Site Name:	Client Name:
Bayrock PHG Piedmont, LLC	Cardno ERI
230 Macarthur Blvd	4572 Telephone Road
Oakland, CA 94611	Ventura, CA 93033
EDR Inquiry # 4850526.4	Contact: Robert Serrato

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Cardno ERI 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. EDRs 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:

P.O.# E317100700

Project: Bayrock PHG Piedmont, LLC

Coordinates:

Latitude:	37.823717 37° 49' 25" North
Longitude:	-122.256752 -122° 15' 24" West
UTM Zone:	Zone 10 North
UTM X Meters:	565411.54
UTM Y Meters:	4186516.53
Elevation:	77.07' above sea level

Maps Provided:

2012	1947
1996, 1997	1915
1980	1899
1973	1895, 1897
1968	
1959	
1949	
1948	

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Oakland East
2012
7.5-minute, 24000

Oakland West
2012
7.5-minute, 24000

1996, 1997 Source Sheets

Oakland West
1996
7.5-minute, 24000
Aerial Photo Revised 1993

Oakland East
1997
7.5-minute, 24000
Aerial Photo Revised 1993

1980 Source Sheets

Oakland East
1980
7.5-minute, 24000
Aerial Photo Revised 1979

Oakland West
1980
7.5-minute, 24000
Aerial Photo Revised 1979

1973 Source Sheets

Oakland East
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Oakland West
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1968 Source Sheets

Oakland West
1968
7.5-minute, 24000
Aerial Photo Revised 1947

Oakland East
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1959 Source Sheets

Oakland East
1959
7.5-minute, 24000
Aerial Photo Revised 1958

Oakland West
1959
7.5-minute, 24000
Aerial Photo Revised 1958

1949 Source Sheets

Oakland East
1949
7.5-minute, 24000
Aerial Photo Revised 1946

Oakland West
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1948 Source Sheets

CONCORD
1948
15-minute, 50000

SAN FRANCISCO
1948
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets

Oakland East
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1915 Source Sheets

Concord
1915
15-minute, 62500

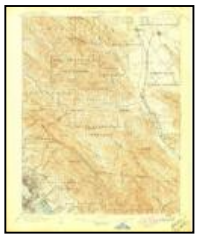
San Francisco
1915
15-minute, 62500

1899 Source Sheets

San Francisco
1899
15-minute, 62500

1895, 1897 Source Sheets

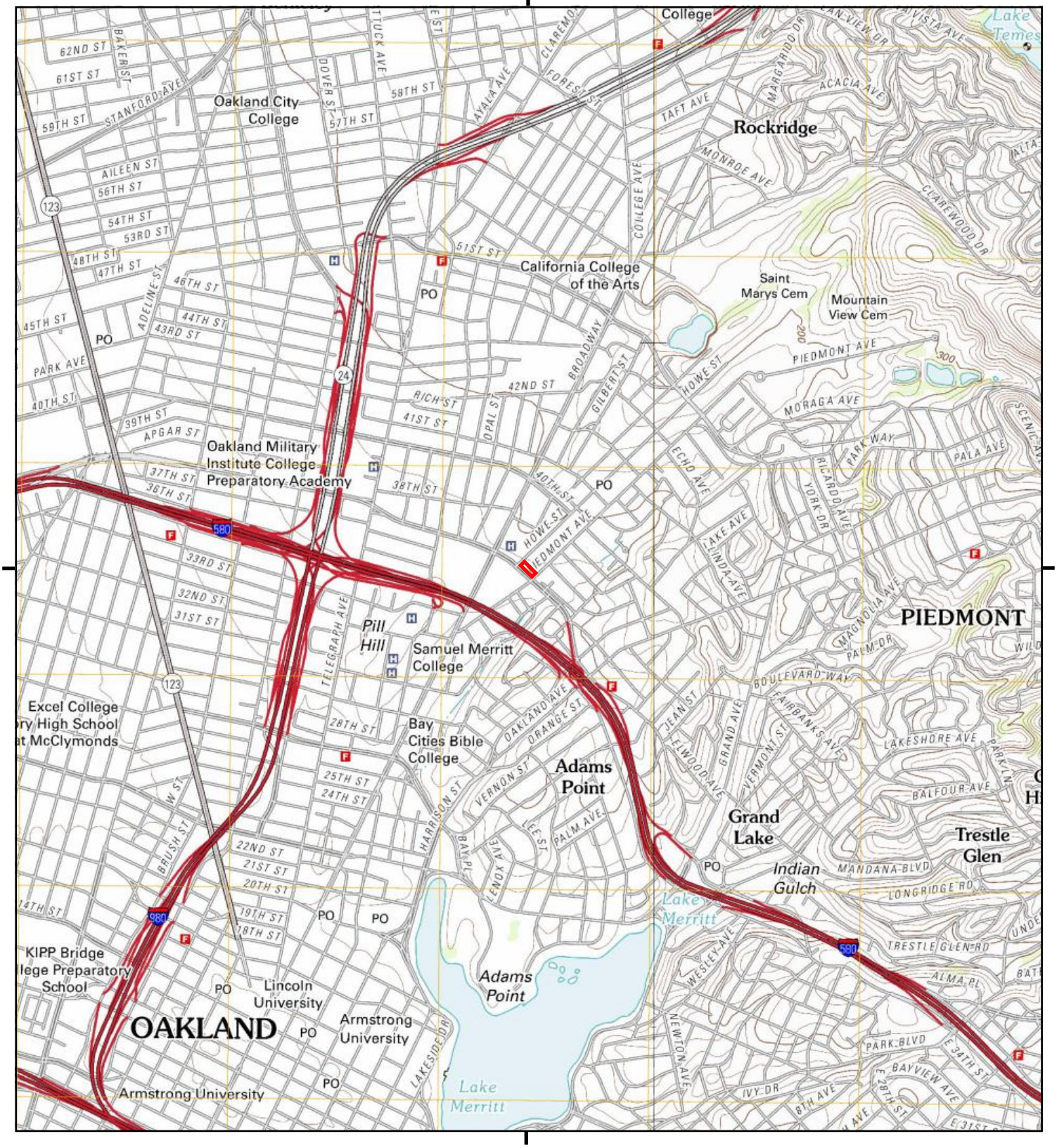
San Francisco
1895
15-minute, 62500



Concord
1897
15-minute, 62500

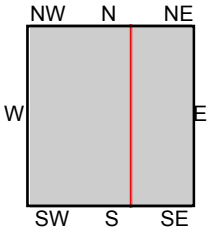
Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



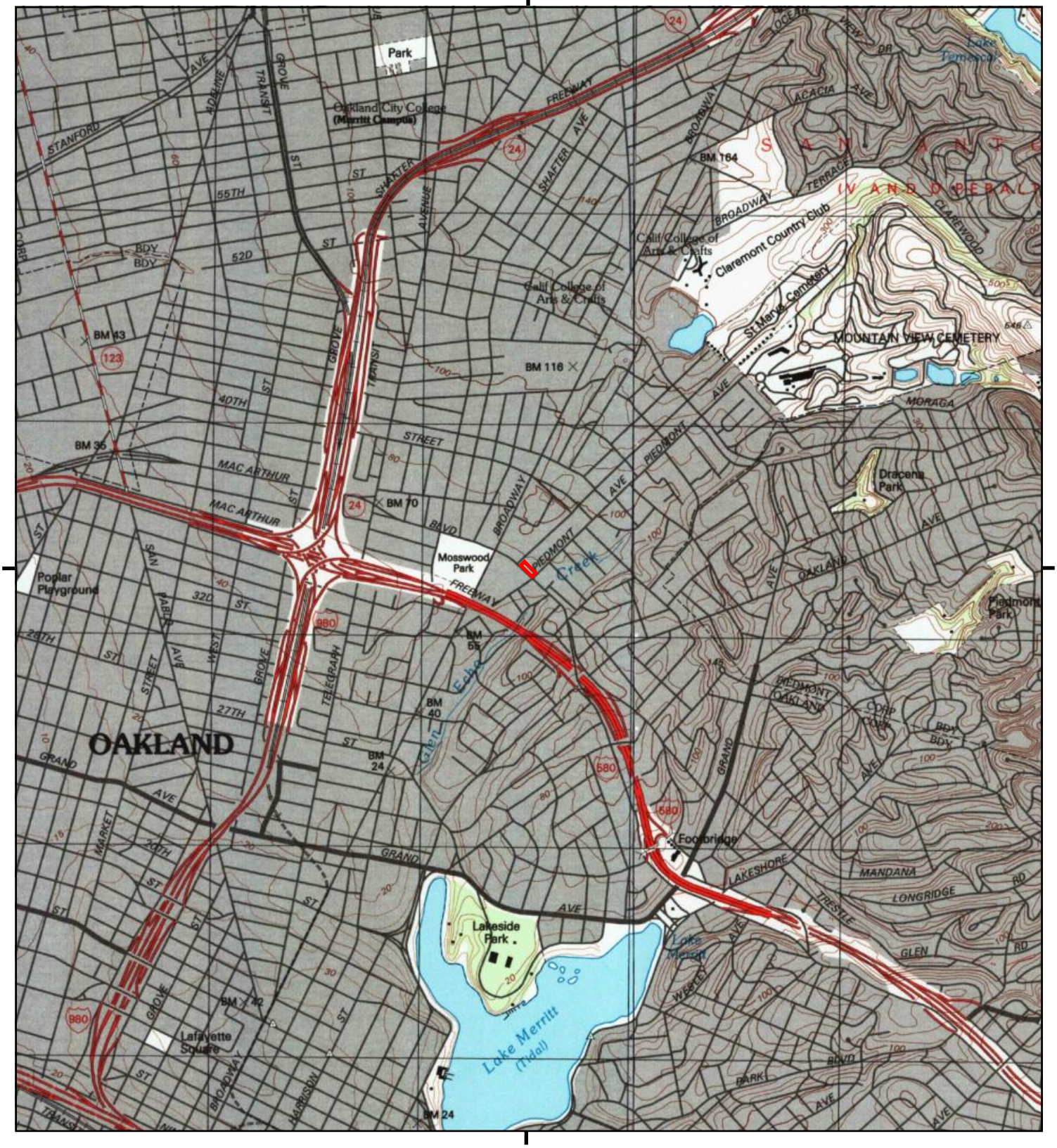
TP, Oakland West, 2012, 7.5-minute
E, Oakland East, 2012, 7.5-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

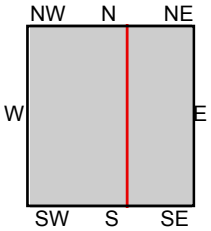
Historical Topo Map

1996, 1997



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



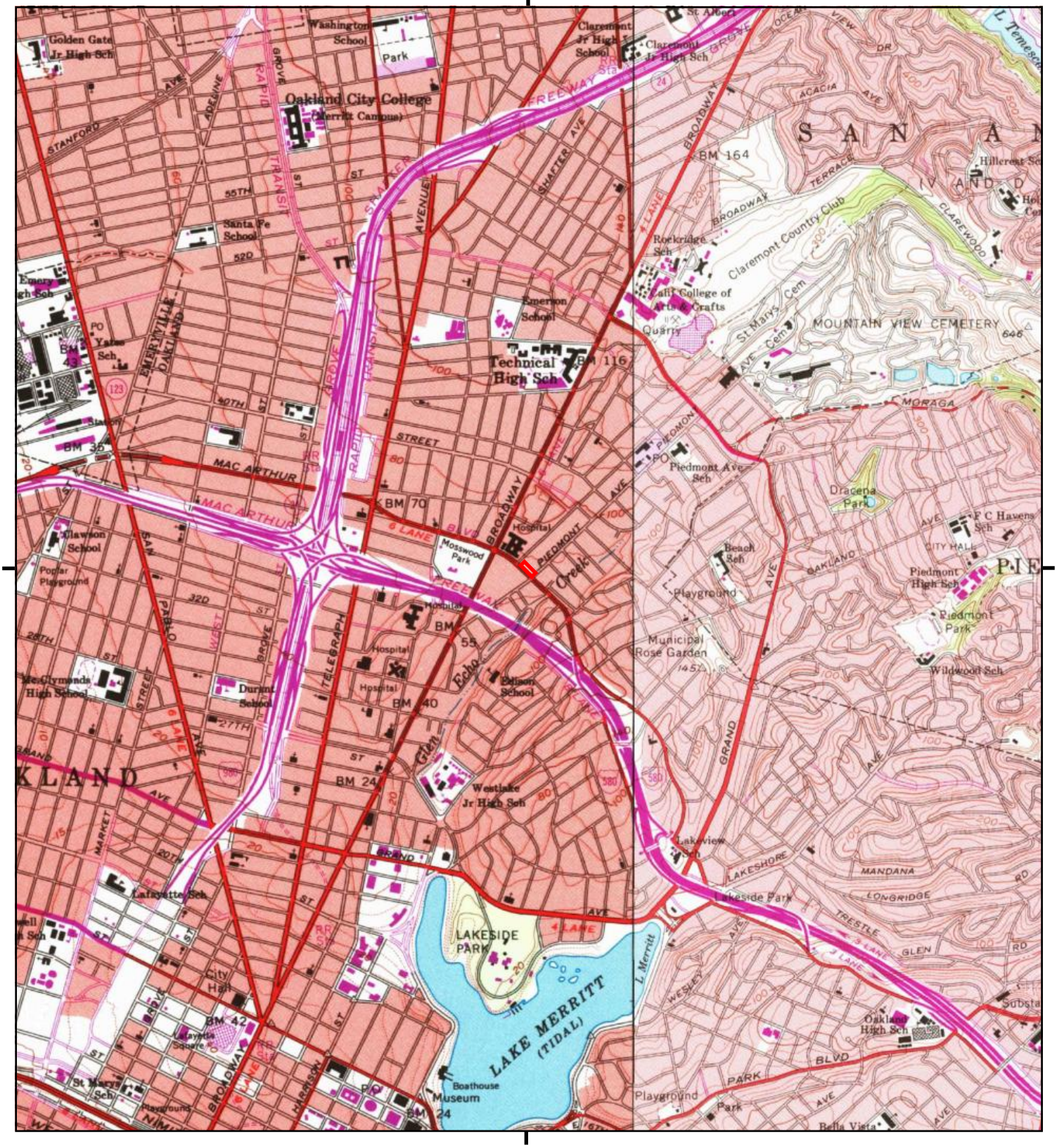
TP, Oakland West, 1996, 7.5-minute
E, Oakland East, 1997, 7.5-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

Historical Topo Map

1980



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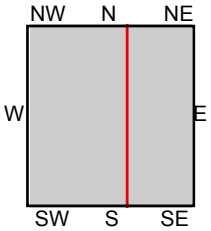
0 Miles 0.25 0.5 1 1.5



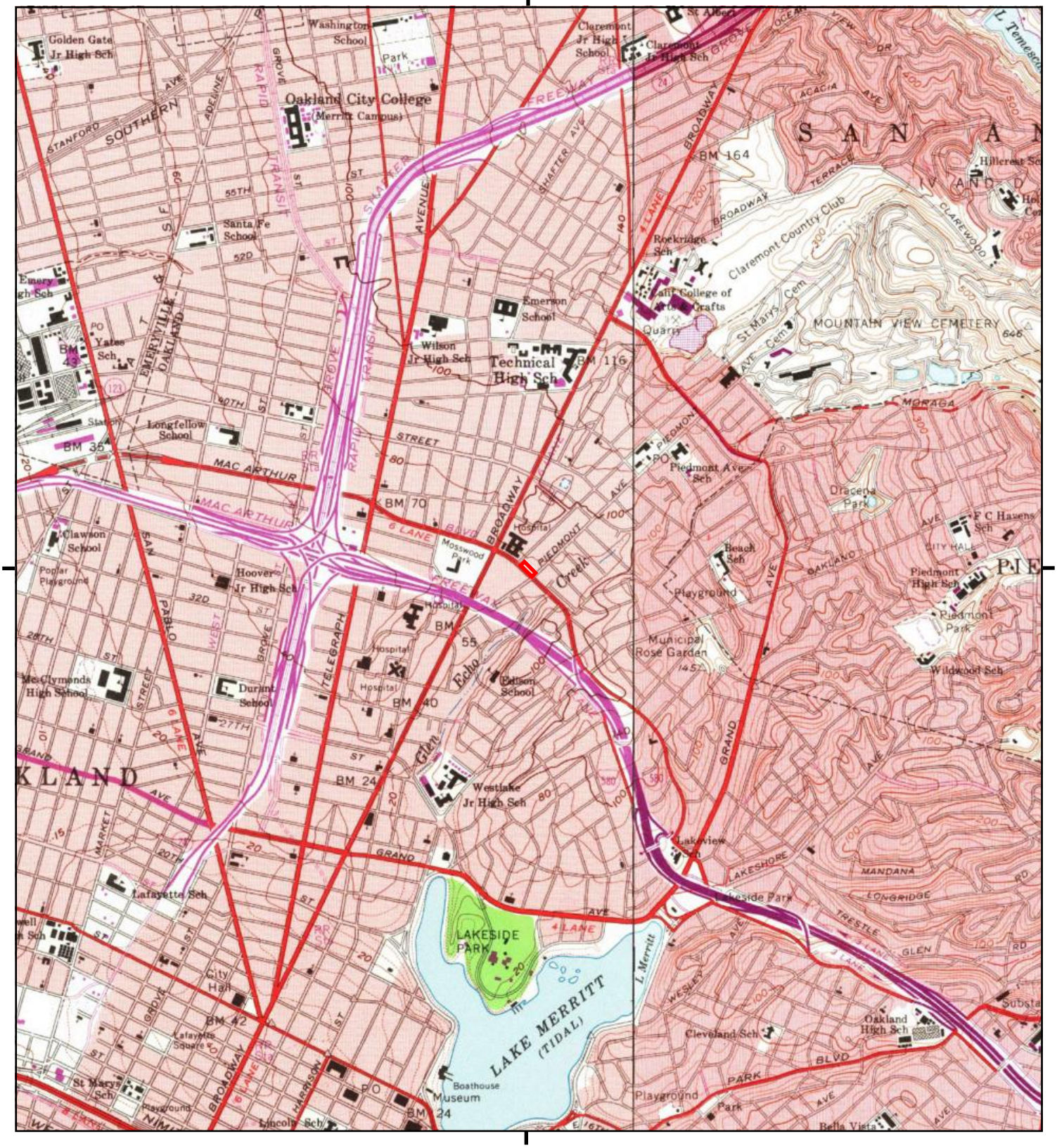
TP, Oakland West, 1980, 7.5-minute
E, Oakland East, 1980, 7.5-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

Historical Topo Map

1973



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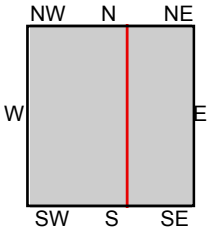
0 Miles 0.25 0.5 1 1.5



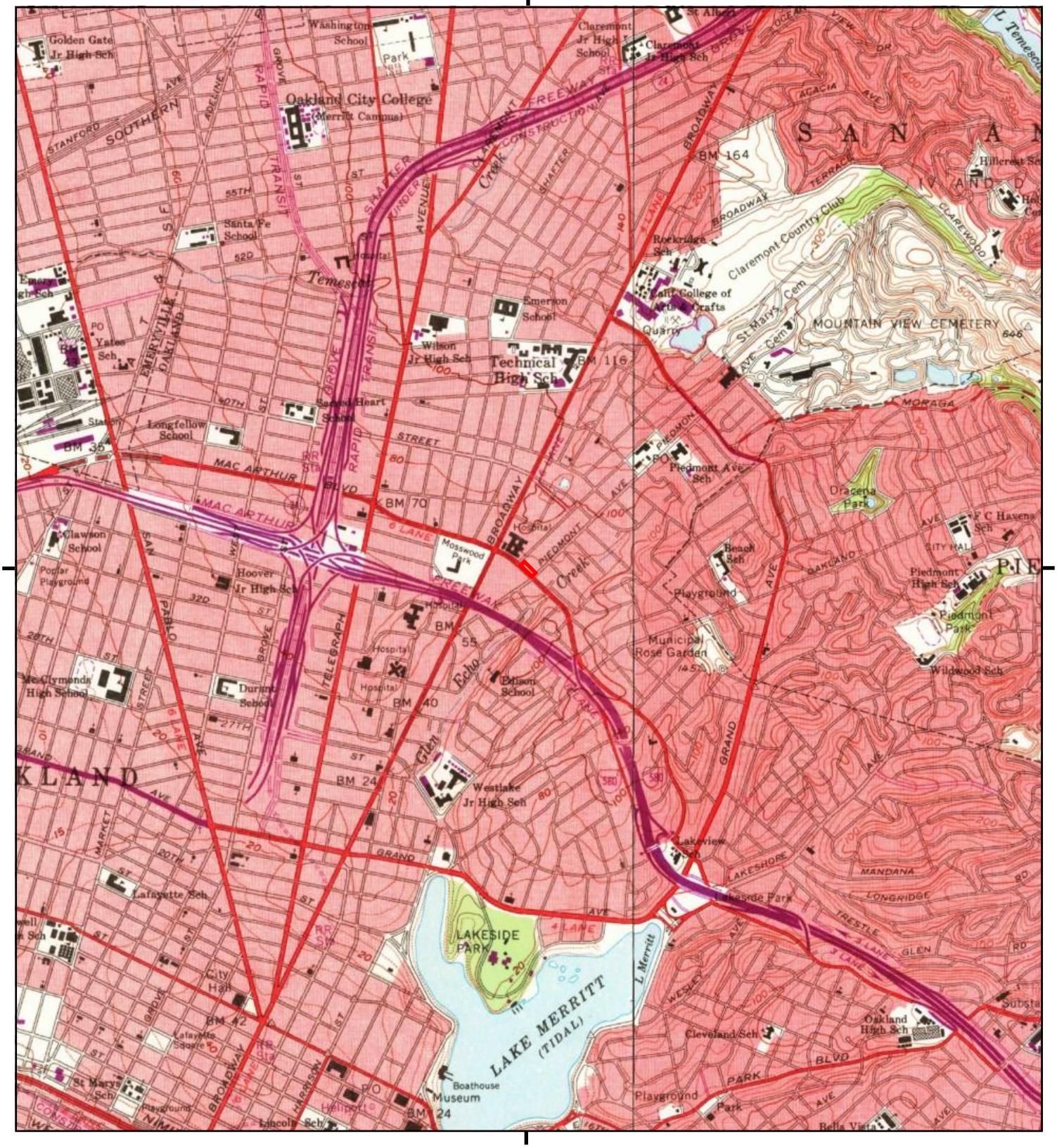
TP, Oakland West, 1973, 7.5-minute
E, Oakland East, 1973, 7.5-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

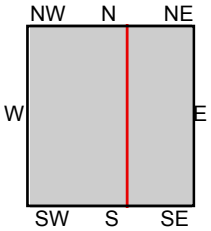
Historical Topo Map

1968



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



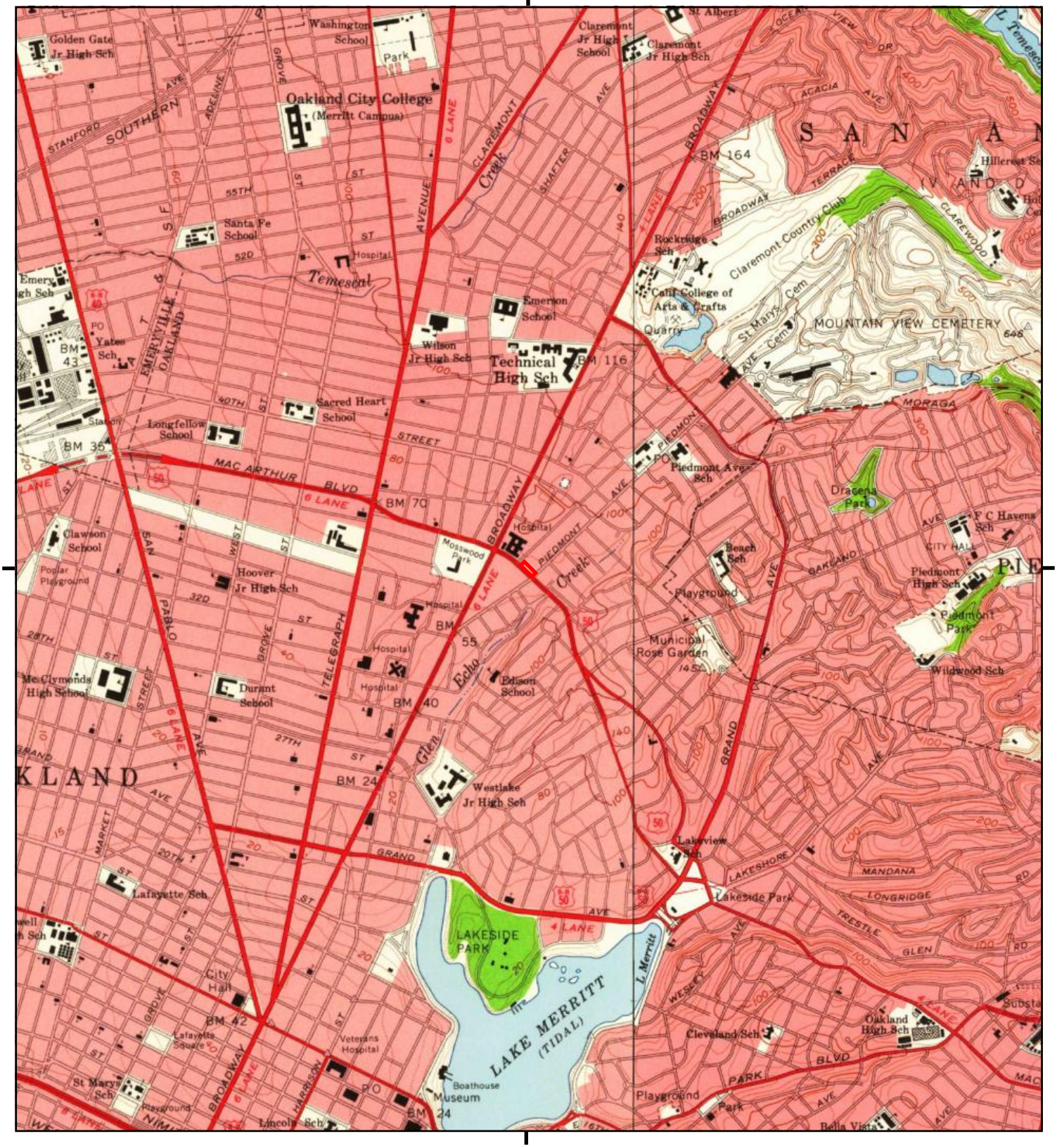
TP, Oakland West, 1968, 7.5-minute
E, Oakland East, 1968, 7.5-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

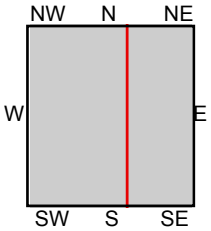
Historical Topo Map

1959



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



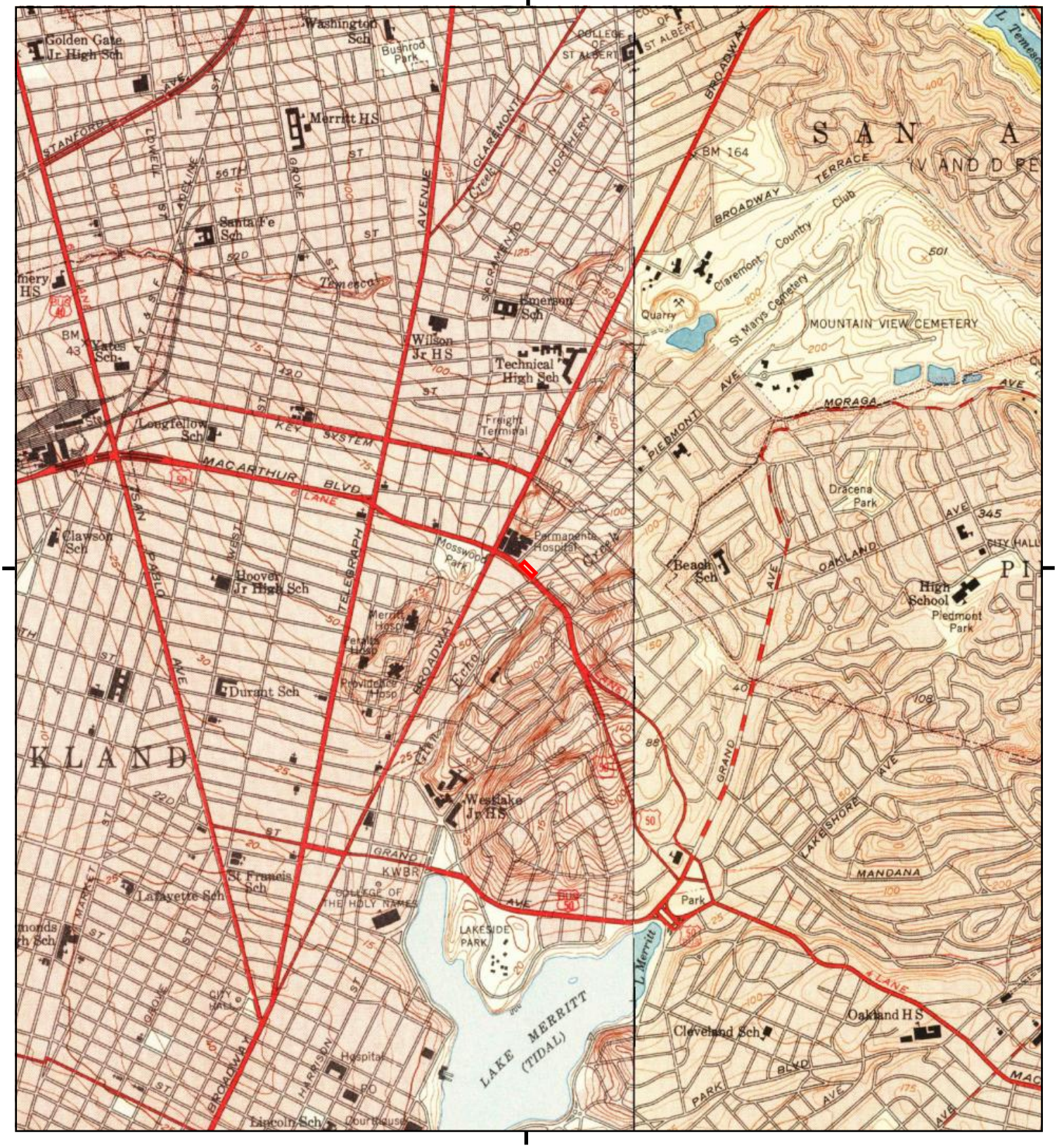
TP, Oakland West, 1959, 7.5-minute
E, Oakland East, 1959, 7.5-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

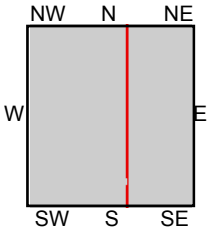
Historical Topo Map

1949



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



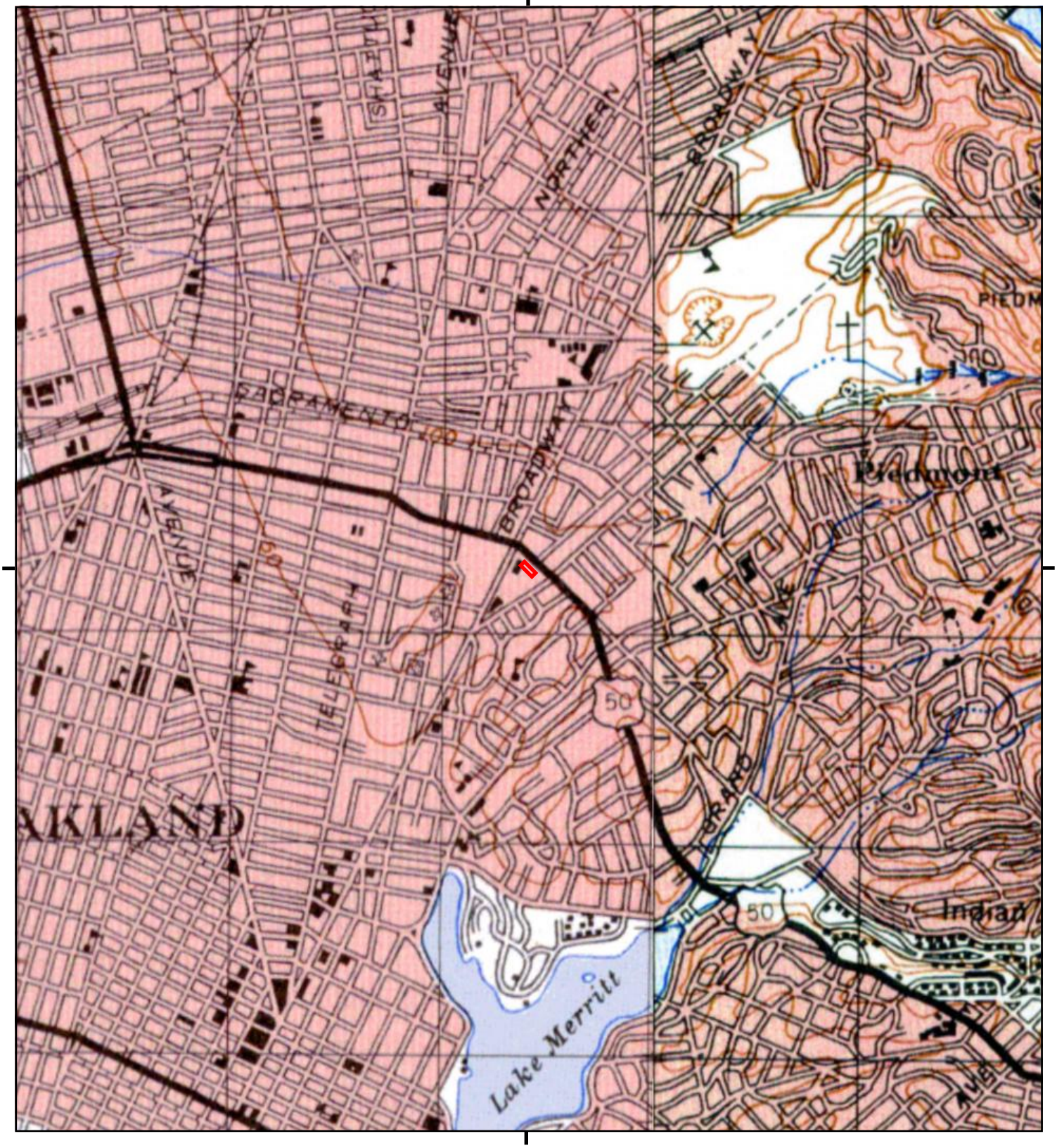
TP, Oakland West, 1949, 7.5-minute
E, Oakland East, 1949, 7.5-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

Historical Topo Map

1948



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

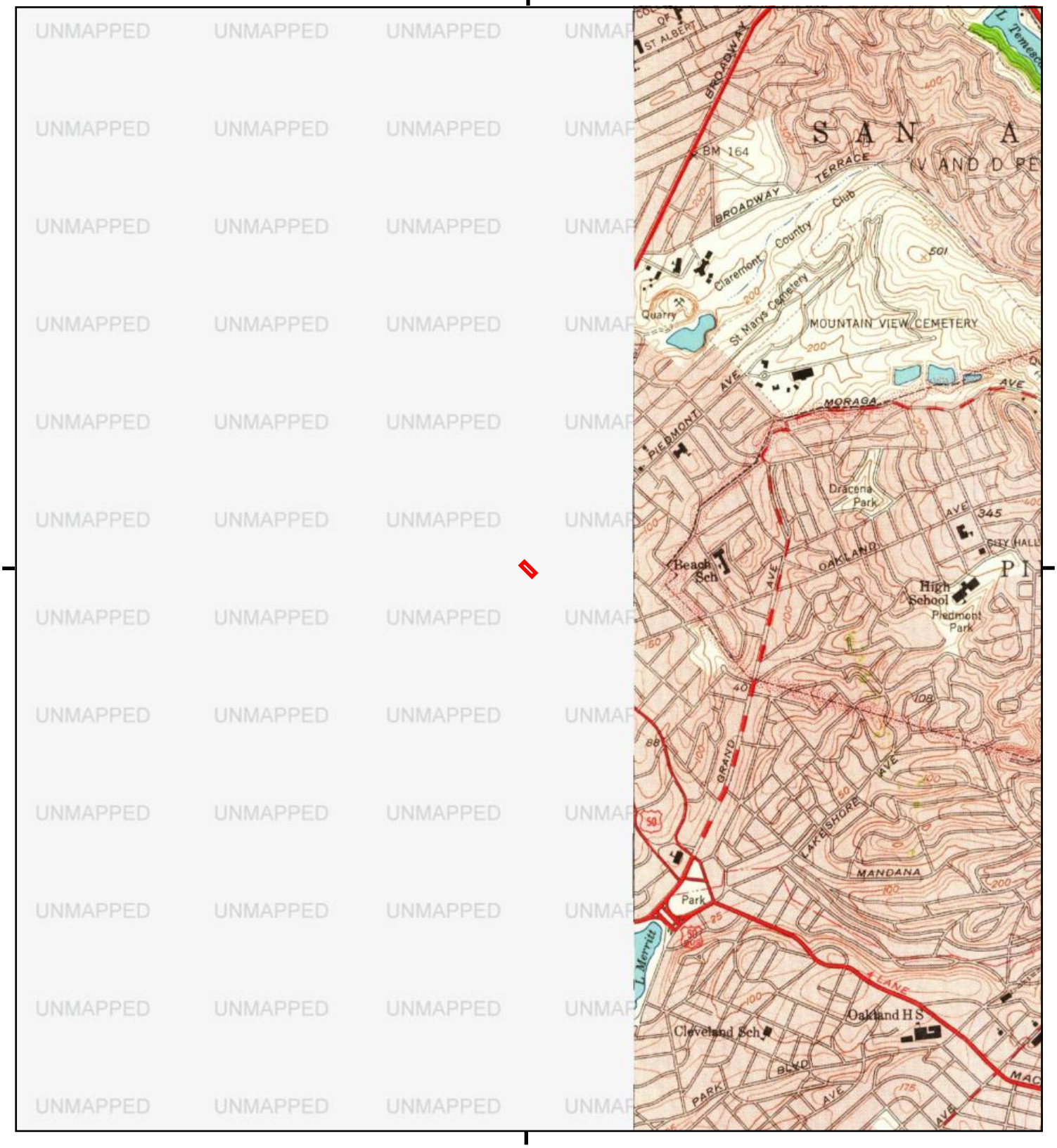
TP, SAN FRANCISCO, 1948, 15-minute
NE, CONCORD, 1948, 15-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

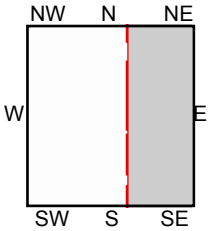
Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



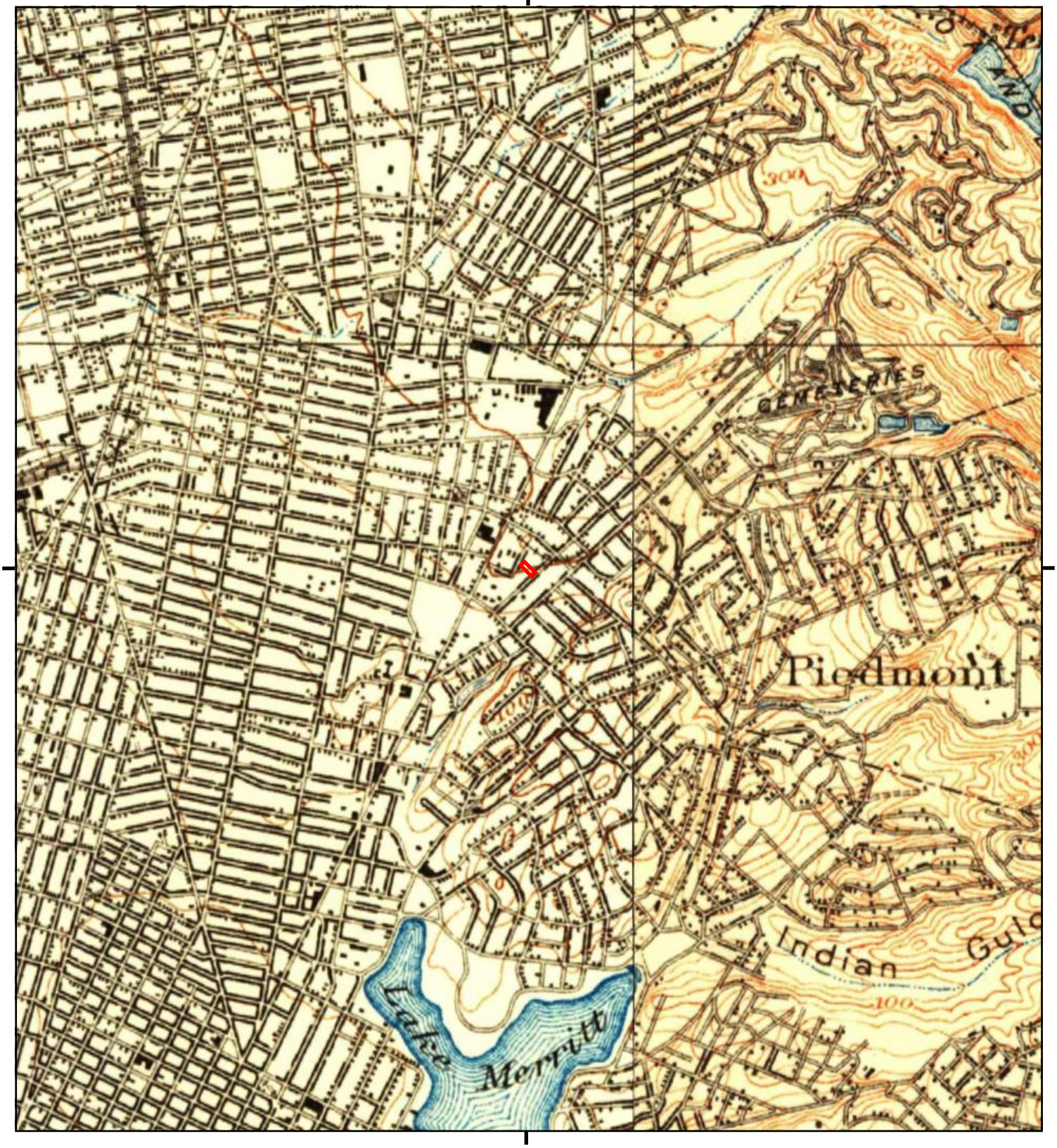
E, Oakland East, 1947, 7.5-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

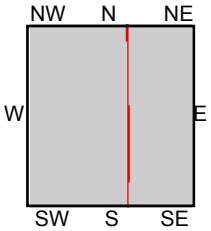
Historical Topo Map

1915



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



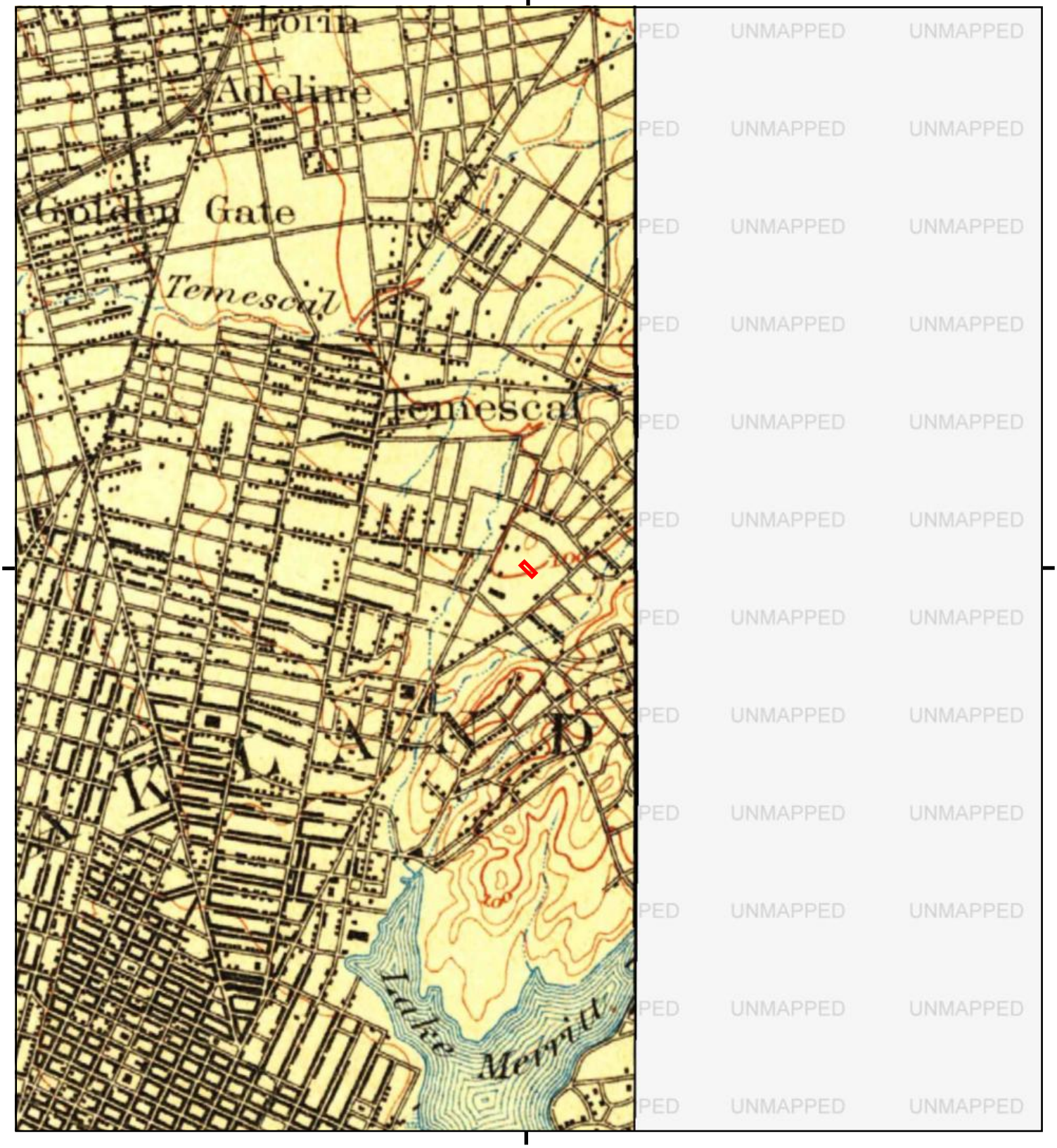
TP, San Francisco, 1915, 15-minute
NE, Concord, 1915, 15-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

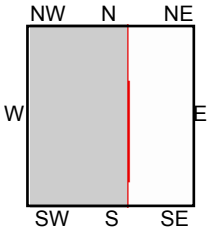
Historical Topo Map

1899



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, San Francisco, 1899, 15-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

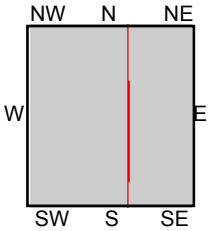
N

Historical Topo Map

1895, 1897

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, San Francisco, 1895, 15-minute
NE, Concord, 1897, 15-minute

SITE NAME: Bayrock PHG Piedmont, LLC
ADDRESS: 230 Macarthur Blvd
Oakland, CA 94611
CLIENT: Cardno ERI

N

Bayrock PHG Piedmont, LLC
230 Macarthur Blvd
Oakland, CA 94611

Inquiry Number: 4850526.5
February 09, 2017

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. 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.

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.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
2006	Haines Company, Inc.	-	X	X	-
2002	R. L. Polk & Co.	-	X	X	-
2000	Pacific Bell	-	X	X	-
1996	PACIFIC BELL DIRECTORY	-	X	X	-
1993	Pacific Bell	-	-	-	-
1992	PACIFIC BELL DIRECTORY	-	X	X	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
1986	PACIFIC BELL WHITE PAGES	-	X	X	-
1984	Pacific Bell	-	-	-	-
1982	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1979	Pacific Telephone	-	X	X	-
1976	R. L. Polk & Co.	-	X	X	-
1975	Pacific Telephone	-	X	X	-
1973	Pacific Telephone	-	-	-	-
1970	Pacific Telephone and Telegraph Co	-	X	X	-
	Pacific Telephone Directory	-	X	X	-
1967	R. L. Polk Co.	X	X	X	-
1965	R. L. Polk & Co.	-	X	X	-
1962	Pacific Telephone	-	X	X	-
1960	Pacific Telephone	-	X	X	-
1959	R. L. Polk & Co.	-	-	-	-
1956	Pacific Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1955	The Pacific Telephone & Telegraph Co.	X	X	X	-
1954	R. L. Polk & Co. of California	-	-	-	-
1951	R. L. Polk & Co.	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	X	X	-
1946	R. L. Polk & Co.	-	-	-	-
1945	The Pacific Telephone & Telegraph Co.	X	X	X	-
1943	R. L. Polk & Co.	X	X	X	-
1940	R. L. Polk & Co.	-	-	-	-
1938	Pacific Telephone	-	X	X	-
1933	R. L. Polk & Co.	-	X	X	-
1932	R. L. Polk & Co. of California	-	-	-	-
1928	R.L. Polk and Co of California	-	X	X	-
1926	R. L. Polk & Co.	-	-	-	-
1925	R. L. Polk & Co. of California	-	X	X	-
1920	R. L. Polk & Co. of California	-	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.

Address	***Type***	***Findings***
240 Macarthur Blvd	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

230 Macarthur Blvd
Oakland, CA 94611

FINDINGS DETAIL

Target Property research detail.

Macarthur

230 Macarthur

Year	Uses	Source
1967	BEEBES SHELL SERVICE	R. L. Polk Co.
1955	COLLIS ROBT	The Pacific Telephone & Telegraph Co.
1945	SHELL OIL COMPANY INCORPORATED SERVICE STATIONS	The Pacific Telephone & Telegraph Co.

240 Macarthur

Year	Uses	Source
1967	GULF OIL SERVICE STATION	R. L. Polk Co.
1955	INMAN E P	The Pacific Telephone & Telegraph Co.
1945	CRAIG OIL CO	The Pacific Telephone & Telegraph Co.
	INMAN PERCE MRS R	The Pacific Telephone & Telegraph Co.
1943	Inman Edgar P Lillian M farmer h	R. L. Polk & Co.

Macarthur Blvd

240 Macarthur Blvd

Year	Uses	Source

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ADAMS CT

415 ADAMS CT

Year	Uses	Source
1955	ROWLAND C J	The Pacific Telephone & Telegraph Co.
	MOELLER ALICE G MAJ	The Pacific Telephone & Telegraph Co.

430 ADAMS CT

Year	Uses	Source
1955	HARRINGTON MARTHA MRS	The Pacific Telephone & Telegraph Co.

433 ADAMS CT

Year	Uses	Source
1975	CONLEY BURKE	Pacific Telephone
	NIMS! JOHN	Pacific Telephone
1955	BENTLEY R E	The Pacific Telephone & Telegraph Co.
	DIAMOND STANLEY P	The Pacific Telephone & Telegraph Co.
	FELDMAN CHAS	The Pacific Telephone & Telegraph Co.
	HALES A J	The Pacific Telephone & Telegraph Co.
	JENNINGS LOWELL F	The Pacific Telephone & Telegraph Co.
	MANN WM G	The Pacific Telephone & Telegraph Co.
	MCCREA HARRY	The Pacific Telephone & Telegraph Co.
	MINOR WM MCLEAN	The Pacific Telephone & Telegraph Co.
	TAYLOR FREDERIC F	The Pacific Telephone & Telegraph Co.
	SCHMIDT JOHN H	The Pacific Telephone & Telegraph Co.
	PECK WM C JR	The Pacific Telephone & Telegraph Co.
	TRUMBO HERBERT E	The Pacific Telephone & Telegraph Co.
	UNION DONALD C	The Pacific Telephone & Telegraph Co.
	WALKER M R	The Pacific Telephone & Telegraph Co.
	WATTS SAM JR	The Pacific Telephone & Telegraph Co.
	WILSON KENNETH LICHTIE	The Pacific Telephone & Telegraph Co.

FINDINGS

ADAMS ST

415 ADAMS ST

Year	Uses	Source
2006	BARKERJamie	Haines Company, Inc.
	NJENGASusan W	Haines Company, Inc.
2000	1 OLADUNJOYE MARUF B	Pacific Bell
	1 DA-COSTA SLAVIUS	Pacific Bell
	4 NJENGA SUSAN W	Pacific Bell
1996	4 ALLEN ANTHONY	PACIFIC BELL DIRECTORY
1967	EPPS EARL	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	LYON DUANIE	R. L. Polk Co.
	MILLER BEULAH 0 MRS	R. L. Polk Co.
	MONETT LARRY	R. L. Polk Co.
	$ BARBENA RUDY	R. L. Polk Co.
	BRIOENSTINE WAYNE	R. L. Polk Co.
	DOUGLAS JEAN MRS	R. L. Polk Co.
	STRAHAN HELEN L MRS	R. L. Polk Co.
1962	Whittaker West	Pacific Telephone
	Wells D R	Pacific Telephone
	Shapiro Marvin	Pacific Telephone
	Newman Linda	Pacific Telephone
	Levy Jacques	Pacific Telephone
	Kann Harlan E	Pacific Telephone
	Campbell Dennis	Pacific Telephone
1943	Maede Helen Mrs bkpr Leonard R Foss Studios r	R. L. Polk & Co.
	Haycock Lottie wid T P h	R. L. Polk & Co.
	Haycock Irma r	R. L. Polk & Co.
	Haycock Chas W slsmn r	R. L. Polk & Co.
	Mayberry Marvin C Jo C electn r	R. L. Polk & Co.

427 ADAMS ST

Year	Uses	Source
2006	OBERHOLTZER T F	Haines Company, Inc.
2000	OBERHOLTZER T F	Pacific Bell
1996	OBERHOLTZER T F	PACIFIC BELL DIRECTORY
1992	OBERHOLTZER T F	PACIFIC BELL DIRECTORY
1967	REY JOHN	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1962	Ryburn Wm A r	Pacific Telephone
	Ryburn Walter N r	Pacific Telephone
1943	Ryburn Rollin E clk r	R. L. Polk & Co.
	Ryburn Jessie L wid J M h	R. L. Polk & Co.
	Ryburn Jas L clk r	R. L. Polk & Co.

430 ADAMS ST

Year	Uses	Source
1992	KIBLER JOHN	PACIFIC BELL DIRECTORY
1967	GROVES JAMES H	R. L. Polk Co.
1962	Bourboulis C	Pacific Telephone
	City Painting Co	Pacific Telephone
1943	Garrett Myrtle M Mrs r	R. L. Polk & Co.
	Galligan Kathleen librn h	R. L. Polk & Co.

433 ADAMS ST

Year	Uses	Source
2008	PREDONS CHEM DRY	Cole Information Services
2006	APARTMENTS	Haines Company, Inc.
	CORMIERM	Haines Company, Inc.
	KIARIE Wille	Haines Company, Inc.
	C RITTINGER David	Haines Company, Inc.
	F STEVENS Doromhy	Haines Company, Inc.
	B WILLETT Klrk	Haines Company, Inc.
	H WOGEN Kaaren M	Haines Company, Inc.
2000	1F TSHIUNZA DESIRE	Pacific Bell
	1G URIBE MICHAEL A	Pacific Bell
	1H GITHUKA ELIZABETH	Pacific Bell
	2B SALZMAN MITCHEL W	Pacific Bell
	2E KIARIE WILLIE	Pacific Bell
	3C RITTINGER DAVID	Pacific Bell
	1D THAMES LUCY R	Pacific Bell
1996	2B SALZMAN MITCHEL W	PACIFIC BELL DIRECTORY
	3C RITTINGER DAVID	PACIFIC BELL DIRECTORY
	3E PAYNE B	PACIFIC BELL DIRECTORY
1992	1A ODIGIE B	PACIFIC BELL DIRECTORY
	1B HOTZE D	PACIFIC BELL DIRECTORY
	2A SALZMAN MITCHEL W	PACIFIC BELL DIRECTORY
1967	APARTMENTS	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	IA KLIMER BEVERLY MRS	R. L. Polk Co.
	B DOODS ELXZ F	R. L. Polk Co.
	C EBBERT GLAOYS R MRS	R. L. Polk Co.
1962	Bigelow Herbert E Mrs	Pacific Telephone
	Cardinalli Kathryn L Mrs	Pacific Telephone
	Dodds Elizabeth F	Pacific Telephone
	Glaser Blanche	Pacific Telephone
	Hyde J Stuart	Pacific Telephone
	Kreisle Alice M	Pacific Telephone
	Lubrit Jennie Mrs	Pacific Telephone
	Palmer Marjorie	Pacific Telephone
	Pressnall Pauline Mrs	Pacific Telephone
	Richardson Priscilla O	Pacific Telephone
	Riley Peter W	Pacific Telephone
	Schuller Geo L	Pacific Telephone
	Schwartz Margaret J	Pacific Telephone
	Tatch Verne	Pacific Telephone
	Trumbo Herbert E	Pacific Telephone
1950	BARTLEY IKENNETIS T R	The Pacific Telephone & Telegraph Co.
	BERG EARL M R	The Pacific Telephone & Telegraph Co.
	DAVIS FRANLC R	The Pacific Telephone & Telegraph Co.
	MAHONEY R V R	The Pacific Telephone & Telegraph Co.

440 ADAMS ST

Year	Uses	Source
1996	6 HAYNES LEON	PACIFIC BELL DIRECTORY
1992	6 HAYNES LEON	PACIFIC BELL DIRECTORY

CHETWOOD DR

463 CHETWOOD DR

Year	Uses	Source
1955	VALENZA JOHN A	The Pacific Telephone & Telegraph Co.

CHETWOOD ST

402 CHETWOOD ST

Year	Uses	Source
1950	LESLIE EDW R	The Pacific Telephone & Telegraph Co.

FINDINGS

407 CHETWOOD ST

Year	Uses	Source
1950	ABATE J SR	The Pacific Telephone & Telegraph Co.

455 CHETWOOD ST

Year	Uses	Source
1967	VACANT	R. L. Polk Co.

463 CHETWOOD ST

Year	Uses	Source
1945	WEAVER RENE R	The Pacific Telephone & Telegraph Co.
1943	WEAVER Margt r	R. L. Polk & Co.
	WEAVER O Rene Claire B coml artist h	R. L. Polk & Co.
1938	WEAVER RENE R	Pacific Telephone
1933	HEBERHALS AGNES G BKPR MARCHANT CALCULATING MACH CO R	R. L. Polk & Co.
	MURRAY ERMA BKPR VARNEY AIR SERVICE R	R. L. Polk & Co.
	PIATT ADELAIDE H	R. L. Polk & Co.
	BATAGLIA JOSEPHINE R	R. L. Polk & Co.
1928	wood Paul K Florence F ins H	R.L. Polk and Co of California
	Bradley Anna M Mrs dom	R.L. Polk and Co of California
1920	PALMER W H R	R. L. Polk & Co. of California

467 CHETWOOD ST

Year	Uses	Source
1950	CONNOR MARGARET NIX R	The Pacific Telephone & Telegraph Co.
	JACKISOLL C B SUN CREST REST HTOTIE	The Pacific Telephone & Telegraph Co.
	SUN CREST REST HOME	The Pacific Telephone & Telegraph Co.
1945	GIRARD LOUISE R	The Pacific Telephone & Telegraph Co.
1943	Bruce Laura A Mrs h	R. L. Polk & Co.
1938	LOOMIS FANNIE F R	Pacific Telephone
	BRUCE L A MRS R	Pacific Telephone
	BRUCE HOME THE	Pacific Telephone
1928	Paper Ellz P nurse R	R.L. Polk and Co of California
1920	LAYMANCE MILLARD J R	R. L. Polk & Co. of California

FINDINGS

MAC AIRTHUR BLVD

205 MAC AIRTHUR BLVD

Year	Uses	Source
1950	BURDICK C M MRS R	The Pacific Telephone & Telegraph Co.

MAC ARTHUR BLVD

55 MAC ARTHUR BLVD

Year	Uses	Source
2000	PATEL V	Pacific Bell
	BUDGET INN	Pacific Bell
1996	MOTEL 5	PACIFIC BELL DIRECTORY
	PATEL PARESH	PACIFIC BELL DIRECTORY
1992	MOTEL FIVE	PACIFIC BELL DIRECTORY

205 MAC ARTHUR BLVD

Year	Uses	Source
2000	CORNELL CORRECTIONS	Pacific Bell
1996	CORNELL CORRECTIONS	PACIFIC BELL DIRECTORY
1992	ECLECTIC COMMUNICATIONS INC	PACIFIC BELL DIRECTORY

229 MAC ARTHUR BLVD

Year	Uses	Source
2000	1E RAMIREZ JUAN SOLANO	Pacific Bell
	1A GEORGE BRADFORD O	Pacific Bell
	2E WILLIAMS RACQUEL	Pacific Bell
1996	1D OMOTADE ADEIFE	PACIFIC BELL DIRECTORY
	2G FASTHORSE FENTON JR	PACIFIC BELL DIRECTORY
1992	3E WILLIAMS SAMUEL	PACIFIC BELL DIRECTORY
	1E WILDE S	PACIFIC BELL DIRECTORY
	2G FASTHORSE FENTON JR	PACIFIC BELL DIRECTORY

MAC ARTLHUR BLVD

190 MAC ARTLHUR BLVD

Year	Uses	Source
1950	MULVIN THOMNAS B ARCHT	The Pacific Telephone & Telegraph Co.

FINDINGS

MAC ARTLMIMR BLVD

190 MAC ARTLMIMR BLVD

Year	Uses	Source
1950	OAKLAND ATUDIT BUREAUM	The Pacific Telephone & Telegraph Co.

MACARTHUR BLVD

150 MACARTHUR BLVD

Year	Uses	Source
1967	PARR CAROL L	R. L. Polk Co.

160 MACARTHUR BLVD

Year	Uses	Source
1967	SIEBE LOUISE M	R. L. Polk Co.

164 MACARTHUR BLVD

Year	Uses	Source
1967	MULHERN MICHL	R. L. Polk Co.

165 MACARTHUR BLVD

Year	Uses	Source
2006	BARRACUDA AQTCS	Haines Company, Inc.
	M OAKLD	Haines Company, Inc.
	SWM TM	Haines Company, Inc.

168 MACARTHUR BLVD

Year	Uses	Source
1950	PETRUZZELLI ANGELO R	The Pacific Telephone & Telegraph Co.

172 MACARTHUR BLVD

Year	Uses	Source
1967	SJEKLOCHA ILLIA 652 S	R. L. Polk Co.
1945	MCKAY FRED R	The Pacific Telephone & Telegraph Co.

176 MACARTHUR BLVD

Year	Uses	Source
1967	CHAPPELL MARION H	R. L. Polk Co.
1945	WILLIAMS J MRS R	The Pacific Telephone & Telegraph Co.

FINDINGS

179 MACARTHUR BLVD

Year	Uses	Source
1945	YOUNG CLAIRE L R	The Pacific Telephone & Telegraph Co.

180 MACARTHUR BLVD

Year	Uses	Source
1967	WILLIAMS THOMAS R	R. L. Polk Co.
1955	WEDGWOOD BERTHA E R	The Pacific Telephone & Telegraph Co.
1950	WEDGWOOD BERTHA E R	The Pacific Telephone & Telegraph Co.
1945	WEDGWOOD BERTHA E R	The Pacific Telephone & Telegraph Co.
	WILLIAMS T R R	The Pacific Telephone & Telegraph Co.
1943	Wedgwood Bertha E Mrs sec Wm Mills h	R. L. Polk & Co.

182 MACARTHUR BLVD

Year	Uses	Source
1955	MORROW H T	The Pacific Telephone & Telegraph Co.
1950	KERN H L R	The Pacific Telephone & Telegraph Co.
1945	FLOYD GEORGE E R	The Pacific Telephone & Telegraph Co.
1943	Floyd Geo driver h	R. L. Polk & Co.
	Alcalde Herman Anna mech h	R. L. Polk & Co.

183 MACARTHUR BLVD

Year	Uses	Source
1945	MOONEY MARCIA V R	The Pacific Telephone & Telegraph Co.

184 MACARTHUR BLVD

Year	Uses	Source
1967	BOND SELMA E	R. L. Polk Co.
	TOWNSLEY FORREST J	R. L. Polk Co.
1955	ENTRIKEN F H MRS R	The Pacific Telephone & Telegraph Co.
1950	ENTRIENI F H MRS R	The Pacific Telephone & Telegraph Co.
1945	ENTRIKEN F H MRS R	The Pacific Telephone & Telegraph Co.
1943	Entriken Geo A mech r	R. L. Polk & Co.
	Entriken Clara J wid F H h	R. L. Polk & Co.

185 MACARTHUR BLVD

Year	Uses	Source
1945	DENNIS DE VEAR L R	The Pacific Telephone & Telegraph Co.

FINDINGS

188 MACARTHUR BLVD

Year	Uses	Source
1967	RADEBAUGH GLADYS MRS	R. L. Polk Co.
	COOKE OLGA H MRS	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	PAISE ROSALIE MRS	R. L. Polk Co.

189 MACARTHUR BLVD

Year	Uses	Source
1945	CARGILL OTTO R	The Pacific Telephone & Telegraph Co.

190 MACARTHUR BLVD

Year	Uses	Source
1962	Swanstrom & Stahl	Pacific Telephone
1955	MORRISON C G RAINIER CONST CO	The Pacific Telephone & Telegraph Co.
	MORRISON DEAN RAINIER CONSTRUCTION CO	The Pacific Telephone & Telegraph Co.
	MORRISON HUNTER H RAINIER CONST CO	The Pacific Telephone & Telegraph Co.
	OLYMPUS DEVELOPMENT CORP	The Pacific Telephone & Telegraph Co.
	PATTERSON E A	The Pacific Telephone & Telegraph Co.
	PLAST-O COAT FRANCHISES	The Pacific Telephone & Telegraph Co.
	RAINIER CONSTRUCTION CO	The Pacific Telephone & Telegraph Co.
	REHFELD ROBT C REHFELD & WOLKENHAUER CPA	The Pacific Telephone & Telegraph Co.
	REHFELD & WOLKENHAUER CPA	The Pacific Telephone & Telegraph Co.
	ROBSON CONSTRUCTION CO	The Pacific Telephone & Telegraph Co.
	ROOFING CONTRACTORS ASSN OF CALIF	The Pacific Telephone & Telegraph Co.
	SANTA CRUZ PORTLAND CEMENT CO	The Pacific Telephone & Telegraph Co.
	SCHULTZ GEO B	The Pacific Telephone & Telegraph Co.
	SEWALL JAY PLAST-O COAT FRANCHISES	The Pacific Telephone & Telegraph Co.
	SOVIG CONRAD B CO CEMNT WATRPRFNG	The Pacific Telephone & Telegraph Co.
	STEPHENSON AIR BRUSH PAINT CO	The Pacific Telephone & Telegraph Co.
	SWANSTROM & STAHI	The Pacific Telephone & Telegraph Co.
	WOLKENHAUER FRED W REHFELD & WOLKENHAUER CPA	The Pacific Telephone & Telegraph Co.
	ZINSCO ELECTRICAL PRODUCTS	The Pacific Telephone & Telegraph Co.
	ADAM DEVELOPMENT CORP	The Pacific Telephone & Telegraph Co.
	AGATE REALTY CORP	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1955	AIRTHERM MANUFACTURING CO WEST COAST OFFICE	The Pacific Telephone & Telegraph Co.
	ASSOCIATED ROOFING CONTRACTORS OF THE BAY AREA COUNTIES INC	The Pacific Telephone & Telegraph Co.
	BUILDERS EXCHANGE	The Pacific Telephone & Telegraph Co.
	C & R PLASTERING INC	The Pacific Telephone & Telegraph Co.
	CALAVERAS CEMENT CO	The Pacific Telephone & Telegraph Co.
	CALIF STATE OF	The Pacific Telephone & Telegraph Co.
	CELOTEX CORP	The Pacific Telephone & Telegraph Co.
	CELOTEX-ELREY	The Pacific Telephone & Telegraph Co.
	ECONOMY FORMS CORP	The Pacific Telephone & Telegraph Co.
	ENGINEERS ASSOCIATED	The Pacific Telephone & Telegraph Co.
	ENGINEERS ASSOCIATED	The Pacific Telephone & Telegraph Co.
	FIBERGLAS ENGINEERING & SUPPLY DIVISION OWENS CORNING FIBERGLAS CORP	The Pacific Telephone & Telegraph Co.
	GENERAL CONTRACTORS & BUILDERS ASSOC OF THE EAST BAY	The Pacific Telephone & Telegraph Co.
	HUNDLEY E M HARDWARE CO	The Pacific Telephone & Telegraph Co.
	HUNTLEY BOYD E	The Pacific Telephone & Telegraph Co.
	LAND JAS D SR ZINSCO ELECTRL PRODS	The Pacific Telephone & Telegraph Co.
	LYNN S WINDOW COVERING SERVICE	The Pacific Telephone & Telegraph Co.
	MCBEE COMPANY THE	The Pacific Telephone & Telegraph Co.
	MORRIS J S CO PAINTING CONTR	The Pacific Telephone & Telegraph Co.
	MORRISON BUILDERS INC	The Pacific Telephone & Telegraph Co.
1950	BAY CITY FUEL OIL CO	The Pacific Telephone & Telegraph Co.
	BROWN GEO J NEW CONSTRUCTION CLEAN UP SERVICE CO	The Pacific Telephone & Telegraph Co.
	BUILDERS EXCHANGE	The Pacific Telephone & Telegraph Co.
	C & R PLASTERING INC	The Pacific Telephone & Telegraph Co.
	CALAVCRAS CEMESIT CO	The Pacific Telephone & Telegraph Co.
	ELECTRIC AGENCIES	The Pacific Telephone & Telegraph Co.
	FLAHERTY FRANCIS E	The Pacific Telephone & Telegraph Co.
	FOSTER WILLIS	The Pacific Telephone & Telegraph Co.
	GENERAL CONTRACTORS & BUILDERS ASSOC OF THE EAST BAY	The Pacific Telephone & Telegraph Co.
	HANCOCK CONSTRUCTION CO	The Pacific Telephone & Telegraph Co.
	HINTLEY BOYD E	The Pacific Telephone & Telegraph Co.
	MIELGAARD T L OAKLAND AUDIT BUREAU	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1950	MIOREIS J S CO PAINTING CONTR	The Pacific Telephone & Telegraph Co.
	MORRISON DEAN RAINIER CONSTRUCTION CO	The Pacific Telephone & Telegraph Co.
	NEW CONSTRUCTION CLEAN UP SERVICE CO	The Pacific Telephone & Telegraph Co.
	ORR FRANK B INS	The Pacific Telephone & Telegraph Co.
	PAINTERS & DECORATORS JOINT COMMITTEE OF ALA CO INC	The Pacific Telephone & Telegraph Co.
	PAINTING & DECORATING APPRENTICESHIP COMMITTEE OF ALAMEDA COUNTY	The Pacific Telephone & Telegraph Co.
	PAINTING & DECORATING CONTRACTORS ASSN OF ALA CO INC	The Pacific Telephone & Telegraph Co.
	PLAST OCOAT FRANCHISES	The Pacific Telephone & Telegraph Co.
	POULTSN & ORR INS	The Pacific Telephone & Telegraph Co.
	RAHLVES & RAHLVES	The Pacific Telephone & Telegraph Co.
	RAINIIER CONSTRUCTION CO	The Pacific Telephone & Telegraph Co.
	REX FLOOR CO	The Pacific Telephone & Telegraph Co.
	ROBERITSON WEATHER STRIP CO	The Pacific Telephone & Telegraph Co.
	ROOFING CONTRACTORS ASSN OF CALIF	The Pacific Telephone & Telegraph Co.
	SAFETY INCINERATOR CO INC	The Pacific Telephone & Telegraph Co.
	SANTA CRUZ PORTLAND CEMENT CO	The Pacific Telephone & Telegraph Co.
	SEWALL JAY PLAST OCOAT FRANCHISES	The Pacific Telephone & Telegraph Co.
	SOVIG CONRAD B CO CEMNT WATRPRFNG	The Pacific Telephone & Telegraph Co.
	STEPHENSON AIR BRUSH PAINTING CO OFC	The Pacific Telephone & Telegraph Co.
	STEPHENSON AIR BRUSH PAINTING CO	The Pacific Telephone & Telegraph Co.
	WILLIANS IM & SONS INC PAINTNG	The Pacific Telephone & Telegraph Co.

191 MACARTHUR BLVD

Year	Uses	Source
1945	THOMPSON HERBERT M R	The Pacific Telephone & Telegraph Co.

193 MACARTHUR BLVD

Year	Uses	Source
1945	MCMULLEN LOUIS M R	The Pacific Telephone & Telegraph Co.
1943	Mc Mullen Louis h	R. L. Polk & Co.

FINDINGS

201 MACARTHUR BLVD

Year	Uses	Source
1986	Hunter Alberta	PACIFIC BELL WHITE PAGES
1970	GENE S DRUG STORE SAN LEANDRO	Pacific Telephone Directory
1967	JUDD CAROLYN	R. L. Polk Co.
	BERRYHILL JANET B	R. L. Polk Co.
	PETERSON JOHN P	R. L. Polk Co.
1955	GENE S DRUG STORE SAN LEANDRO	The Pacific Telephone & Telegraph Co.

202 MACARTHUR BLVD

Year	Uses	Source
1967	BROSSARD BENJ	R. L. Polk Co.
	PEARCE TERRY	R. L. Polk Co.
	VACANT	R. L. Polk Co.

203 MACARTHUR BLVD

Year	Uses	Source
1986	Tinas Coiffures Of Elegance	PACIFIC BELL WHITE PAGES
	Tincher E	PACIFIC BELL WHITE PAGES
1970	COIFFURES OF ELEGANCE SAN LEANDRO	Pacific Telephone Directory
1967	GILLESPIE CAROLEE A	R. L. Polk Co.
	MARKUS DOROTHY	R. L. Polk Co.
	SMITHSON PICHD	R. L. Polk Co.
	HOERNER LINDA G	R. L. Polk Co.
	LIGON F W JR	R. L. Polk Co.
	SEYMOUR HORATIO	R. L. Polk Co.
	OSBORN LANKFORD	R. L. Polk Co.
	VACANT APTS	R. L. Polk Co.
1945	GENE S DRUG STORE SAN LEANDRO	The Pacific Telephone & Telegraph Co.
	HARRISON FAYE R	The Pacific Telephone & Telegraph Co.

204 MACARTHUR BLVD

Year	Uses	Source
1967	PANGBURN G E	R. L. Polk Co.
	FARRANGTON MARY	R. L. Polk Co.
	SCHAMP ROGER G	R. L. Polk Co.

205 MACARTHUR BLVD

Year	Uses	Source
2013	CORNELL CORRECTIONS	Cole Information Services

FINDINGS

Year	Uses	Source
2008	CORNELL CO INC	Cole Information Services
2006	CORRECTIONS	Haines Company, Inc.
	CORNELL	Haines Company, Inc.
1991	Eclectic Communications Inc	PACIFIC BELL WHITE PAGES
1986	Eclectic Communications Inc	PACIFIC BELL WHITE PAGES
1980	Bureau Of Prisons Oakland Community Treatment Center	Pacific Telephone
1970	UNITED STATES GOVERNMENT	Pacific Telephone Directory
1967	BRINDLEY LEF J	R. L. Polk Co.
	MAYERS G C	R. L. Polk Co.
	MILLER R V	R. L. Polk Co.
	GAICH GLADYS MRS	R. L. Polk Co.
	HILLTOP HOUSE BOARDING	R. L. Polk Co.
1962	Hilltop House	Pacific Telephone
1955	NICKERSON MARGARET MRS	The Pacific Telephone & Telegraph Co.
	DOLORES DANCE STUDIO SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	WHITE C E HARVEY R	The Pacific Telephone & Telegraph Co.
1945	WHITE C E HARVEY R	The Pacific Telephone & Telegraph Co.
	BURDICK C M MRS R	The Pacific Telephone & Telegraph Co.
1943	Burdick Caroline M wid G H h	R. L. Polk & Co.
	Canning Margt H wid T J h	R. L. Polk & Co.
	Gee Frank hsboy r	R. L. Polk & Co.
	White Claude E Alice E yarns r	R. L. Polk & Co.

206 MACARTHUR BLVD

Year	Uses	Source
1967	WESTLAKE DONALD W	R. L. Polk Co.
	GRUSS RAYMOND	R. L. Polk Co.
	ABBOTT H T	R. L. Polk Co.

207 MACARTHUR BLVD

Year	Uses	Source
1986	Hunt Gary United Brokers Real Estate & Investments	PACIFIC BELL WHITE PAGES
1982	UNITED BROKERS REAL ESTATE & INVESTMENTS SAN LEANDRO	Pacific Telephone
1970	UNITED BROKERS REAL ESTATE & INVESTMENTS SAN LEANDRO	Pacific Telephone Directory
	HUNT L E UNITED BROKERS REAL ESTATE & INVESTMENTS SAN LEANDRO	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	STATE & FEDERAL COMPUTERIZED INCOME TAX SERVICE SAN LEANDRO	Pacific Telephone Directory
1967	BLACKBURN WANDA MRS	R. L. Polk Co.
	GOODSON PICHO P	R. L. Polk Co.
	STEWART DIANE H MRS	R. L. Polk Co.
	LUCAS M R III	R. L. Polk Co.
1955	SCOTT S MARKET SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1945	CAMPBELL S MEAT MARKET SAN LEANDRO	The Pacific Telephone & Telegraph Co.
	PLETTE H J R	The Pacific Telephone & Telegraph Co.

208 MACARTHUR BLVD

Year	Uses	Source
1967	SIMPSON BEULAH M MRS	R. L. Polk Co.
	KENNEDY F S	R. L. Polk Co.

209 MACARTHUR BLVD

Year	Uses	Source
2013	TEMPLE MARY	Cole Information Services
1970	GALLAGHER S WINDOW DECOR SAN LEANDRO	Pacific Telephone Directory
	AMET ALBERT F GALLAGHER S WINDOW DECOR SAN LEANDRO	Pacific Telephone Directory
1967	SHUMAKER A F	R. L. Polk Co.
	KOEPER RALPH W	R. L. Polk Co.
1955	HOLLYWOOD BAKERY SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	HOLLYWOOD BAKERY	The Pacific Telephone & Telegraph Co.
1945	HOLLYWOOD BAKERY SAN LEANDRO	The Pacific Telephone & Telegraph Co.

210 MACARTHUR BLVD

Year	Uses	Source
1967	SNEARY D H	R. L. Polk Co.
	RISLING WESLEY	R. L. Polk Co.

211 MACARTHUR BLVD

Year	Uses	Source
1967	NEWMAN LOUISE N MRS	R. L. Polk Co.
	COUNSELOR	R. L. Polk Co.
	LEMCO ENTERPRISE THE JOB	R. L. Polk Co.
	PAYNE J M	R. L. Polk Co.

FINDINGS

212 MACARTHUR BLVD

Year	Uses	Source
1967	STEVEN $ T	R. L. Polk Co.
	SIMPSON MELVIN	R. L. Polk Co.

214 MACARTHUR BLVD

Year	Uses	Source
1967	RASMUSSEN ANNA K	R. L. Polk Co.

215 MACARTHUR BLVD

Year	Uses	Source
1980	Magee B B	Pacific Telephone
	Motawa Abdullah Al	Pacific Telephone
	King Milton	Pacific Telephone
	Gibran Mychal K	Pacific Telephone
1967	KANOMATA ANNE	R. L. Polk Co.
1955	SARVEY SHOE SERVICE SAN LEANDRO	The Pacific Telephone & Telegraph Co.
	SPROULL RAYMOND D SARVEY SHOE SERVICE SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	SPROULL RAYMOND D SARVEY SHOE SERVICE	The Pacific Telephone & Telegraph Co.
	SARVEY SHOE SERVICE	The Pacific Telephone & Telegraph Co.

216 MACARTHUR BLVD

Year	Uses	Source
1967	VACANT	R. L. Polk Co.

217 MACARTHUR BLVD

Year	Uses	Source
1975	CENTURY	Pacific Telephone
1967	STEINBERG S B	R. L. Polk Co.

221 MACARTHUR BLVD

Year	Uses	Source
1967	NO RETURN	R. L. Polk Co.

225 MACARTHUR BLVD

Year	Uses	Source
1970	LEROY S MEAT MKT SAN LEANDRO	Pacific Telephone Directory
1955	HANSEN HARDWARE & ELECTRIC SAN LEANDRO	The Pacific Telephone & Telegraph Co.

FINDINGS

229 MACARTHUR BLVD

Year	Uses	Source
2006	APARTMENTS	Haines Company, Inc.
	F BORIMAYavine	Haines Company, Inc.
	KWONTae Woo	Haines Company, Inc.
	B PRATTr Kis One	Haines Company, Inc.
	WATKINS I Omberly	Haines Company, Inc.
	WILLIAMS Clan a	Haines Company, Inc.
	A WILLIAMS Cynthia	Haines Company, Inc.
1991	Randetl Anthony	PACIFIC BELL WHITE PAGES
	Tinnirello Christine	PACIFIC BELL WHITE PAGES
1986	Austin M	PACIFIC BELL WHITE PAGES
	Austin M A	PACIFIC BELL WHITE PAGES
	Conversano Brad	PACIFIC BELL WHITE PAGES
	Cook Keith E	PACIFIC BELL WHITE PAGES
	Cook Kin& Lin	PACIFIC BELL WHITE PAGES
	Cook L	PACIFIC BELL WHITE PAGES
	Droegemueller Karin	PACIFIC BELL WHITE PAGES
	Hill Anthony	PACIFIC BELL WHITE PAGES
	Hoffman Fred	PACIFIC BELL WHITE PAGES
	Hoffman Frederick C	PACIFIC BELL WHITE PAGES
	Johnson Pierre	PACIFIC BELL WHITE PAGES
	Kitchens Rich E	PACIFIC BELL WHITE PAGES
	Packenham Robt	PACIFIC BELL WHITE PAGES
	Tucker Stevens P	PACIFIC BELL WHITE PAGES
1980	Wright B L	Pacific Telephone
	Blank Jerome	Pacific Telephone
	Gasta Chas	Pacific Telephone
	Hollmon S	Pacific Telephone
	Lewis Jr Joel	Pacific Telephone
	Morgan Rene	Pacific Telephone
	Nakahara A T	Pacific Telephone
	Neal R O	Pacific Telephone
	Secrease Luther	Pacific Telephone
	Sneed J	Pacific Telephone
	Thompson J	Pacific Telephone
1975	JARAMILLO LOA	Pacific Telephone
1970	BEAN SOPHY	Pacific Telephone Directory
	DELMAS SCOTT	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	FARRINGTON D	Pacific Telephone Directory
	GIBB R C	Pacific Telephone Directory
	HELLER JACK	Pacific Telephone Directory
	IMBURGIA L C	Pacific Telephone Directory
	JENNER F T MRS	Pacific Telephone Directory
	KINDIG JESSIE MRS	Pacific Telephone Directory
	LAFLIN E K	Pacific Telephone Directory
	LEESON ALAN M	Pacific Telephone Directory
	LONG W L	Pacific Telephone Directory
	RICHARDSON S	Pacific Telephone Directory
	SCHLACHTA SIEGFRIED	Pacific Telephone Directory
	WACHTER F A	Pacific Telephone Directory
	WRIGHT B L	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	IA WACHTER FRED	R. L. Polk Co.
	B SKINNER HERMAN	R. L. Polk Co.
	C BEAN SOPHY 0 MRS	R. L. Polk Co.
	1D VOGEL CAROL A MOS	R. L. Polk Co.
	E MORRIS L L	R. L. Polk Co.
	IF FROEHLICH PFRLE D MRS	R. L. Polk Co.
	G FELDMAN CHARLES	R. L. Polk Co.
	H JENNER ELIZ 0 MRS	R. L. Polk Co.
	A WOOD DAVID	R. L. Polk Co.
	B GUILES C C	R. L. Polk Co.
	C MITCHELL FRANCES A MRS	R. L. Polk Co.
	2D VOGEL MARY J	R. L. Polk Co.
	E NORDBY PAULA J	R. L. Polk Co.
	F MANN JOHN	R. L. Polk Co.
	G MARKHAM GLADYS C MRS	R. L. Polk Co.
	H COLE MABEL	R. L. Polk Co.
	A SOLBERG LAWRENCE	R. L. Polk Co.
	B WRIGHT BEATRICE L	R. L. Polk Co.
	C IMBURGIA LUCY C	R. L. Polk Co.
	3D TISSERAT FLORENCE	R. L. Polk Co.
	E SHAW D H	R. L. Polk Co.
	F MC CALL JAMES R	R. L. Polk Co.
	G DOWNEN BARBARA H MRS	R. L. Polk Co.
	H LEWIS MARY MRS	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1962	Allen H B	Pacific Telephone
	Bapst Janice	Pacific Telephone
	Bowman C R Bud	Pacific Telephone
	Davis Glenda	Pacific Telephone
	Davis Tony	Pacific Telephone
	Dickey David C	Pacific Telephone
	Di Maggio Vince	Pacific Telephone
	Feldman Chas	Pacific Telephone
	Froehlich David E Mrs	Pacific Telephone
	Genova Peter J	Pacific Telephone
	Hart Frank J Mrs	Pacific Telephone
	Hart Ramona G Mrs	Pacific Telephone
	Imburgia Lucy	Pacific Telephone
	Ingram Emma Jean	Pacific Telephone
	Jaspar Richard	Pacific Telephone
	Jenner F T Mrs	Pacific Telephone
	OConner Ardean	Pacific Telephone
	Oldham Claude S	Pacific Telephone
	Oldham Elaine	Pacific Telephone
	Ryan Leo J	Pacific Telephone
	Thompson Glenn S	Pacific Telephone
	Tisserat Florence	Pacific Telephone
	Wachter F A	Pacific Telephone
	Walczak Betty	Pacific Telephone
	Walczak Jas	Pacific Telephone
	Welsh Jos	Pacific Telephone
	Wright B L r	Pacific Telephone
1955	ACQUAVIVA MARY T	The Pacific Telephone & Telegraph Co.
	ALLEN H B	The Pacific Telephone & Telegraph Co.
	BENSINGER J E	The Pacific Telephone & Telegraph Co.
	BOOTH JAS WEBB	The Pacific Telephone & Telegraph Co.
	GALLAGHER A J	The Pacific Telephone & Telegraph Co.
	GARDINER THOS M	The Pacific Telephone & Telegraph Co.
	HOWARD JACK E	The Pacific Telephone & Telegraph Co.
	IMBURGIA LUCY R	The Pacific Telephone & Telegraph Co.
	JONES DON W	The Pacific Telephone & Telegraph Co.
	MACARTHUR APARTMENTS	The Pacific Telephone & Telegraph Co.
	MAXWELL JUNE	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1955	NOLTE ALETA G	The Pacific Telephone & Telegraph Co.
	PRESTON WM N R	The Pacific Telephone & Telegraph Co.
	SCHMID EUGENE H	The Pacific Telephone & Telegraph Co.
	SMITH ELVERA WOLLITZ MRS	The Pacific Telephone & Telegraph Co.
	SPITZER ROSE R	The Pacific Telephone & Telegraph Co.
	TISSERAT FLORENCE	The Pacific Telephone & Telegraph Co.
	TOLL GLADYS R	The Pacific Telephone & Telegraph Co.
	WAHL ARTHUR J	The Pacific Telephone & Telegraph Co.
	WIRTHLIN M R	The Pacific Telephone & Telegraph Co.
	WRIGHT B L R	The Pacific Telephone & Telegraph Co.
1950	BARTHOLOMEW EDW R	The Pacific Telephone & Telegraph Co.
	BRIGHAM PEGGY R	The Pacific Telephone & Telegraph Co.
	ELLWEIN ARTHUR A R	The Pacific Telephone & Telegraph Co.
	GOLDEN HAROLD D R	The Pacific Telephone & Telegraph Co.
	HARMON WARREN A R	The Pacific Telephone & Telegraph Co.
	HARTMAN JACK H R	The Pacific Telephone & Telegraph Co.
	HERTZ MARTIN R	The Pacific Telephone & Telegraph Co.
	LYON HARVEY B JR R	The Pacific Telephone & Telegraph Co.
	MIAC LAREN J S R	The Pacific Telephone & Telegraph Co.
	PEDERSEN LLOYD S R	The Pacific Telephone & Telegraph Co.
	PRESTON WM N R	The Pacific Telephone & Telegraph Co.
	SLEPPAIRD GERALD SCOTT R	The Pacific Telephone & Telegraph Co.
	SPENCER FRANK A MD NFC	The Pacific Telephone & Telegraph Co.
	VAUGHN MADELINE R	The Pacific Telephone & Telegraph Co.
	VON SABO THEO J R	The Pacific Telephone & Telegraph Co.
	WRIGHT B L R	The Pacific Telephone & Telegraph Co.

237 MACARTHUR BLVD

Year	Uses	Source
1945	TOWNSEND CAROL M R	The Pacific Telephone & Telegraph Co.
1943	Townsend Carol M Mary pntr h	R. L. Polk & Co.
	Irving John carp h	R. L. Polk & Co.
	Terrill Vernon Genevieve welder h	R. L. Polk & Co.
	Townsend Guy E mech r	R. L. Polk & Co.
	Townsend Richd A USN r	R. L. Polk & Co.

239 MACARTHUR BLVD

Year	Uses	Source
1950	REPAIR SERVICE UNLIMITED	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1945	FREED ROY R	The Pacific Telephone & Telegraph Co.

245 MACARTHUR BLVD

Year	Uses	Source
1950	MUD HUT THE	The Pacific Telephone & Telegraph Co.

300 MACARTHUR BLVD

Year	Uses	Source
1967	VOYAGER LIFE INSURANCE CO	R. L. Polk Co.

310 MACARTHUR BLVD

Year	Uses	Source
1967	CLAIROL INC FOOD MKTG DIV	R. L. Polk Co.

602 MACARTHUR BLVD

Year	Uses	Source
1950	BACHER PAUL R	The Pacific Telephone & Telegraph Co.

604 MACARTHUR BLVD

Year	Uses	Source
1970	PANCAKE PARADE RESTAURANT JERRY S SAN LEANDRO	Pacific Telephone Directory
	JERRY S PANCAKE PARADE RESTAURANT SAN LEANDRO	Pacific Telephone Directory
1955	BOGGS GEO R	The Pacific Telephone & Telegraph Co.
1945	ANGELUS LOUIS PAVNG CONTR SAN LEANDRO	The Pacific Telephone & Telegraph Co.
	MORGAN WALES D R	The Pacific Telephone & Telegraph Co.
1943	Morgan Wales D Emma F h	R. L. Polk & Co.
	Morgan W Dudley clk r	R. L. Polk & Co.

606 MACARTHUR BLVD

Year	Uses	Source
1950	DAVIS FRANCIS A R	The Pacific Telephone & Telegraph Co.
1945	ROWE ELIZABETH R MISS R	The Pacific Telephone & Telegraph Co.
	SEE ROY W R	The Pacific Telephone & Telegraph Co.

608 MACARTHUR BLVD

Year	Uses	Source
1955	COMBS R C	The Pacific Telephone & Telegraph Co.
	FABRY MARY E	The Pacific Telephone & Telegraph Co.
	HANSEN MARGARET P	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1955	KERR WM J R	The Pacific Telephone & Telegraph Co.
	MEAD GRACE MRS	The Pacific Telephone & Telegraph Co.
	MONAHAN ROBINA	The Pacific Telephone & Telegraph Co.
	MURPHY BABE LOUISE	The Pacific Telephone & Telegraph Co.
	PRENTISS MABEL	The Pacific Telephone & Telegraph Co.
	WILLIAMS JACK O	The Pacific Telephone & Telegraph Co.
1950	DI INWIDDIE VERNE M R	The Pacific Telephone & Telegraph Co.
	FBRIZIO MEAD R	The Pacific Telephone & Telegraph Co.
	GRAVER LUTHER R	The Pacific Telephone & Telegraph Co.
	MEISENHEIMER WM E R	The Pacific Telephone & Telegraph Co.
	PALMER W W MRS R	The Pacific Telephone & Telegraph Co.
	PEARSON E W R	The Pacific Telephone & Telegraph Co.
	ROSS BETTY R	The Pacific Telephone & Telegraph Co.
	SILVERTHORN ANNE R	The Pacific Telephone & Telegraph Co.
	TALLMN FRANK D R	The Pacific Telephone & Telegraph Co.
1945	DICE ERNEST G R	The Pacific Telephone & Telegraph Co.
	DINWIDDIE VERNE M R	The Pacific Telephone & Telegraph Co.
	FABRY L H R	The Pacific Telephone & Telegraph Co.
	MEISENHEIMER WM E R	The Pacific Telephone & Telegraph Co.
	MONTGOMERY HELEN TAYLOR MRS R	The Pacific Telephone & Telegraph Co.
	PALMER W W MRS R	The Pacific Telephone & Telegraph Co.
	ROSS BETTY R	The Pacific Telephone & Telegraph Co.
	SWANSON STANFORD R	The Pacific Telephone & Telegraph Co.
	SWANTON H S JR R	The Pacific Telephone & Telegraph Co.
	TALLMAN FRANK D R	The Pacific Telephone & Telegraph Co.
	TAYLOR FRANK J MRS R	The Pacific Telephone & Telegraph Co.
1943	Curshen Abr L Freda slsmn h	R. L. Polk & Co.
	Curshen Freda S Mrs slswn W A Radford r	R. L. Polk & Co.
	Dice Ernest G slsmn h	R. L. Polk & Co.
	Dinwiddie Vernon M Alice pharm h	R. L. Polk & Co.
	Fabry Leo H Lucy clk Oakland City Treas h	R. L. Polk & Co.
	Fabry Patk M fctywkr r	R. L. Polk & Co.
	Lakefield Apartments	R. L. Polk & Co.
	Locicero Eva wid P J mgr Lakefield Apts h	R. L. Polk & Co.
	Mobley Gertrude Mrs clk h	R. L. Polk & Co.
	Mobley Wm G slsmn r	R. L. Polk & Co.
	Montgomery Helen T Mrs r	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1943	Palmer Wm W Mildred clk h	R. L. Polk & Co.
	Swanson Stanford Claire slsmn W P Fuller & Co h	R. L. Polk & Co.
	Swanton Herbt S jr June L clk h	R. L. Polk & Co.
	TALLMAN Frank D Mary slsmn h	R. L. Polk & Co.
	Taylor Frank J Mrs h	R. L. Polk & Co.

612 MACARTHUR BLVD

Year	Uses	Source
1945	EARSMAN E J MRS R	The Pacific Telephone & Telegraph Co.
	FISHER ETHEL MARIE R	The Pacific Telephone & Telegraph Co.
	FRANDRUP JULIANA R	The Pacific Telephone & Telegraph Co.
	SPEAKMAN A R	The Pacific Telephone & Telegraph Co.

614 MACARTHUR BLVD

Year	Uses	Source
1955	FELDHAUS WELDING SHOP SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1945	HARRIS WELDING SHOP SAN LEANDRO	The Pacific Telephone & Telegraph Co.

618 MACARTHUR BLVD

Year	Uses	Source
1991	Hasans Islamic Food	PACIFIC BELL WHITE PAGES
1955	BEERY D J	The Pacific Telephone & Telegraph Co.
	CENCINI E	The Pacific Telephone & Telegraph Co.
	CLANCY GERTRUDE MRS	The Pacific Telephone & Telegraph Co.
	DEAKIN PHYLLIS	The Pacific Telephone & Telegraph Co.
	GORDON FLORENCE E	The Pacific Telephone & Telegraph Co.
	HARRIS LILLIAN	The Pacific Telephone & Telegraph Co.
	HERLICH JOS	The Pacific Telephone & Telegraph Co.
	HOLCOMB GILDA B MRS	The Pacific Telephone & Telegraph Co.
	LEVY LOUIS Z R	The Pacific Telephone & Telegraph Co.
	LOMAX C B	The Pacific Telephone & Telegraph Co.
	RUTLEY HAROLD BYRON R	The Pacific Telephone & Telegraph Co.
1950	ABSHISE DON L R	The Pacific Telephone & Telegraph Co.
	DEIP THERESA MRS R	The Pacific Telephone & Telegraph Co.
	GARCIA FREDA M R	The Pacific Telephone & Telegraph Co.
	HARDY STANLEY S MRS R	The Pacific Telephone & Telegraph Co.
	KANES WM J R	The Pacific Telephone & Telegraph Co.
	LEVY LOUIS Z R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1950	RU LTLEY HAROLD BYRON R	The Pacific Telephone & Telegraph Co.
	SITES PHILIP PAINITNG	The Pacific Telephone & Telegraph Co.
	VALIMN CAROLINE R	The Pacific Telephone & Telegraph Co.
1945	GARCIA FREDA M R	The Pacific Telephone & Telegraph Co.
	HAMMOND H H R	The Pacific Telephone & Telegraph Co.
	GLATT ANN MRS R	The Pacific Telephone & Telegraph Co.
	DAVIES T E R	The Pacific Telephone & Telegraph Co.
	HOWARD BRICE H R	The Pacific Telephone & Telegraph Co.
	KASSERMAN HOMER MAJ R	The Pacific Telephone & Telegraph Co.
	KIRSNER MORRIS H MAJ R	The Pacific Telephone & Telegraph Co.
	KRUG CLARENCE P R	The Pacific Telephone & Telegraph Co.
	LEWIS K D R	The Pacific Telephone & Telegraph Co.
	REED JACKSON M R	The Pacific Telephone & Telegraph Co.
1943	Excelsior Manor Apartments	R. L. Polk & Co.
	Garcia Frieda M Mrs elev opr h	R. L. Polk & Co.
	Golding Estelle sten r	R. L. Polk & Co.
	Golding John slsmn h	R. L. Polk & Co.
	Hammond Harry H Mary h	R. L. Polk & Co.
	Houpt Fred H Emily h	R. L. Polk & Co.
	HOWARD Betty clk r	R. L. Polk & Co.
	HOWARD Brice H Mary dockwkr h	R. L. Polk & Co.
	Reed Jackson M Eula clk h	R. L. Polk & Co.
	Runge Robt L Edna frt traff agt WPRRCo h	R. L. Polk & Co.
	Simon Saml B Susie h	R. L. Polk & Co.

205A MACARTHUR BLVD

Year	Uses	Source
1945	BORGETTI MARTIN GROCERY	The Pacific Telephone & Telegraph Co.

602A MACARTHUR BLVD

Year	Uses	Source
1955	TALBERT & MOORE PLUMBING & HEATING CO SAN LEANDRO	The Pacific Telephone & Telegraph Co.

182 1/2 MACARTHUR BLVD

Year	Uses	Source
1955	PRINCE JAS E	The Pacific Telephone & Telegraph Co.

FINDINGS

MACARTHUR FWY

190 MACARTHUR FWY

Year	Uses	Source
1950	KIRBY DONALD BEACH ARCHFS	The Pacific Telephone & Telegraph Co.

MEAK AVE

51 MEAK AVE

Year	Uses	Source
1979	HINDLE REED	Pacific Telephone

MEEK AVE

35 MEEK AVE

Year	Uses	Source
1976	MERRITT JOHN C B	R. L. Polk & Co.

40 MEEK AVE

Year	Uses	Source
1965	GOVEA JOHN R S	R. L. Polk & Co.

42 MEEK AVE

Year	Uses	Source
1960	ARZATE E	Pacific Telephone

45 MEEK AVE

Year	Uses	Source
1965	WARREN J E	R. L. Polk & Co.

51 MEEK AVE

Year	Uses	Source
1965	ASH ROBERTA	R. L. Polk & Co.

54 MEEK AVE

Year	Uses	Source
1979	CORDOVA OFELIA	Pacific Telephone

FINDINGS

MIAC ARTHUR BLVD

190 MIAC ARTHUR BLVD

Year	Uses	Source
1950	CONTRACTORS LICENSE BOARD	The Pacific Telephone & Telegraph Co.

MIAC ARTIRUR BLVD

190 MIAC ARTIRUR BLVD

Year	Uses	Source
1950	SAN JOSE STEEL CO LNC	The Pacific Telephone & Telegraph Co.

MOSS AVE

7 MOSS AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1992	A WINANT WILLIAM K	PACIFIC BELL DIRECTORY
1991	Winant William K	PACIFIC BELL WHITE PAGES
	Winberg Edwin F	PACIFIC BELL WHITE PAGES
	Winberg T	PACIFIC BELL WHITE PAGES
	Winblad Rae Lyn DC	PACIFIC BELL WHITE PAGES
1986	Wheeler Douglas	PACIFIC BELL WHITE PAGES
1975	NALILOW B	Pacific Telephone
1970	ROULEAU F L	Pacific Telephone Directory
1967	ROULEAN FLORA L	R. L. Polk Co.
1955	ROULEAU F L	The Pacific Telephone & Telegraph Co.
1938	ROULEAU C L R	Pacific Telephone
1933	ROULEAU FLORA L ARTIST R	R. L. Polk & Co.
	ROULEAU GEORGIE (WID CLAUDE) H	R. L. Polk & Co.
1928	Rouleau Claude L Georgia carp H	R.L. Polk and Co of California
	Rouleau Flora L tchr R	R.L. Polk and Co of California
1925	ROULEAU C L R	R. L. Polk & Co. of California
1920	ROULEAU C L R	R. L. Polk & Co. of California

9 MOSS AVE

Year	Uses	Source
2006	STOLUROWTanya	Haines Company, Inc.
1992	BOLTON J J	PACIFIC BELL DIRECTORY
1991	Bolton JJ	PACIFIC BELL WHITE PAGES
1986	Bolton J J	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1975	BOLTON J J	Pacific Telephone
	DYCK GEO	Pacific Telephone
1970	BOLTON J J	Pacific Telephone Directory
1967	BOLTON JOHN J	R. L. Polk Co.
	TOPJESEN VICTOR L	R. L. Polk Co.
1955	NORMAN CASWELL L R	The Pacific Telephone & Telegraph Co.
1950	NORMAN CASWELL L R	The Pacific Telephone & Telegraph Co.
1945	NORMAN CASWELL L R	The Pacific Telephone & Telegraph Co.
1938	NORMAN CASWELL L R	Pacific Telephone
1933	NORMAN CASWELL L INSPR OLIVER UNITED FILTERS R	R. L. Polk & Co.
	NORMAN CATH E (WID W A) H	R. L. Polk & Co.
	NORMAN EDW R	R. L. Polk & Co.
	WILKINSON LORRAINE STEN CO TREASURER R	R. L. Polk & Co.
	WILKINSON MINNIE MRS R	R. L. Polk & Co.
1928	Havencourt Caswel I L Cath E eng H	R.L. Polk and Co of California
	Linda Lorraine A R	R.L. Polk and Co of California
	Minnie E wid R 5 R	R.L. Polk and Co of California

10 MOSS AVE

Year	Uses	Source
2008	BREEZEBAY CONSULTING & RECRUIT	Cole Information Services
	D1 EXPRESS	Cole Information Services
2006	APARTMENTS	Haines Company, Inc.
	AOi ORASHIDi Mona	Haines Company, Inc.
	e ALLENJames	Haines Company, Inc.
	AYRISSSuzanne	Haines Company, Inc.
	BONIAK Christopher	Haines Company, Inc.
	:CANNOBERA	Haines Company, Inc.
	CARDELL Bonnle	Haines Company, Inc.
	CERECEResjorge	Haines Company, Inc.
	e CHONG Susan	Haines Company, Inc.
	o COXUM Joarne	Haines Company, Inc.
	FUKUIYoneyichn	Haines Company, Inc.
	o GROSS Eaine	Haines Company, Inc.
	HENDERSONZna	Haines Company, Inc.
	:HESLEPH Loane	Haines Company, Inc.
	i S 1 HOJeremy	Haines Company, Inc.
	HOWARD Wendell T	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	IBARRAJuan	Haines Company, Inc.
	JIMENEZ PATRICIA	Haines Company, Inc.
	KELLER Warren	Haines Company, Inc.
	LARSON Krstopher	Haines Company, Inc.
	o LAWS Anthoy	Haines Company, Inc.
	e LEEJon	Haines Company, Inc.
	MALLCHOKBIll 00 e	Haines Company, Inc.
	MORANDi C	Haines Company, Inc.
	e MORANDI C	Haines Company, Inc.
	MRAZEKDeana	Haines Company, Inc.
	RAJAH Slnga	Haines Company, Inc.
	I RICE Dorothy	Haines Company, Inc.
	ULRICHJohn	Haines Company, Inc.
	YOONY	Haines Company, Inc.
	YOUNG Brce	Haines Company, Inc.
2000	17 CANNOBER A	Pacific Bell
	26 RAJAH SINGA	Pacific Bell
	29 EDGEWOOD DIANE	Pacific Bell
	31 MORANDI C	Pacific Bell
	31 MORANDI C	Pacific Bell
	32 LEE DAVID	Pacific Bell
	37 HOWARD WENDELL T	Pacific Bell
1996	17 CANNOBER A	PACIFIC BELL DIRECTORY
	26 RAJAH SINGA	PACIFIC BELL DIRECTORY
	28 HUDGENS D	PACIFIC BELL DIRECTORY
	30 O FARRELL LEO	PACIFIC BELL DIRECTORY
	31 MORANDL C	PACIFIC BELL DIRECTORY
	32 LEE DAVID	PACIFIC BELL DIRECTORY
	35 PETERSON KENNETH	PACIFIC BELL DIRECTORY
1992	DUGAN KEVIN D MR	PACIFIC BELL DIRECTORY
	17 HERNANDEZ MIGUEL A	PACIFIC BELL DIRECTORY
	26 CRONIN P	PACIFIC BELL DIRECTORY
	30 O FARRELL LEO	PACIFIC BELL DIRECTORY
	31 MORANDI C	PACIFIC BELL DIRECTORY
	35 PETERSON KENNETH	PACIFIC BELL DIRECTORY
	36 HEPWORTH ELEANOR J	PACIFIC BELL DIRECTORY
	38 HARRIS GLEN	PACIFIC BELL DIRECTORY
1991	Dugan Kevin D Mr	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Dugan P	PACIFIC BELL WHITE PAGES
	Hepworth Eleanor J	PACIFIC BELL WHITE PAGES
	Her Sue	PACIFIC BELL WHITE PAGES
	Hernandez Miguel A	PACIFIC BELL WHITE PAGES
	Morandi C	PACIFIC BELL WHITE PAGES
	OFarrell Leo	PACIFIC BELL WHITE PAGES
	Cronin P	PACIFIC BELL WHITE PAGES
	Cronin R J	PACIFIC BELL WHITE PAGES
1986	Baa F	PACIFIC BELL WHITE PAGES
	Copeland Terry	PACIFIC BELL WHITE PAGES
	Cronin P	PACIFIC BELL WHITE PAGES
	Haracz J	PACIFIC BELL WHITE PAGES
	Hernandez Miguel A	PACIFIC BELL WHITE PAGES
	Huyler Tim	PACIFIC BELL WHITE PAGES
	Morandi C	PACIFIC BELL WHITE PAGES
	Pena Bob	PACIFIC BELL WHITE PAGES
	Ryan Jas Kevin	PACIFIC BELL WHITE PAGES
	Ryan Jas S	PACIFIC BELL WHITE PAGES
	Ryan Jeff	PACIFIC BELL WHITE PAGES
	Ryan deri	PACIFIC BELL WHITE PAGES
	Smith Steven	PACIFIC BELL WHITE PAGES
1980	Cook Stacey A	Pacific Telephone
	Davis Chuck	Pacific Telephone
	Haracz J	Pacific Telephone
	Hill L D	Pacific Telephone
	Keisderman Michelle S	Pacific Telephone
	Morandi C	Pacific Telephone
	Roman Karl	Pacific Telephone
	Walsh Greg	Pacific Telephone
	Williams Andrew	Pacific Telephone
	Zucker P D	Pacific Telephone
1970	BRAY AUSTIN W	Pacific Telephone Directory
	BRUNCKHORST E W	Pacific Telephone Directory
	CALLAGHAN M	Pacific Telephone Directory
	CARVER E M	Pacific Telephone Directory
	CONROY L	Pacific Telephone Directory
	FERGUSON SUSANE A	Pacific Telephone Directory
	GRIFFIN S	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	HALVIG DANL A	Pacific Telephone Directory
	IRVINE DONALD T	Pacific Telephone Directory
	IRVINE RODGER A	Pacific Telephone Directory
	KELLY ROBT J	Pacific Telephone Directory
	LIFSCHIZ MATTHEW R MARRIAGE FAMILY AND CHILD COUNSELING	Pacific Telephone Directory
	MANFREDI L	Pacific Telephone Directory
	MORANDI C	Pacific Telephone Directory
	MOSSOTTO FINO	Pacific Telephone Directory
	ROTELLI PATRICK L	Pacific Telephone Directory
	SCOTT J	Pacific Telephone Directory
	SOKUGAWA C	Pacific Telephone Directory
	SOYOGUZ METE	Pacific Telephone Directory
	WEHRLIE D M	Pacific Telephone Directory
	WILLIAMS JAS JR	Pacific Telephone Directory
1967	SANTOS ERNEST	R. L. Polk Co.
	KLEVEN LINDA W	R. L. Polk Co.
	HOLZWORTH CHARLES E	R. L. Polk Co.
	SOSKO MICHL	R. L. Polk Co.
	MOSSOTO FINO	R. L. Polk Co.
	CRONIN MAXINE	R. L. Polk Co.
	BROWN MARY LOU	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	SHEFFLFP SIMON	R. L. Polk Co.
	HOFFMAN JUNE	R. L. Polk Co.
	LIFSCHEZ MATHEW	R. L. Polk Co.
	PITNER PAUL G JR	R. L. Polk Co.
	CHRISTIANSEN STEVEN E	R. L. Polk Co.
	PAUL R 03 BT J	R. L. Polk Co.
	HILLER LLOYD	R. L. Polk Co.
	LEWIS LARRY	R. L. Polk Co.
	BRAY AUSTIN	R. L. Polk Co.
	MAY ALICE	R. L. Polk Co.
	FERRIS BRENT	R. L. Polk Co.
	METE SOYOGUZ	R. L. Polk Co.
	NO RETURN	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	SAURMAN EDW	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	CROUCH PATRICIA	R. L. Polk Co.
	CRIPE SANDRA J	R. L. Polk Co.
	WELLS ROBT D	R. L. Polk Co.
	SKILLIN DOROTHEA MRS	R. L. Polk Co.
	CARVER ELFNORE	R. L. Polk Co.
	CONPOY LILLIAN MRS	R. L. Polk Co.
	NUNES CHARLES F	R. L. Polk Co.
	VACANT	R. L. Polk Co.
1962	Blagborne Kathryn L Mrs	Pacific Telephone
1955	ROBINSON MARGARET R	The Pacific Telephone & Telegraph Co.
1945	FLEGAL FRANK G R	The Pacific Telephone & Telegraph Co.
1943	Prette Alice C nurse r	R. L. Polk & Co.
	Prette Edmund J acct r	R. L. Polk & Co.
	Prette Eugenie A nurse r	R. L. Polk & Co.
	Prette Frank L USMC r	R. L. Polk & Co.
	Prette Maurice W USMC r	R. L. Polk & Co.
	Prette Olive B r	R. L. Polk & Co.
	Prette Wm J Eugenia L h	R. L. Polk & Co.
1938	PRETTE WM J R	Pacific Telephone
1933	CARATHERS WM H	R. L. Polk & Co.

11 MOSS AVE

Year	Uses	Source
2006	PREWIT Use	Haines Company, Inc.
	PREWITT Marc	Haines Company, Inc.
2000	PREWITT MARC	Pacific Bell
1991	Mowry Linda	PACIFIC BELL WHITE PAGES
	Mawry M	PACIFIC BELL WHITE PAGES
	Mowry Maracah	PACIFIC BELL WHITE PAGES
	Moxley Robert	PACIFIC BELL WHITE PAGES
1980	Walter Frederick	Pacific Telephone
1970	SOO HOO HARVEY JR	Pacific Telephone Directory
1967	SOO HOO HARVEY JR	R. L. Polk Co.
1962	Dodson J W	Pacific Telephone
1955	ALFIER MILTON J	The Pacific Telephone & Telegraph Co.
1950	HAHN ROBT R	The Pacific Telephone & Telegraph Co.
1943	Kerr Orval L Ellene M leadermn h	R. L. Polk & Co.
1938	ELLISON MORRIS R	Pacific Telephone
1933	DEAN JAS B PHARM H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1933	DEAN RUTH R	R. L. Polk & Co.
	KEIFER MINNIE (WID V J) R	R. L. Polk & Co.
1928	Linda Nelson lab R	R.L. Polk and Co of California

12 MOSS AVE

Year	Uses	Source
1967	q HOESET NILS	R. L. Polk Co.
1962	Henderson Donald W Jr	Pacific Telephone
1943	Cook Mabel M wid J A h	R. L. Polk & Co.
1933	COOK MABEL M (WID J A) H	R. L. Polk & Co.
1928	av Albt J Neva E drftsmn H	R.L. Polk and Co of California

14 MOSS AVE

Year	Uses	Source
1962	Ray Odile	Pacific Telephone
	Ray C A	Pacific Telephone
1955	MENDELSHON ABRAHAM L	The Pacific Telephone & Telegraph Co.
1950	KANE M POWERS R	The Pacific Telephone & Telegraph Co.
1945	DUTRO DAN R	The Pacific Telephone & Telegraph Co.
1933	MCMANUS HARRY (LILLIAN) PNTR H	R. L. Polk & Co.
1928	Brintnall Thos M H	R.L. Polk and Co of California

15 MOSS AVE

Year	Uses	Source
2006	ROGERS Roenary	Haines Company, Inc.
1996	MCAULEY MICHAEL & MARIE	PACIFIC BELL DIRECTORY
1992	MCAULEY MICHAEL & MARIE	PACIFIC BELL DIRECTORY
1980	Fox R	Pacific Telephone
1975	MONCADE S L	Pacific Telephone
	MOMONO ROBT L	Pacific Telephone
	BRAZELTON D J L	Pacific Telephone
	ODONNELL J C L	Pacific Telephone
1970	CHAPLIN CLAUDE M	Pacific Telephone Directory
1967	CHAPLIN ELIZ W	R. L. Polk Co.
1943	Walton Jennie W lamp shades r	R. L. Polk & Co.
	Chaplin Claude M Eliz W h	R. L. Polk & Co.
1933	WALTON JENNIE W COML ARTIST R	R. L. Polk & Co.
	CHAPLIN CLAUDE M (ELIZ W) ADV	R. L. Polk & Co.
1928	1 Leslle A Rose M slsmn H	R.L. Polk and Co of California

FINDINGS

16 MOSS AVE

Year	Uses	Source
1962	Congistre Wilma	Pacific Telephone
1955	CONGISTRE WILMA R	The Pacific Telephone & Telegraph Co.
1950	SHIRBROUN PERRY R	The Pacific Telephone & Telegraph Co.
1945	COOK MABEL MOODY MRS R	The Pacific Telephone & Telegraph Co.
1943	Disher Hugh h	R. L. Polk & Co.
	Disher Norman A fctywkr r	R. L. Polk & Co.
	Disher Stanley H fctywkr r	R. L. Polk & Co.
1933	HOPKINS JOHN C GDNR H	R. L. Polk & Co.
1928	Hopkins Annette L phone opr R	R.L. Polk and Co of California
	Johnson Jas C Pearl A gdnr H	R.L. Polk and Co of California

17 MOSS AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1996	DIAMOND DAVID	PACIFIC BELL DIRECTORY
1992	DIAMOND DAVID	PACIFIC BELL DIRECTORY
1991	Student P	PACIFIC BELL WHITE PAGES
	Collier David	PACIFIC BELL WHITE PAGES
	Studebaker Michael	PACIFIC BELL WHITE PAGES
	Studen M K	PACIFIC BELL WHITE PAGES
1986	Fernandez Lisa	PACIFIC BELL WHITE PAGES
	Hakanson Peter	PACIFIC BELL WHITE PAGES
1980	Wheeler Bruce	Pacific Telephone
1970	HERNIKI JOHN J	Pacific Telephone Directory
1967	PLATT POST M	R. L. Polk Co.
1962	Good J	Pacific Telephone
1955	GOOD J R	The Pacific Telephone & Telegraph Co.
1950	GOOD J R	The Pacific Telephone & Telegraph Co.
1945	GOOD J R	The Pacific Telephone & Telegraph Co.
1943	Good Anna M nurse r	R. L. Polk & Co.
	Good Jack J USN r	R. L. Polk & Co.
	Good John T Kath M inspr Okld Plmbg Dept h	R. L. Polk & Co.
	Good Kathleen R slswn HCCCo r	R. L. Polk & Co.
	Good Leo F USA r	R. L. Polk & Co.
	Good Robt T USA r	R. L. Polk & Co.
1933	GOOD JOHN T (KATH) FURNACE INSPR H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1928	B John J Kath heating mech H	R.L. Polk and Co of California

18 MOSS AVE

Year	Uses	Source
1955	SOLOMON H MRS	The Pacific Telephone & Telegraph Co.
1950	SALORTORT H MRS R	The Pacific Telephone & Telegraph Co.
1945	SOLOMON H MRS R	The Pacific Telephone & Telegraph Co.
1943	Solomon Herman Stove Plumbers Supp Co h	R. L. Polk & Co.
1938	SOLOMON H MRS R	Pacific Telephone
1933	SOLOMON HERMAN (JULIA) SLSMN H	R. L. Polk & Co.
	SOLOMON JACK N R	R. L. Polk & Co.
1928	Soloman HermanJulia slsmn H	R.L. Polk and Co of California
1925	SOLOMON MRS H R	R. L. Polk & Co. of California
1920	WEIL LEO R R	R. L. Polk & Co. of California

19 MOSS AVE

Year	Uses	Source
2006	CROCKETT Jeffrey	Haines Company, Inc.
	COLBRUNO Mihael J	Haines Company, Inc.
2000	COLBRUNO MICHAEL J	Pacific Bell
1991	Ott S	PACIFIC BELL WHITE PAGES
1986	Ott S	PACIFIC BELL WHITE PAGES
1980	Hoachlander E G	Pacific Telephone
	Samson Suzanne	Pacific Telephone
1975	HOACHLANDER E G	Pacific Telephone
1970	WHITE ROBT V	Pacific Telephone Directory
1967	WHITE ROBT V	R. L. Polk Co.
1943	Rockman Carrie wid Louis h	R. L. Polk & Co.
	Abraham Meyer r	R. L. Polk & Co.
1933	ABRAHAM MEYER SLSMN R	R. L. Polk & Co.
	ROCKMAN LOUIS (CARRIE) RANCHER H	R. L. Polk & Co.
1928	Damunth Moy Or ci LFar mfr H	R.L. Polk and Co of California

20 MOSS AVE

Year	Uses	Source
1962	Bulow Frank H	Pacific Telephone
1955	BULOW FRANK H	The Pacific Telephone & Telegraph Co.
1950	GOOD L R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1945	BOSTICK M V MISS R	The Pacific Telephone & Telegraph Co.
1943	Mason La Verne bkpr h	R. L. Polk & Co.
	Brothers Merle sten h	R. L. Polk & Co.

21 MOSS AVE

Year	Uses	Source
2006	GERSTENBERGERA	Haines Company, Inc.
	CHANPaul	Haines Company, Inc.
2000	DETAMORE JEREMY	Pacific Bell
1991	Mayers E	PACIFIC BELL WHITE PAGES
	Mayers Eugene	PACIFIC BELL WHITE PAGES
	Mayers Irwin	PACIFIC BELL WHITE PAGES
	Mayers Jas	PACIFIC BELL WHITE PAGES
	Mayers L M	PACIFIC BELL WHITE PAGES
	Mayers Lillian	PACIFIC BELL WHITE PAGES
1986	Mayers E	PACIFIC BELL WHITE PAGES
1980	Mayers E	Pacific Telephone
1970	O SULLIVAN S	Pacific Telephone Directory
1967	OSULLIVAN STANLEY C 0 OL 8 065e	R. L. Polk Co.
1962	OSullivan S	Pacific Telephone
1943	Laub Jos Mollie gro h	R. L. Polk & Co.
1933	LAUB IRVING CLK R PIEDMONT	R. L. Polk & Co.
	LAUB JENNIE CLK R PIEDMONT	R. L. Polk & Co.
	LAUB JOS (MOLLIE) GRO	R. L. Polk & Co.
1928	r Wm M Minna mfrs agt H	R.L. Polk and Co of California

22 MOSS AVE

Year	Uses	Source
2008	JAMINKA	Cole Information Services
	MJR ASSOCIATES	Cole Information Services
	PACIFIC LIGHT ELECTRIC	Cole Information Services
2006	SIMS Arthur	Haines Company, Inc.
	SMITH Karen	Haines Company, Inc.
	TRACYAnneb	Haines Company, Inc.
	VONKOMARNICKI A	Haines Company, Inc.
	e WILUSSAJlen	Haines Company, Inc.
	MOSS AVENUEAPTS	Haines Company, Inc.
	ABRAMS Brenda	Haines Company, Inc.
	ADDISON Pamela	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	ALSTON MIchael	Haines Company, Inc.
	ANIELSKI Carolina	Haines Company, Inc.
	ASHAGREFe Ikre	Haines Company, Inc.
	BASS Michael	Haines Company, Inc.
	BURNS Andrew	Haines Company, Inc.
	o CRUMPLEY Forrest	Haines Company, Inc.
	o DELUCCHI Judith	Haines Company, Inc.
	FISHER Lesle	Haines Company, Inc.
	FRAZIER Undisey	Haines Company, Inc.
	FRITCH Joanne	Haines Company, Inc.
	GIVLER Robert	Haines Company, Inc.
	e GRAHAMAlva	Haines Company, Inc.
	HOWARD Gregory	Haines Company, Inc.
	JACKSON Araths	Haines Company, Inc.
	JOHNSON Catherine	Haines Company, Inc.
	JONES Harvey	Haines Company, Inc.
	KELCHRJ	Haines Company, Inc.
	LEWIS C	Haines Company, Inc.
	LEWISLYTLE Marjorie	Haines Company, Inc.
	e LOPATA Oga	Haines Company, Inc.
	MEEKINS Susan	Haines Company, Inc.
	MURRELLr Chei	Haines Company, Inc.
	e NATHE Michael	Haines Company, Inc.
	OPARAAnn	Haines Company, Inc.
	e PAYNE Cherise	Haines Company, Inc.
	PRest ON Tom	Haines Company, Inc.
	RAMIREZ Alice 00 e	Haines Company, Inc.
	RICHEY Marik	Haines Company, Inc.
	ROBINSON A 10ne	Haines Company, Inc.
	ROE Emelder	Haines Company, Inc.
	ROSENM	Haines Company, Inc.
2000	102 PRESTON TOM	Pacific Bell
	103 WILLIS ALLEN	Pacific Bell
	106 BROWNLOW RYAN	Pacific Bell
	201 OPARA ANN	Pacific Bell
	209 ROWE J	Pacific Bell
	210 LEWIS LYTLE MARJORIE	Pacific Bell
	301 KELCH R J	Pacific Bell

FINDINGS

Year	Uses	Source
2000	303 DELUCCHI J L	Pacific Bell
	311 RAMIREZ A	Pacific Bell
1996	102 PRESTON TOM	PACIFIC BELL DIRECTORY
	108 MCCULLOM JAMES	PACIFIC BELL DIRECTORY
	209 ROWE J	PACIFIC BELL DIRECTORY
	301 KELCH R J	PACIFIC BELL DIRECTORY
	303 DELUCCHI J L	PACIFIC BELL DIRECTORY
	311 RAMIREZ CARLOS	PACIFIC BELL DIRECTORY
1992	301 KELCH R J	PACIFIC BELL DIRECTORY
	303 DELUCCHI J L	PACIFIC BELL DIRECTORY
	101 FRY GARY A	PACIFIC BELL DIRECTORY
	102 PRESTON TOM	PACIFIC BELL DIRECTORY
	108 MCCULLOM JAMES	PACIFIC BELL DIRECTORY
	109 ALLEN R A	PACIFIC BELL DIRECTORY
	201 WELCH E S	PACIFIC BELL DIRECTORY
	209 ROWE J	PACIFIC BELL DIRECTORY
1991	Bass Nelda	PACIFIC BELL WHITE PAGES
	Bass P	PACIFIC BELL WHITE PAGES
	Carroll Terrance	PACIFIC BELL WHITE PAGES
	Fink J	PACIFIC BELL WHITE PAGES
	Fink Jack	PACIFIC BELL WHITE PAGES
	Fry Gary A	PACIFIC BELL WHITE PAGES
	Kelch R J	PACIFIC BELL WHITE PAGES
	Luey Andrew	PACIFIC BELL WHITE PAGES
	Preston Tom	PACIFIC BELL WHITE PAGES
	Richey Mark & Lauren	PACIFIC BELL WHITE PAGES
	Richey Mary Ellen	PACIFIC BELL WHITE PAGES
	Singhal Anil MD & Sheetal	PACIFIC BELL WHITE PAGES
	Bass Michael	PACIFIC BELL WHITE PAGES
1986	Anders Miles	PACIFIC BELL WHITE PAGES
	Cohen Simon G Mrs	PACIFIC BELL WHITE PAGES
	Fink J	PACIFIC BELL WHITE PAGES
	Fink Jack	PACIFIC BELL WHITE PAGES
	Fry Gary A	PACIFIC BELL WHITE PAGES
	Hudson David W	PACIFIC BELL WHITE PAGES
	Jones Bertram F	PACIFIC BELL WHITE PAGES
	Landers A	PACIFIC BELL WHITE PAGES
	Landers David	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Ochoa S	PACIFIC BELL WHITE PAGES
	Pfister Paul G	PACIFIC BELL WHITE PAGES
	Preston Tom	PACIFIC BELL WHITE PAGES
	Preston Vanessa K	PACIFIC BELL WHITE PAGES
	Presutti Paul T	PACIFIC BELL WHITE PAGES
	Rath Don	PACIFIC BELL WHITE PAGES
	I Rutter Chris C & Lee	PACIFIC BELL WHITE PAGES
	i Rutter Elisabeth MS W	PACIFIC BELL WHITE PAGES
	Rutter George C	PACIFIC BELL WHITE PAGES
	Rutter LC	PACIFIC BELL WHITE PAGES
	Taylor Troy	PACIFIC BELL WHITE PAGES
	Villalon William	PACIFIC BELL WHITE PAGES
	Wang Po Hung	PACIFIC BELL WHITE PAGES
1980	August Dorothy M	Pacific Telephone
	Bostick Allen	Pacific Telephone
	Crider Hugh Ted	Pacific Telephone
	Farnum Richard J	Pacific Telephone
	Fry Gary A	Pacific Telephone
	Geller Dalia	Pacific Telephone
	Jones Pamela	Pacific Telephone
	Kaye Barry	Pacific Telephone
	Meekins Chas W	Pacific Telephone
	Morrison Dan	Pacific Telephone
	Pearson David N	Pacific Telephone
	Preston Tom	Pacific Telephone
	Radaikin Norine	Pacific Telephone
	Shaw B	Pacific Telephone
	Szeto Chiu	Pacific Telephone
	Tanovitz Edw	Pacific Telephone
	Williams Joyce & Vernon Everett	Pacific Telephone
	Williams Vernon Everett & Joyce	Pacific Telephone
1975	AHO ALEX	Pacific Telephone
	CADY ROWENA	Pacific Telephone
	CAGAANAN CARL	Pacific Telephone
	DIXON REGINALD E	Pacific Telephone
	DUNN OTHELL	Pacific Telephone
	GROSS LUCILLE	Pacific Telephone
	HAHN M	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	HILDEBRAND ROBT	Pacific Telephone
	HOENIG LA WRENCE L	Pacific Telephone
	HALMAN B	Pacific Telephone
	JENSEN JAMES A	Pacific Telephone
	JENSEN LYNN	Pacific Telephone
	LAGAYA ALFREDO	Pacific Telephone
	MONTORI DALIA A	Pacific Telephone
	MANLEY LAMR J	Pacific Telephone
	MOSS AVENUE APARTMENTS	Pacific Telephone
1970	HOWARD TIMOTHY C	Pacific Telephone Directory
	JAYE JOE	Pacific Telephone Directory
	JAYE RUTH N	Pacific Telephone Directory
	JENSEN LYNN	Pacific Telephone Directory
	JOHNSTON GLENNA M	Pacific Telephone Directory
	LANE EDW R	Pacific Telephone Directory
	LORENZI ALAN	Pacific Telephone Directory
	LORENZI C	Pacific Telephone Directory
	MCASKILL ROBT W	Pacific Telephone Directory
	OTTINGER JAS	Pacific Telephone Directory
	PILC ROBT J	Pacific Telephone Directory
	RICE MARC JR	Pacific Telephone Directory
	SMITH RUTH I	Pacific Telephone Directory
	SOUZA AL	Pacific Telephone Directory
	TAM NOELINE	Pacific Telephone Directory
	TAYLOR M E	Pacific Telephone Directory
	AIROLDI GENE L	Pacific Telephone Directory
	BROCKBANK N L	Pacific Telephone Directory
	CADY ROWENA	Pacific Telephone Directory
	CALLAGHAN V R	Pacific Telephone Directory
	CLAR FRED	Pacific Telephone Directory
	COHEN GEO K MRS	Pacific Telephone Directory
	DEPPER J L	Pacific Telephone Directory
	DICKEY ELDRIDGE R	Pacific Telephone Directory
	ERICKSON R S	Pacific Telephone Directory
	ESCHEN M	Pacific Telephone Directory
	GILLESPIE CONSTANCE M	Pacific Telephone Directory
	HAWTHORNE ROBT S	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1962	Hamilton Geo S Mrs	Pacific Telephone
	Jensen Edna C	Pacific Telephone
	Palfey Rita	Pacific Telephone
	Thorne John P	Pacific Telephone
1955	JENSEN EDNA C R	The Pacific Telephone & Telegraph Co.
	MARQUIS H M MRS	The Pacific Telephone & Telegraph Co.
	PALFEY RITA	The Pacific Telephone & Telegraph Co.
	RILEY KATHERINE	The Pacific Telephone & Telegraph Co.
	RUSSELL MARY C MRS	The Pacific Telephone & Telegraph Co.
1950	COBB ELIZABETH H R	The Pacific Telephone & Telegraph Co.
	JENSEN EDNA C R	The Pacific Telephone & Telegraph Co.
	JENSEN LEROY L R	The Pacific Telephone & Telegraph Co.
	MARQUIS H M MRS R	The Pacific Telephone & Telegraph Co.
1945	BOLAR ALICE R R	The Pacific Telephone & Telegraph Co.
	COBB MYRTLE H R	The Pacific Telephone & Telegraph Co.
	JENSEN EDNA C R	The Pacific Telephone & Telegraph Co.
1943	Bolar Harold B Alice R eng h	R. L. Polk & Co.
	COBB Myrtie H wid B O tchr Pub Sch h	R. L. Polk & Co.
	JENSEN Edna bkpr h	R. L. Polk & Co.
	Jensen Elene O tchr Pub Sch h	R. L. Polk & Co.
1938	COBB MYRTLE H R	Pacific Telephone
	JENSEN EDNA C R	Pacific Telephone
1933	JENSEN EDNA C BKPR TRIANGLE TIRE CO H	R. L. Polk & Co.
	JENSEN ELENE O TCHR OKLD PUB SCH R	R. L. Polk & Co.
	RODERICK LAURENCE D (ANNA M) H	R. L. Polk & Co.
	RODERICK MERYLE CLK R	R. L. Polk & Co.
1928	B Edna C cashr H	R.L. Polk and Co of California
	B Elene 0 tchr OPS R	R.L. Polk and Co of California
1920	LOVE S K R	R. L. Polk & Co. of California

25 MOSS AVE

Year	Uses	Source
2008	PUU MA MA	Cole Information Services
2006	LYHung	Haines Company, Inc.
1980	Edwards Catrina M Mrs	Pacific Telephone
	Flores X	Pacific Telephone
	Pines Alphonso & Charlotte	Pacific Telephone
1975	AMERICAN PEN CO	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	OTTO WALTER E	Pacific Telephone
1970	BRAWLEY MARION	Pacific Telephone Directory
	LA ROCCA M RICHARD	Pacific Telephone Directory
	OTTO WALTER E	Pacific Telephone Directory
	SCHWEPPE G A	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	I MATHIESFN JAMES M OL	R. L. Polk Co.
	ALGER J E	R. L. Polk Co.
	LA ROCCA M RICHARD	R. L. Polk Co.
	GAVPILIS 8 YRON C	R. L. Polk Co.
	BRAWLEY THOS	R. L. Polk Co.
	SWEET MARIE	R. L. Polk Co.
	PROWN ORIE	R. L. Polk Co.
1962	Hinchcliff Guy	Pacific Telephone
	Hinchcliff Susan	Pacific Telephone
	Oleson Edna H	Pacific Telephone
	Oleson Wm R	Pacific Telephone
	Young Geo C	Pacific Telephone
1945	LEKOS ALEXANDER R	The Pacific Telephone & Telegraph Co.
1933	PEARSON ANDW (MABEL) H	R. L. Polk & Co.
1928	Andw Mabel H	R.L. Polk and Co of California

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Year	Uses	Source
2006	WILLATS Andrew	Haines Company, Inc.
1980	Sweet V	Pacific Telephone
1970	SWEET M	Pacific Telephone Directory
1943	Sweet Marie slswn HCC Co r	R. L. Polk & Co.
	Sweet Violet cash MLICo h	R. L. Polk & Co.
1933	SWEET VIOLET CASH MET LIFE INS CO H	R. L. Polk & Co.
	LARKIN FRANCES SLSWN R	R. L. Polk & Co.
	SWEET MARIE SLSWN R	R. L. Polk & Co.
1928	I Marie clk Misses Shop H	R.L. Polk and Co of California
	39th Violet bkpr R	R.L. Polk and Co of California

28 MOSS AVE

Year	Uses	Source
2006	o SCHNEIDER Unda	Haines Company, Inc.

FINDINGS

Year	Uses	Source
1986	Liao Ling Te	PACIFIC BELL WHITE PAGES
	Liao Ling Te	PACIFIC BELL WHITE PAGES
	Liao Mel Wen	PACIFIC BELL WHITE PAGES
	Primeau Joan	PACIFIC BELL WHITE PAGES
1980	Brown O O	Pacific Telephone
1970	BROWN O O	Pacific Telephone Directory
1962	Brown O O	Pacific Telephone
1955	BROWN O O	The Pacific Telephone & Telegraph Co.
1950	GRAHAM J L R	The Pacific Telephone & Telegraph Co.
1945	GILES K F R	The Pacific Telephone & Telegraph Co.
1943	Giles Kath h	R. L. Polk & Co.
1933	GILES MARTHA C (WID W H) H	R. L. Polk & Co.
1928	Giles Kath F wid Wm H R	R.L. Polk and Co of California
	Giles Martha C wid W H H	R.L. Polk and Co of California

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Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	E SACHS PETER S	Pacific Bell
1996	A RUBINSTEIN JOEL	PACIFIC BELL DIRECTORY
1992	A RUBINSTEIN JOEL	PACIFIC BELL DIRECTORY
	D SCOTT S	PACIFIC BELL DIRECTORY
1991	Stupey Joseph H	PACIFIC BELL WHITE PAGES
	Sturak Tamara	PACIFIC BELL WHITE PAGES
	Sturdevant S	PACIFIC BELL WHITE PAGES
1986	Bisebt B F	PACIFIC BELL WHITE PAGES
	Chenoweth Albert	PACIFIC BELL WHITE PAGES
	Chenoweth Chris & Anne	PACIFIC BELL WHITE PAGES
	Layne JA	PACIFIC BELL WHITE PAGES
1980	Duncan J	Pacific Telephone
	Long Jerry	Pacific Telephone
	Mattox V E	Pacific Telephone
	Orr H W Sr	Pacific Telephone
	Shuman L	Pacific Telephone
1975	HARVEY H A	Pacific Telephone
1970	CHUNG-I-SUN MICHAEL	Pacific Telephone Directory
	PIERCE JUDITH	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	A WELLS JUANITA 0 MRS	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	B ALLFN EOW	R. L. Polk Co.
	C NO RETURN	R. L. Polk Co.
	AHUMADA RUDY	R. L. Polk Co.
	WILKINSON JOAN	R. L. Polk Co.
	MACHUNZF ANDREW	R. L. Polk Co.
1962	Nevin L L	Pacific Telephone
	Sweasey Ida M	Pacific Telephone
	Wells Juanita D	Pacific Telephone
1955	CARDINAL RENEE MISS	The Pacific Telephone & Telegraph Co.
	PHILLIPS GLADYS E	The Pacific Telephone & Telegraph Co.
	SHORT ALICE M MRS	The Pacific Telephone & Telegraph Co.
1950	EGELAND ED R	The Pacific Telephone & Telegraph Co.
	HODDER JANE R	The Pacific Telephone & Telegraph Co.
	PH ILLIPS GLADYS E R	The Pacific Telephone & Telegraph Co.
1945	EGELAND ED R	The Pacific Telephone & Telegraph Co.
	NELSON OPAL W R	The Pacific Telephone & Telegraph Co.
1943	Cardinal Roy mech r	R. L. Polk & Co.
	Egeland Edw Herrilie h	R. L. Polk & Co.
	HICKS Fred mech r	R. L. Polk & Co.
	Schlingerlin Jean clk r	R. L. Polk & Co.
	Short Alice Mrs r	R. L. Polk & Co.
1938	EITEL G MRS R	Pacific Telephone
1928	Seay Harry Alice lab H	R.L. Polk and Co of California
	Salem Winifred bkpr Excelsior Lndy Co R	R.L. Polk and Co of California
	FF Louis Ingeburg C rancher H	R.L. Polk and Co of California

31 MOSS AVE

Year	Uses	Source
2006	CIOTTI Stephan Ie	Haines Company, Inc.
	DEBResi ONTawe Ide	Haines Company, Inc.
2000	COOK RICHARD & LISA	Pacific Bell
	CIOTTI EZIO & STEPHANIE	Pacific Bell
1996	CIOTTI EZIO & STEPHANIE	PACIFIC BELL DIRECTORY
1992	CIOPPI EZIO & STEPHANIE	PACIFIC BELL DIRECTORY
1991	Leon Jaime	PACIFIC BELL WHITE PAGES
	Sauer S	PACIFIC BELL WHITE PAGES
	Sauer Sheri	PACIFIC BELL WHITE PAGES
1986	Sauer S	PACIFIC BELL WHITE PAGES
	Sauer Sheri	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1980	Frew Andrew	Pacific Telephone
	Sauer S	Pacific Telephone
1975	FREW ANDREW	Pacific Telephone
	HARRINGTON ARDELL	Pacific Telephone
1970	FENTON J	Pacific Telephone Directory
	FREW ANDREW	Pacific Telephone Directory
	HARRINGTON ARDELL	Pacific Telephone Directory
1967	FREW ANDREW B	R. L. Polk Co.
1962	Frew Andrew	Pacific Telephone
	Kempster Bettie	Pacific Telephone
1955	FREW ANDREW	The Pacific Telephone & Telegraph Co.
1950	DIGATI ANGELA R	The Pacific Telephone & Telegraph Co.
	MAIRESSE ALINE R	The Pacific Telephone & Telegraph Co.
1945	KIVI J MRS R	The Pacific Telephone & Telegraph Co.
1943	Benfer Donald F Marjorie asst credit mgr Sherwin Williams Co h	R. L. Polk & Co.
	Dennis Adele wid W H h	R. L. Polk & Co.
1933	DOHRMANN WM C (MARY L) REAL EST	R. L. Polk & Co.
	MOORE STANLEY M CLK R	R. L. Polk & Co.
	MOORE WM S (ADA) SLSMN H	R. L. Polk & Co.

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Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1991	Ehlers Kevin	PACIFIC BELL WHITE PAGES
	Ehlers Marshall	PACIFIC BELL WHITE PAGES
1986	f Ryerson Lucienne	PACIFIC BELL WHITE PAGES
	Ryerson Marc & Terri n	PACIFIC BELL WHITE PAGES
1980	Fitzpatrick Linda	Pacific Telephone
	Kasparian Laura	Pacific Telephone
	Kim Suksung	Pacific Telephone
	Mc Graw Nathaniel Jr	Pacific Telephone
1975	CHRIS T	Pacific Telephone
	HOUCK CYNTHIA	Pacific Telephone
	HOUCK LYNNE	Pacific Telephone
1970	HOWARD CHAS B	Pacific Telephone Directory
	SMALLEY TED	Pacific Telephone Directory
1967	KRAMER RICHO C	R. L. Polk Co.
	SMALLEY TED	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1962	King Sarah A	Pacific Telephone
	Roberts Margaret M	Pacific Telephone
	Withrow J O r	Pacific Telephone
1955	BLOCK ELIZABETH I R	The Pacific Telephone & Telegraph Co.
	ROBERTS MARGARET M	The Pacific Telephone & Telegraph Co.
	WITHROW J O R	The Pacific Telephone & Telegraph Co.
1950	BLOCK ELIZABETHI I R	The Pacific Telephone & Telegraph Co.
	KROHN RUBLE R	The Pacific Telephone & Telegraph Co.
1945	THIEL HERMAN T R	The Pacific Telephone & Telegraph Co.
	WEBBER HOPE MRS R	The Pacific Telephone & Telegraph Co.
	WITHROW J O R	The Pacific Telephone & Telegraph Co.
1943	Mc Curry Chas welder Weld Rite Co r	R. L. Polk & Co.
	Mc Curry Harry W Ruth welder Weld Rite Co h	R. L. Polk & Co.
	Withrow Jay O Grace E ins h	R. L. Polk & Co.
1938	WITHERS GLORIA R	Pacific Telephone
	WITHERS L F R	Pacific Telephone
1933	CHRISTENSON LUELLA S MRS MAID	R. L. Polk & Co.
	FELDMAN HENRY F (LORAINE) (RAMKE & FELDMAN) H	R. L. Polk & Co.
	WITHERS LOTTIE F (WID W S) H	R. L. Polk & Co.
1920	WITHERS W S R	R. L. Polk & Co. of California

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Year	Uses	Source
2006	LAI WInn le	Haines Company, Inc.
	BAUSMANT	Haines Company, Inc.
	FRANCA Bety	Haines Company, Inc.
	HOTam	Haines Company, Inc.
2000	303 KANG MYUNG-KOO	Pacific Bell
	304 ABDULRAHMAN SOAID	Pacific Bell
1996	303 SANDERS ELBERT K	PACIFIC BELL DIRECTORY
1992	304 ROTTMANN A	PACIFIC BELL DIRECTORY
1986	I Bey Aisha	PACIFIC BELL WHITE PAGES
	Ewing D & C	PACIFIC BELL WHITE PAGES
	Jackson Emily	PACIFIC BELL WHITE PAGES
	i Bey A Hassan	PACIFIC BELL WHITE PAGES
1980	Beckley Geo & Bernadette	Pacific Telephone
	Bunts Patricia	Pacific Telephone
	English Wayne T	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Gray D L	Pacific Telephone
	Longmire S & S	Pacific Telephone
	Williams Dorrance	Pacific Telephone
1975	FUNG VICTOR J	Pacific Telephone
	GAMBOA LEONEL	Pacific Telephone
	GASH EUGENE	Pacific Telephone
	GETTER J	Pacific Telephone
	GRAY D L	Pacific Telephone
	GRELL STANLEY R	Pacific Telephone
	NARSAI S RESTAURANT	Pacific Telephone
1970	FREY KENNETH A	Pacific Telephone Directory
	HEDGES STEWART	Pacific Telephone Directory
	JUNG ALICE F MRS	Pacific Telephone Directory
	KARNES THEODORE R	Pacific Telephone Directory
	NIELSEN ERIK W	Pacific Telephone Directory
	ROCKWELL ARTHUR E	Pacific Telephone Directory
1967	APARTMFNTS	R. L. Polk Co.
1943	Hill Jess C Cassie A h	R. L. Polk & Co.
	Hill Jess C jr r	R. L. Polk & Co.
	Hill Orvetta D tel opr r	R. L. Polk & Co.
1938	HILL ORVETTA D R	Pacific Telephone
1933	BARTLETT MARIE D MRS H	R. L. Polk & Co.
1928	Contra John M Mary D H	R.L. Polk and Co of California

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Year	Uses	Source
2006	JONES Marion	Haines Company, Inc.
	SANCHEZ	Haines Company, Inc.
	STACYThomas	Haines Company, Inc.
	TAI Christopher	Haines Company, Inc.
2000	1 SILVA THOMAS	Pacific Bell
	2 MARTINEZ ROBERTO V	Pacific Bell
	5 TYESI GREGORY S	Pacific Bell
	6 FERREL J	Pacific Bell
	7 CAROLAN KIMBERLY	Pacific Bell
	9 RANSOME DEANNA	Pacific Bell
	11 REIMERS JASON D	Pacific Bell
1996	3 MAGGAY RODERICK	PACIFIC BELL DIRECTORY
1992	1 SABLE DAVID	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1992	8 ROCHA J	PACIFIC BELL DIRECTORY
1991	Walker Kristian	PACIFIC BELL WHITE PAGES
	Walker L	PACIFIC BELL WHITE PAGES
	Walker L	PACIFIC BELL WHITE PAGES
	Walker L	PACIFIC BELL WHITE PAGES
	Walker L	PACIFIC BELL WHITE PAGES
	Walker L	PACIFIC BELL WHITE PAGES
	Walker L	PACIFIC BELL WHITE PAGES
	Walker L	PACIFIC BELL WHITE PAGES
1986	Bibb W E	PACIFIC BELL WHITE PAGES
	Harwayne Jon	PACIFIC BELL WHITE PAGES
	Linder Martin	PACIFIC BELL WHITE PAGES
	Uinder R	PACIFIC BELL WHITE PAGES
	Mc Donald Jos R	PACIFIC BELL WHITE PAGES
	Watson Z	PACIFIC BELL WHITE PAGES
1980	Bibb W E	Pacific Telephone
	Faridtehrani Sarrokh	Pacific Telephone
	Tousey J W	Pacific Telephone
1975	ASHLEY E	Pacific Telephone
	BROWN KIM RENEE	Pacific Telephone
	DUNSON P	Pacific Telephone
	HANEY RENEE	Pacific Telephone
1970	BORN D	Pacific Telephone Directory
	GALLAWAY K L	Pacific Telephone Directory
	GERBER CHAS	Pacific Telephone Directory
	MEISENHEIMER C A	Pacific Telephone Directory
	SEAL RALPH T	Pacific Telephone Directory
	SHIPMAN GRAHAM	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	HAMILTON JOHN H	R. L. Polk Co.
	GERBFR WALTER C	R. L. Polk Co.
	SIMPSOM LOREN	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	BROORICK WM G	R. L. Polk Co.
	SCHWEDER JAMES F	R. L. Polk Co.
	WEBER FRVIN J	R. L. Polk Co.
1960	JUNG WESLEY D DDS	Pacific Telephone

FINDINGS

Year	Uses	Source
1955	JUNG GEO D	The Pacific Telephone & Telegraph Co.
1950	BBORGLURDL JACOB R	The Pacific Telephone & Telegraph Co.
1943	Whittington Benj P Anna E r	R. L. Polk & Co.
1938	PETERSEN JAS M R	Pacific Telephone
1933	GRUTMAN IRVING R	R. L. Polk & Co.
	GRUTMAN JOS (ANNA) H	R. L. Polk & Co.
1928	ington David S stdt R	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
	ington Jos Anna G feed	R.L. Polk and Co of California

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Year	Uses	Source
2006	BABEATBRRA	Haines Company, Inc.
	Erdenskan	Haines Company, Inc.
	STREAMER Chas	Haines Company, Inc.
	UZOZIE Rachel	Haines Company, Inc.
2000	5 KOO SHEAU YUN	Pacific Bell
	5 WAN JIZHONG	Pacific Bell
	9 STREAMER CHAS GRAY	Pacific Bell
	12 JACKSON NAOMI & PAUL	Pacific Bell
1996	9 STREAMER CHAS GRAY	PACIFIC BELL DIRECTORY
	12 JACKSON NAOMI & PAUL	PACIFIC BELL DIRECTORY
1992	8 JONES WILLIAM L	PACIFIC BELL DIRECTORY
	9 STREAMER CHAS GRAY	PACIFIC BELL DIRECTORY
1991	Chambers Toya	PACIFIC BELL WHITE PAGES
	Chambers Vee	PACIFIC BELL WHITE PAGES
	Hussein Zbbiba	PACIFIC BELL WHITE PAGES
	Husseini W & G	PACIFIC BELL WHITE PAGES
	Walker George Julian	PACIFIC BELL WHITE PAGES
1986	I Bowman Revis	PACIFIC BELL WHITE PAGES
	Brewster Mary R	PACIFIC BELL WHITE PAGES
	Brewster N	PACIFIC BELL WHITE PAGES
	Brewster R	PACIFIC BELL WHITE PAGES
	Hamilton Don	PACIFIC BELL WHITE PAGES
	Me Cormick Dorothy D	PACIFIC BELL WHITE PAGES
	Streamer Chas Gray	PACIFIC BELL WHITE PAGES
1980	Dyson Mae F	Pacific Telephone
	Jones Oscar & Gwendolyn	Pacific Telephone
	Williams Geo Jr	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	BANKS JANICE	Pacific Telephone
	CUMBY LINDA L	Pacific Telephone
	JACKSON W C	Pacific Telephone
1970	BARRETT KRIS W	Pacific Telephone Directory
	DAVIS REED W	Pacific Telephone Directory
	GRIGGS IAN P	Pacific Telephone Directory
	KAGEL RICHARD I	Pacific Telephone Directory
	LAMBERT GARY W	Pacific Telephone Directory
	MCLEOD ROBT W	Pacific Telephone Directory
	NELSON ROY J JR	Pacific Telephone Directory
	RANDOLPH JOHN M	Pacific Telephone Directory
	RUSSELL DAVID	Pacific Telephone Directory
	SANDRETTO TERESA	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	HANSMEYFR STEPH C	R. L. Polk Co.
	GERBER DAVID H	R. L. Polk Co.
	JENSEN CARL	R. L. Polk Co.
	HOER STEVEN	R. L. Polk Co.
	KIRCHBERG MARY A MRS	R. L. Polk Co.
	KENNEDY JOHN K	R. L. Polk Co.
	WIGGINS	R. L. Polk Co.
	HAYES DONALD	R. L. Polk Co.
	EWFN EVA F MRS	R. L. Polk Co.
	OBRIEN MICHAEL H	R. L. Polk Co.
	ATAMAN S	R. L. Polk Co.
	MALLOCH HOWARD	R. L. Polk Co.
1962	Koury Richard H	Pacific Telephone
	Malloch H D	Pacific Telephone
	Riley Earl	Pacific Telephone
	Riley Marjorie M	Pacific Telephone
1955	PERRY IRVING R	The Pacific Telephone & Telegraph Co.
1950	PERRY RUTH R	The Pacific Telephone & Telegraph Co.
1945	PERRY RUTH R	The Pacific Telephone & Telegraph Co.
1943	Perry Goldie wid Sol h	R. L. Polk & Co.
	Perry Irving collr	R. L. Polk & Co.
	Perry Ruth h	R. L. Polk & Co.
1938	PERRY RUTH R	Pacific Telephone
1933	BARNUM GEO (MAUDE) REAL EST H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1933	LEHMAN RICHD N SLSMN JOHN BREUNER CO R	R. L. Polk & Co.
	MURPHY C E SLSMN H C CAPWELL CO R	R. L. Polk & Co.
	MURPHY CECELIA E MRS SLSWN R	R. L. Polk & Co.
	WHITNEY CLAIRE MRS CLK R	R. L. Polk & Co.
1928	Bourroughs Hilis P Harriet W H	R.L. Polk and Co of California
	Grand Kath H R	R.L. Polk and Co of California
	Portland Mary E social wkr R	R.L. Polk and Co of California
	Wilis P Harriet clk Walnut Grove Ormry Co R	R.L. Polk and Co of California

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Year	Uses	Source
1967	TRASK HENRY S	R. L. Polk Co.

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Year	Uses	Source
1943	QUINN J H h	R. L. Polk & Co.

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Year	Uses	Source
2006	APARTMENTS	Haines Company, Inc.
	BOODNICK M	Haines Company, Inc.
	GRANBY Dana	Haines Company, Inc.
	HARRISON Schalyece	Haines Company, Inc.
	JACKSON Pamela	Haines Company, Inc.
	KUO Phlilp	Haines Company, Inc.
	LUCCHESECralg	Haines Company, Inc.
	MULDERA	Haines Company, Inc.
	OLIVEIRA Cares	Haines Company, Inc.
	STANTON CE	Haines Company, Inc.
	WANG Udlca	Haines Company, Inc.
2000	203 BARTOLI JAMES J	Pacific Bell
	206 HAND SHANNON K	Pacific Bell
	301 BOODNICK M	Pacific Bell
	303 DANCIS NAOMI Z	Pacific Bell
	103 MARCY NATASHA	Pacific Bell
	105 VINCENT CRAIG	Pacific Bell
	106 HARRISON SCHALYECE M	Pacific Bell
	107 MOODY MICHAEL S	Pacific Bell

FINDINGS

Year	Uses	Source
1996	106 LUNA JAIME	PACIFIC BELL DIRECTORY
	202 BROWN LYLE	PACIFIC BELL DIRECTORY
	301 BOODNICK M	PACIFIC BELL DIRECTORY
	303 BELAYENEH ASELEFECH	PACIFIC BELL DIRECTORY
1992	106 LUNA JAIME	PACIFIC BELL DIRECTORY
	108 LESTE JAN	PACIFIC BELL DIRECTORY
	206 TESEMA TEFERA	PACIFIC BELL DIRECTORY
	301 BOODNICK M	PACIFIC BELL DIRECTORY
1991	Boodnick M	PACIFIC BELL WHITE PAGES
	Boody D E	PACIFIC BELL WHITE PAGES
	Feleka Negussie	PACIFIC BELL WHITE PAGES
	Felteo Feociano	PACIFIC BELL WHITE PAGES
	Feieppla C	PACIFIC BELL WHITE PAGES
	Hastings Steve & Marie	PACIFIC BELL WHITE PAGES
	Hastings Wm A	PACIFIC BELL WHITE PAGES
	Kim T	PACIFIC BELL WHITE PAGES
	Ltuna Jaime	PACIFIC BELL WHITE PAGES
	Okereke Emmanuel	PACIFIC BELL WHITE PAGES
	Okerekeugo Obioma	PACIFIC BELL WHITE PAGES
	Sanchez Juan J	PACIFIC BELL WHITE PAGES
	Sanchez Juan Villa	PACIFIC BELL WHITE PAGES
	Skogen Brett & Stephanie	PACIFIC BELL WHITE PAGES
1986	Ghaffari Firooz A	PACIFIC BELL WHITE PAGES
	I Kamali Tom	PACIFIC BELL WHITE PAGES
	Kaman Bearing & Supply Corp Calif San Leandro Branch	PACIFIC BELL WHITE PAGES
	Khalilnaji Namvar	PACIFIC BELL WHITE PAGES
	Khaliq K	PACIFIC BELL WHITE PAGES
	Panneflek Ricardo J	PACIFIC BELL WHITE PAGES
	Shirazian Alireza Hassan	PACIFIC BELL WHITE PAGES
	Badakhshan Ali	PACIFIC BELL WHITE PAGES
	Cao Jinzhi	PACIFIC BELL WHITE PAGES
1980	Armstrong Lonnie Jr	Pacific Telephone
	Caraballo Jose	Pacific Telephone
	Chao Lawrence	Pacific Telephone
	Cheney Ruth H	Pacific Telephone
	Jacobs John W	Pacific Telephone
	Jones Rodney W	Pacific Telephone
	Kilstein Doron	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Kim Hye Myoung	Pacific Telephone
	Levis Victor	Pacific Telephone
	Moore L D	Pacific Telephone
	Petty J	Pacific Telephone
	Proctor Marsha E	Pacific Telephone
	Romero Robt M	Pacific Telephone
	Schuler Blake	Pacific Telephone
	Smith Bobby J	Pacific Telephone
1975	BREWER GEO I	Pacific Telephone
	DEVEREAUX GEO	Pacific Telephone
	HYATT CHRISTOPHER	Pacific Telephone
	KEYS BERYL	Pacific Telephone
	KING ROBIN	Pacific Telephone
1970	BACKES I PHIL JR	Pacific Telephone Directory
	BIBB WM	Pacific Telephone Directory
	BLAKENEY FRED H	Pacific Telephone Directory
	COLE MARTA G	Pacific Telephone Directory
	GAFFIN JUDITH	Pacific Telephone Directory
	KIELTY ARTHUR J	Pacific Telephone Directory
	MARCH THOS P	Pacific Telephone Directory
	MARTIN ROY C	Pacific Telephone Directory
	MCCULLUM JAS	Pacific Telephone Directory
	SITTERUD MICHAEL	Pacific Telephone Directory
	SULLIVAN DAN	Pacific Telephone Directory
	WALKER JERRY R	Pacific Telephone Directory
	WILSON JOHN W	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
1962	Balderston Theo	Pacific Telephone
1950	MERCER ROBT R	The Pacific Telephone & Telegraph Co.
	OWENS LEWIS R	The Pacific Telephone & Telegraph Co.
	SCHNEIDER FRAEK A R	The Pacific Telephone & Telegraph Co.
	STEVENS RAYR	The Pacific Telephone & Telegraph Co.
1945	MEIGS OLIVER J R	The Pacific Telephone & Telegraph Co.
	SMALLEY EDNA M R	The Pacific Telephone & Telegraph Co.
1943	BROWN Consuela Mrs br mgr Cameo No Five r	R. L. Polk & Co.
	BROWN Gene Consuela h	R. L. Polk & Co.
	Chaffee Chas D Eliz B h	R. L. Polk & Co.
	Cook Jas E Eleanore M welder h	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1943	Derby Eunice M Mrs h	R. L. Polk & Co.
	Meigs Oliver J Fern h	R. L. Polk & Co.
	Nash Margot L Mrs sten Pub Sch r	R. L. Polk & Co.
	Smalley Edna M wid E W h	R. L. Polk & Co.
	WEBSTER Viola M mach opr r	R. L. Polk & Co.
1938	SMALLEY EDNA M R	Pacific Telephone
1933	ALBERTONI ALBT E R	R. L. Polk & Co.
	ALBERTONI ANNIE M (WID A E) H	R. L. Polk & Co.
	HUGHES RICHD R	R. L. Polk & Co.
1928	Rennie Arnold whsemn R	R.L. Polk and Co of California
	Rinne Arnold tilewkr R	R.L. Polk and Co of California
	Albertoni Albt E shtmtlwkr R	R.L. Polk and Co of California
	Annie M wid Elvezio H	R.L. Polk and Co of California
	Bahr Henry steel wkr R	R.L. Polk and Co of California
	Coutts Jessie B R	R.L. Polk and Co of California
	Calhoun Richd tllcstr R	R.L. Polk and Co of California

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Year	Uses	Source
2006	BARKSDALEKaril	Haines Company, Inc.
	HARRISON Allaan	Haines Company, Inc.
	WHITFIELD Lashun	Haines Company, Inc.
2000	103 HENDERSON ADREIAN	Pacific Bell
1996	303 WORLD CLASS MAINTENANCE	PACIFIC BELL DIRECTORY
1992	103 REED D	PACIFIC BELL DIRECTORY
1991	Maryland Denise	PACIFIC BELL WHITE PAGES
	Reed D	PACIFIC BELL WHITE PAGES
	Reed D C	PACIFIC BELL WHITE PAGES
1986	Daniels Chas	PACIFIC BELL WHITE PAGES
	Daniels Chris P	PACIFIC BELL WHITE PAGES
	Duthie Debra	PACIFIC BELL WHITE PAGES
	Reed D	PACIFIC BELL WHITE PAGES
	Vaez Morteza M	PACIFIC BELL WHITE PAGES
	Vafai Hasan	PACIFIC BELL WHITE PAGES
	Williams M	PACIFIC BELL WHITE PAGES
1980	Boudreaux Shirley	Pacific Telephone
	Cox Lori	Pacific Telephone
	Daniels Chas	Pacific Telephone
	Moon Sharon	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Riley C L Jr	Pacific Telephone
	Vital J	Pacific Telephone
1975	BISHOP S R	Pacific Telephone
	EDWARDS ADDISON	Pacific Telephone
	FGRTSON JANIS	Pacific Telephone
	KIZIRIAN VAZKEN	Pacific Telephone
	LUZANO EDW	Pacific Telephone
	LYONS JOAN	Pacific Telephone
	MUCKER DARRN	Pacific Telephone
1970	ANDERSON ROBT L	Pacific Telephone Directory
	BISHOP SADYE	Pacific Telephone Directory
	CONNELL DARYL	Pacific Telephone Directory
	COPE MIKEL	Pacific Telephone Directory
	FRANCO J V	Pacific Telephone Directory
	FRY VADA A	Pacific Telephone Directory
	GUTIERREZ DAVID H	Pacific Telephone Directory
	KIZIRIAN VAZKEN	Pacific Telephone Directory
	MUIR TONI	Pacific Telephone Directory
	O BRIEN F J	Pacific Telephone Directory
	ROUNTREE ROBT	Pacific Telephone Directory
	SMULLIN DONALD E	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
1950	WHITE DAVID W R	The Pacific Telephone & Telegraph Co.
	BOYD A D R	The Pacific Telephone & Telegraph Co.
	KENNEDY JAS W R	The Pacific Telephone & Telegraph Co.
	KRISHER E A R	The Pacific Telephone & Telegraph Co.
1945	ELSON H C MRS R	The Pacific Telephone & Telegraph Co.
1943	Elson Hannah C Mrs h	R. L. Polk & Co.
	Rempp Harvey W asmblr Grove Regulator Co r	R. L. Polk & Co.
1928	Inc Anita G siswmn R	R.L. Polk and Co of California
	Univ Clyde L stdt R	R.L. Polk and Co of California
	Channing Rufus T Lela M stmftr H	R.L. Polk and Co of California
	Mac Callum Gladys L wid Donald nurse R	R.L. Polk and Co of California

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Year	Uses	Source
2008	DESIGN ON MOSS	Cole Information Services
2006	e HOGANSean	Haines Company, Inc.

FINDINGS

Year	Uses	Source
1996	PELLER AMINI B	PACIFIC BELL DIRECTORY
	HAMMOND H	PACIFIC BELL DIRECTORY
1992	HAMMOND H	PACIFIC BELL DIRECTORY
	PERRY CHARLES D PHD	PACIFIC BELL DIRECTORY
1991	Perry Charles D Ph D	PACIFIC BELL WHITE PAGES
	Killough D	PACIFIC BELL WHITE PAGES
	Killoren Kelly	PACIFIC BELL WHITE PAGES
	Killoran M	PACIFIC BELL WHITE PAGES
1986	Killough S A	PACIFIC BELL WHITE PAGES
	Killoran M	PACIFIC BELL WHITE PAGES
	Killoran M	PACIFIC BELL WHITE PAGES
1970	TOY LARRY G S	Pacific Telephone Directory
	SALSBURY RUSSELL	Pacific Telephone Directory
	SALSBURY MORTON INFORMATION SYSTEMS CORP	Pacific Telephone Directory
	MORTON ERWIN JR	Pacific Telephone Directory
	DECISION SYSTEMS	Pacific Telephone Directory
1962	Yetter Frank L r	Pacific Telephone
1955	YETTER FRANK L R	The Pacific Telephone & Telegraph Co.
1950	YESZIN SAM R	The Pacific Telephone & Telegraph Co.
1943	Yetter Frank L Helen B h	R. L. Polk & Co.
1933	YETTER FRANK L (HELEN V) H	R. L. Polk & Co.
1928	Yetter Frank L Helen H	R.L. Polk and Co of California

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Year	Uses	Source
2008	HAPPY GO LUCKY DESIGNS	Cole Information Services
2006	LAWRENCE David	Haines Company, Inc.
1996	ROSEN LEE	PACIFIC BELL DIRECTORY
	ROSEN LEE	PACIFIC BELL DIRECTORY
1992	ROSEN LEE	PACIFIC BELL DIRECTORY
	ROSEN LEE	PACIFIC BELL DIRECTORY
1991	Rosen M	PACIFIC BELL WHITE PAGES
	Rosen Lee	PACIFIC BELL WHITE PAGES
	Rosen Lee	PACIFIC BELL WHITE PAGES
1986	White Jas E	PACIFIC BELL WHITE PAGES
1980	Mayo V	Pacific Telephone
1975	BRADEY WM	Pacific Telephone
1967	CEREZO VALFNTINE F MRS	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1962	Cerezo Valentine F	Pacific Telephone
1955	CHAN M H	The Pacific Telephone & Telegraph Co.
1950	DUTRO JOHN A MRS R	The Pacific Telephone & Telegraph Co.
1945	JEFFREYS E R	The Pacific Telephone & Telegraph Co.
1943	Jeffreys Evan Bonnie M mgr United Artists Theatre h	R. L. Polk & Co.
1933	WITTCHOW RALPH UPHOL R	R. L. Polk & Co.
	WITTCHOW HILDA STEN R	R. L. Polk & Co.
	WITTCHOW MINNIE (WID JULE) H	R. L. Polk & Co.
1928	Ruhland Emil Marthn slamn H	R.L. Polk and Co of California
	Gault John 0 slsmn R	R.L. Polk and Co of California

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Year	Uses	Source
2006	e TAYLOR Kimberly	Haines Company, Inc.
1986	Schmalz Riedt F E	PACIFIC BELL WHITE PAGES
1980	Bradley Wm	Pacific Telephone
1970	PALMA FRANK MRS	Pacific Telephone Directory
1967	UMPHRFSS PORT J	R. L. Polk Co.
1962	Hardt Gordon R	Pacific Telephone
1955	CANTY H J	The Pacific Telephone & Telegraph Co.
1950	BURNELL EDW MRS R	The Pacific Telephone & Telegraph Co.
1943	QUINN JAMES H Olga Member Oakland City Council Editor Mgr East Bay Labor Journal and Journal Press h	R. L. Polk & Co.
1933	SKETCHLEY CONSUELO R	R. L. Polk & Co.
	SKETCHLEY MANUELA (WID CHAS) H	R. L. Polk & Co.
1928	Sketchley Consuelo R	R.L. Polk and Co of California
	Sketchley Manuela wid Chas H	R.L. Polk and Co of California

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Year	Uses	Source
2006	EMBRYLyd Ia	Haines Company, Inc.
2000	EMBRY LYDIA	Pacific Bell
1996	EMBRY LYDIA	PACIFIC BELL DIRECTORY
1992	EMBRY LYDIA	PACIFIC BELL DIRECTORY
1991	Embry Lydia	PACIFIC BELL WHITE PAGES
	Embry Riddle Aeronautical University Naval Air Station Almda	PACIFIC BELL WHITE PAGES
1986	Embry Lydia	PACIFIC BELL WHITE PAGES
	Embry Riddle Aeronautical University	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Embry Theron	PACIFIC BELL WHITE PAGES
1980	Embry Lydia	Pacific Telephone
1975	IRVIN RAY S	Pacific Telephone
1970	IRVIN RAY S	Pacific Telephone Directory
1967	IRVIN RAY S	R. L. Polk Co.
1962	Irvin Ray S	Pacific Telephone
1955	IRVIN RAY S	The Pacific Telephone & Telegraph Co.
1950	IRVIN RAY S R	The Pacific Telephone & Telegraph Co.
1945	HALPERN J R	The Pacific Telephone & Telegraph Co.
1943	Halpern Jacob Minnie tailor h	R. L. Polk & Co.
1933	RISEDORPH EARL F (SARAH) POLICE OPD H	R. L. Polk & Co.
1928	av Henry W Alice V slsmn H	R.L. Polk and Co of California
	av Jacqueline J R	R.L. Polk and Co of California

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Year	Uses	Source
2006	MAHKtm	Haines Company, Inc.
2000	MAH KIM	Pacific Bell
1996	MAH KIM	PACIFIC BELL DIRECTORY
1992	MAH KIM	PACIFIC BELL DIRECTORY
1991	Mah L	PACIFIC BELL WHITE PAGES
	Mah Kim	PACIFIC BELL WHITE PAGES
	Mahi L	PACIFIC BELL WHITE PAGES
1986	Mah Kim	PACIFIC BELL WHITE PAGES
	Mah L	PACIFIC BELL WHITE PAGES
	Mah M L	PACIFIC BELL WHITE PAGES
1970	JACKMAN DON E	Pacific Telephone Directory
1967	CLARK AGATHA P OL	R. L. Polk Co.
1962	Clark A Pearl	Pacific Telephone
1955	LACOSTE ARTHUR J	The Pacific Telephone & Telegraph Co.
1950	LACOSTE ARTHUR J R	The Pacific Telephone & Telegraph Co.
1943	Eichler Frank J Anna M elec eng h	R. L. Polk & Co.
1933	EICHLER FRANK J (ANNA M) ELECTN H	R. L. Polk & Co.
1928	cent Frank J Anna M electn H	R.L. Polk and Co of California

7A MOSS AVE

Year	Uses	Source
1945	SEAVEY MERLE L R	The Pacific Telephone & Telegraph Co.

FINDINGS

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Year	Uses	Source
1955	CLEMENTS EDW	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1970	SCOTT CO HEATNG & PLMBNG	Pacific Telephone Directory

OAKLAND AVE

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Year	Uses	Source
1970	GAGE HERBERT E JR	Pacific Telephone Directory
	BAHA I HOUSE	Pacific Telephone Directory
1967	YOMANS LELAND N	R. L. Polk Co.
1962	Yomans Floy Mrs r	Pacific Telephone
1955	YOMANS FLOY MRS R	The Pacific Telephone & Telegraph Co.
1950	SCHIFFMAN J R	The Pacific Telephone & Telegraph Co.
1945	SCHIFFMAN F R	The Pacific Telephone & Telegraph Co.
1943	Schiffman Jacob used clo r	R. L. Polk & Co.
	Shiffman Jacob Fannie slsmn h	R. L. Polk & Co.
1938	SCHIFFMAN HELEN R	Pacific Telephone
1933	SCHIFFMAN JACOB L (FANNIE) 2D HD CLO	R. L. Polk & Co.
	SCHIFFMAN IDA R	R. L. Polk & Co.
	SCHIFFMAN CLAIRE R	R. L. Polk & Co.
1928	Schiffman Jacob Fannie 2d hd gds	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
1920	ARNOLD ORA A R	R. L. Polk & Co. of California

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Year	Uses	Source
1967	POINTER AARON E	R. L. Polk Co.
1962	Pointer Elton Rev	Pacific Telephone
1955	HOMECRAFT PAINTING CO	The Pacific Telephone & Telegraph Co.
	WENDSCHLAG ED	The Pacific Telephone & Telegraph Co.
1943	Rope Thelma C nurse r	R. L. Polk & Co.
	Simpson Josephine A wid J R r	R. L. Polk & Co.
	Elwood Saml r	R. L. Polk & Co.
	Reagles Vernie G Mrs nurse h	R. L. Polk & Co.
1938	MCCLELLAND L D R	Pacific Telephone

FINDINGS

Year	Uses	Source
1933	BALSZ HENRY H (SONORA TAMALE CO) R	R. L. Polk & Co.
	BALZ HENRY MEATCTR R	R. L. Polk & Co.
	HANEY WM C (SONORA TAMALE CO) R	R. L. Polk & Co.
	HODGES EDW D (SONORA TAMALE CO) R	R. L. Polk & Co.
	PARKER TENIA H	R. L. Polk & Co.
1928	Mc Cbhns E Edith lawyer	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
	Noin Caroline bkpr Blackman Anderson M & L Co R	R.L. Polk and Co of California
1920	HAYES MRS JOEL A R	R. L. Polk & Co. of California
	MORRIS MISS LILLIAN E R	R. L. Polk & Co. of California

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Year	Uses	Source
1970	HOUKE D	Pacific Telephone Directory
1967	HUDSON BARBARA B MRS	R. L. Polk Co.
	WARREN PAUL K	R. L. Polk Co.
1955	GOLDBERG SOLOMON	The Pacific Telephone & Telegraph Co.
	CHAMBERS CHAS M R	The Pacific Telephone & Telegraph Co.
1950	JARMANN FRITZ F R	The Pacific Telephone & Telegraph Co.
	CHAMIIIBERS CHAS M R	The Pacific Telephone & Telegraph Co.
1945	LIVINGSTON GORDON R	The Pacific Telephone & Telegraph Co.
1943	Frease Steve shipydwkr r	R. L. Polk & Co.
	Livingston Earl C r	R. L. Polk & Co.
	Livingston Gordon D Madeline E inspr h	R. L. Polk & Co.
1938	ZALES MINNIE R	Pacific Telephone
1933	LUCHT RUDOLPH (WILHELMINA) GDNR H	R. L. Polk & Co.
1920	STEINHEIMER J A R	R. L. Polk & Co. of California

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Year	Uses	Source
1970	DESPAIN DALE A	Pacific Telephone Directory
1967	BLOOM VIRGINIA L MRS	R. L. Polk Co.
	CLIFFORD L J	R. L. Polk Co.
1962	Clifford Everett W	Pacific Telephone
1955	CLIFFORD EVERETT W R	The Pacific Telephone & Telegraph Co.
1950	CLIFFORD EVERETT W R	The Pacific Telephone & Telegraph Co.
1945	CLIFFORD E W R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1943	Walter Leonie E wid Morris h	R. L. Polk & Co.
1933	WALTER MAURICE (LEONIE) FL MGR B F SCHLESINGER & SONS H	R. L. Polk & Co.
1928	Loodon Genevieve H compt opr R	R.L. Polk and Co of California
	Clara Maurice Leonie E H	R.L. Polk and Co of California
	WALTERS Maurice fi mgr B F Schlesinger & Sons R	R.L. Polk and Co of California
1920	WALTER MAURICE R	R. L. Polk & Co. of California

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Year	Uses	Source
1967	VACANT	R. L. Polk Co.
1950	WYCKOFF HARRY A DR R	The Pacific Telephone & Telegraph Co.
1943	Wyckoff Harry A Safa phys h	R. L. Polk & Co.
1938	WYCKOFF HARRY A DR R	Pacific Telephone
1933	WYCKOFF HARRY A (SAFA) PHYS H	R. L. Polk & Co.
1928	R Harrv Rafa driver H	R.L. Polk and Co of California
1920	WYCKOFF HARRY A MD R	R. L. Polk & Co. of California

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Year	Uses	Source
2006	OLSSON Thomas	Haines Company, Inc.

419 OAKLAND AVE

Year	Uses	Source
1962	Flash Thos	Pacific Telephone
1955	FLASH THOS	The Pacific Telephone & Telegraph Co.
1943	Cooper Amelia Mrs h	R. L. Polk & Co.
1933	NESTMAN JOS F AUTO ELECTN H	R. L. Polk & Co.
1928	rd Eu B stdt R	R.L. Polk and Co of California
	Mc Anna Mrs H	R.L. Polk and Co of California

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Year	Uses	Source
1970	OAKS UNO	Pacific Telephone Directory
	MALLONI A P	Pacific Telephone Directory
	ANDERSON JOHN	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	I ANDERSON JOHN P	R. L. Polk Co.
	MAIOLINO JOHN	R. L. Polk Co.
	VACANT	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1962	Wetzlar Theo	Pacific Telephone
	Graupmann Lorin	Pacific Telephone
1955	BLOUNT E G	The Pacific Telephone & Telegraph Co.
1950	REINHARDT WMI H R	The Pacific Telephone & Telegraph Co.
	JORY ARTHUR T R	The Pacific Telephone & Telegraph Co.
	KUHN MAY L R	The Pacific Telephone & Telegraph Co.
1943	Farno Alice h	R. L. Polk & Co.
1938	FARNO C MRS R	Pacific Telephone
1933	FARNO CLARIBEL A MGR PURE CARBONIC INC R	R. L. Polk & Co.
	FARNO WM E H	R. L. Polk & Co.
1928	Farno Wm E news asgt R	R.L. Polk and Co of California
	Farno Claribelle A bkpr R	R.L. Polk and Co of California
	Farno Clara wid A C h R	R.L. Polk and Co of California
1920	FARNO MRS C R	R. L. Polk & Co. of California

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Year	Uses	Source
2006	WARD Mani St	Haines Company, Inc.
	WESTBROOKWa Ia Ia	Haines Company, Inc.
	CHEL4 G Hu Su Uan	Haines Company, Inc.
2000	WESTBROOK WATUTA	Pacific Bell
	1 HABTE GEADY	Pacific Bell
	BACON CARMEN	Pacific Bell
1992	8 DUREN SAM	PACIFIC BELL DIRECTORY
1991	Durfee W D	PACIFIC BELL WHITE PAGES
	Durfee M	PACIFIC BELL WHITE PAGES
	Duren Sam	PACIFIC BELL WHITE PAGES
	Dang Evan	PACIFIC BELL WHITE PAGES
	Dang Em Van	PACIFIC BELL WHITE PAGES
1986	Duret Michael	PACIFIC BELL WHITE PAGES
	Duron Sam	PACIFIC BELL WHITE PAGES
	Dang H	PACIFIC BELL WHITE PAGES
	Dang Evan	PACIFIC BELL WHITE PAGES
	Dang Em Van	PACIFIC BELL WHITE PAGES
1980	Slaughter Phyllis	Pacific Telephone
	Duren Sam	Pacific Telephone
	Beamon Florence	Pacific Telephone
1975	FINLEY GERALDINE	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	BEAMON FLORENCE	Pacific Telephone
1967	VACANT	R. L. Polk Co.
1950	HEIBERG EINAR J R	The Pacific Telephone & Telegraph Co.
1943	HOWARD Laura D wid L D h	R. L. Polk & Co.
1933	DE LILLO ANGELO (FRANCES) H	R. L. Polk & Co.
1928	De Lillo Augelo Frances baker H	R.L. Polk and Co of California
	Patrol Kath R	R.L. Polk and Co of California

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Year	Uses	Source
1980	Lum Bill L	Pacific Telephone
1975	LUM BILL L	Pacific Telephone
1970	LUM BILL L	Pacific Telephone Directory
1967	LUM BILL L	R. L. Polk Co.
1962	Lum Bill L r	Pacific Telephone
1955	LUM BILL L R	The Pacific Telephone & Telegraph Co.
1945	KEMP WM MRS R	The Pacific Telephone & Telegraph Co.
1943	Kemp Percy H USA r	R. L. Polk & Co.
	DONNELL Robt W Olive V police OPD r	R. L. Polk & Co.
	Kemp Wm Violet ydmstr h	R. L. Polk & Co.
1938	KEMP WILLIAM R	Pacific Telephone
1933	KEMP WM (VIOLET) H	R. L. Polk & Co.
1928	h Percy driver R	R.L. Polk and Co of California
	h Wim Viola adjt Volunteers of America H	R.L. Polk and Co of California
	Lakeside of Oakland	R.L. Polk and Co of California
1920	EVERSON MRS MARK R	R. L. Polk & Co. of California

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Year	Uses	Source
2006	GEE Mae	Haines Company, Inc.
1992	CHAN SIU MI	PACIFIC BELL DIRECTORY
1986	Pinkston Jerry D	PACIFIC BELL WHITE PAGES
1980	Williams C Jr	Pacific Telephone
1975	DATE GALL	Pacific Telephone
1970	NUTTER S A	Pacific Telephone Directory
	NUTTER C M	Pacific Telephone Directory
1967	NO RETURN	R. L. Polk Co.
1955	YAMAMOTO PAUL H	The Pacific Telephone & Telegraph Co.
	ECONTRIAS JULIUS	The Pacific Telephone & Telegraph Co.

FINDINGS

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Year	Uses	Source
2013	NOBLE FIELDS SCHOOL OF REAL ESTATE	Cole Information Services
2008	NOBLE FIELDS REAL ESTATE SCHOOL	Cole Information Services
2006	MAULTSBYC	Haines Company, Inc.
2000	A NOBLEFIELDS SCHOOL OF REAL ESTATE	Pacific Bell
1996	A NOBLEFIELDS SCHOOL OF REAL ESTATE	PACIFIC BELL DIRECTORY
	C HAVENS PHUONG	PACIFIC BELL DIRECTORY
1992	A FIELDS NOBLE REALTY & INVESTMENT CO	PACIFIC BELL DIRECTORY
1991	Noble Fields Realty & Investment Co	PACIFIC BELL WHITE PAGES
	Fields Noble Realty & Investment Co	PACIFIC BELL WHITE PAGES
1986	Fields Noble Realty & Investment Co	PACIFIC BELL WHITE PAGES
	Noble Fields Realty & Investment Co	PACIFIC BELL WHITE PAGES
	Oglesby Jas R	PACIFIC BELL WHITE PAGES
1980	Bernstein Dave	Pacific Telephone
	Fields Noble	Pacific Telephone
1970	SCHAAL R W	Pacific Telephone Directory
1967	A SCHAAL RUDOLPH W	R. L. Polk Co.
	B MC LAUGHLIN DONALD S	R. L. Polk Co.
	C ODGERS EVA I MRS	R. L. Polk Co.
1962	Mc Cann H W r	Pacific Telephone
	Payne Catherine	Pacific Telephone
	Payne Ivan L	Pacific Telephone
1955	MCCANN H W R	The Pacific Telephone & Telegraph Co.
1950	DE LA GROSE C F R	The Pacific Telephone & Telegraph Co.
	MC CANN H W R	The Pacific Telephone & Telegraph Co.
	SCHAAL R W R	The Pacific Telephone & Telegraph Co.
	ADAMS VERNETTE R	The Pacific Telephone & Telegraph Co.
1945	BRECK WALLACE E R	The Pacific Telephone & Telegraph Co.
	MCCANN H W R	The Pacific Telephone & Telegraph Co.
1943	Harrison Alf H tchr r	R. L. Polk & Co.
	Harrison Percy Grace passagt SPCo h	R. L. Polk & Co.
	Kestlinger John R h	R. L. Polk & Co.
	Schaal Helen C Mrs tchr Pub Sch r	R. L. Polk & Co.
	Schaal Rudolph W Helen clk h	R. L. Polk & Co.
1938	TWIGG H I R	Pacific Telephone
	SCHAAL R W R	Pacific Telephone

FINDINGS

Year	Uses	Source
1938	HARRISON PERCY R	Pacific Telephone
1933	GRONVOLD GEO R H	R. L. Polk & Co.
	SCHAAL HELEN MRS TCHR OKLD PUB SCH H	R. L. Polk & Co.
	SCHOOL RUDOLPH W (HELEN) H	R. L. Polk & Co.

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Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1975	PITTMAN CATHERINE	Pacific Telephone
1970	ALLEN JAS D	Pacific Telephone Directory
1967	INCE WALLACE E	R. L. Polk Co.

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Year	Uses	Source
2006	BROWN David L	Haines Company, Inc.
2000	1 BROWN DAVID L	Pacific Bell
1996	1 BROWN DAVID L	PACIFIC BELL DIRECTORY
1992	2 HOWARD RAINES	PACIFIC BELL DIRECTORY
	2 COHEN RAINES	PACIFIC BELL DIRECTORY
	1 BROWN DAVID L	PACIFIC BELL DIRECTORY
1991	Brown David L	PACIFIC BELL WHITE PAGES
	Matsumoto Christine	PACIFIC BELL WHITE PAGES
1980	Brown David L	Pacific Telephone
1967	BROWN MAXINE L THOMPSON A M	R. L. Polk Co.
1962	Hatfield Arlie	Pacific Telephone
	Hatfield Leslie D	Pacific Telephone
1955	KRAUSE HARRY MRS R	The Pacific Telephone & Telegraph Co.
	VEIO H A	The Pacific Telephone & Telegraph Co.
1950	KRAUSE HARRY MRS R	The Pacific Telephone & Telegraph Co.
	HYDE BERTHA ELLEN R	The Pacific Telephone & Telegraph Co.
	HENDRICK J W R	The Pacific Telephone & Telegraph Co.
1945	SCHAAL HELEN C MRS	The Pacific Telephone & Telegraph Co.
1943	Crocker Minnie M wid Hiram h	R. L. Polk & Co.
1933	CROCKER HIRAM (MINNA) H	R. L. Polk & Co.
1928	1790 Hiram Mina H	R.L. Polk and Co of California
	1790 Helen H tchr OPS R	R.L. Polk and Co of California

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Year	Uses	Source
1986	White B	PACIFIC BELL WHITE PAGES
1975	ATASES C	Pacific Telephone
1967	VACANT	R. L. Polk Co.
1962	Hunt Jon T	Pacific Telephone

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Year	Uses	Source
2006	HO Kam Lam	Haines Company, Inc.
2000	HO KAM LAM	Pacific Bell
	LE YEN	Pacific Bell
1996	HO KAM LAM	PACIFIC BELL DIRECTORY
1992	HO KAM LAM	PACIFIC BELL DIRECTORY
1980	Redding Liza	Pacific Telephone
1975	PARKER S A	Pacific Telephone
1967	HARDY STEVE	R. L. Polk Co.
1950	ARNIOLDY NEVA M R	The Pacific Telephone & Telegraph Co.
	CRTOSE JAMNES T R	The Pacific Telephone & Telegraph Co.
1920	THOMPSON MRS MAY S R	R. L. Polk & Co. of California

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Year	Uses	Source
2006	LELuc A	Haines Company, Inc.
2000	LE LUC A	Pacific Bell
1996	LE LUC A	PACIFIC BELL DIRECTORY
1992	LE LUC A	PACIFIC BELL DIRECTORY
1991	Le Man Chan	PACIFIC BELL WHITE PAGES
	Le Luc A	PACIFIC BELL WHITE PAGES
1980	Vevea Jack L	Pacific Telephone
	Kochanski K K	Pacific Telephone
1975	BRIGHT RICHARD	Pacific Telephone
1970	ORTIZ RAMON	Pacific Telephone Directory
1967	SCHICKERT MARY E MRS	R. L. Polk Co.
	ORTIZ RAMON	R. L. Polk Co.
	BEVIER LYNN	R. L. Polk Co.
1962	Francis Wm H	Pacific Telephone
1955	HARLEY MAUDE MRS RN R	The Pacific Telephone & Telegraph Co.
1950	ROBINSON FLOYD H R	The Pacific Telephone & Telegraph Co.
1945	MILLER C L MRS R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1943	MILLER Caroline L wid F E h	R. L. Polk & Co.
1938	MILLER C L MRS R	Pacific Telephone
1933	PAULY GEO C (MARGT) CHAUF H	R. L. Polk & Co.
	THOMPSON MAY S (WID WM) H	R. L. Polk & Co.
	QUINER CECIL SLSMN WHITTHORNE & SWAN R	R. L. Polk & Co.
1928	Berring Marion Mrs hairdrsr R	R.L. Polk and Co of California
	BROWN Grace Mrs H	R.L. Polk and Co of California
	bany Harold R slsmn R	R.L. Polk and Co of California
1920	DODGE CHAS E R	R. L. Polk & Co. of California

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Year	Uses	Source
1967	CRUSE MARGT MRS	R. L. Polk Co.
	HRYNCHAK MAE	R. L. Polk Co.
1962	Cruse Jas T r	Pacific Telephone
1955	BLACKWELL AUSTIN G	The Pacific Telephone & Telegraph Co.
	CRUSE JAS T R	The Pacific Telephone & Telegraph Co.
1950	HANSEN PHYLLIS L R	The Pacific Telephone & Telegraph Co.
	BALDWIN HELEN MRS R	The Pacific Telephone & Telegraph Co.
1945	WILLIS RALPH R R	The Pacific Telephone & Telegraph Co.
1943	Willis Ralph R Gaynel mech h	R. L. Polk & Co.
1938	CLARK F R	Pacific Telephone
1933	ERICKSON OSCAR H	R. L. Polk & Co.
	ROSENBERG EDWIN C (G LUCILE) SLSMN PG & ECO H	R. L. Polk & Co.
1928	B Edw C May L auto mech H	R.L. Polk and Co of California

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Year	Uses	Source
1967	INNIRELLO MILIO	R. L. Polk Co.
1962	Holmquist Ruth	Pacific Telephone
1955	ASCHOFF HENRY	The Pacific Telephone & Telegraph Co.
	FREDERIKSEN JOHN	The Pacific Telephone & Telegraph Co.
1950	RAYMOND ESTELLE L R	The Pacific Telephone & Telegraph Co.
1945	YOUNG E W R	The Pacific Telephone & Telegraph Co.
	CRUSE JAMES T R	The Pacific Telephone & Telegraph Co.
1943	Gennochio Zee r	R. L. Polk & Co.
	Gennochio Dorothy card writer HCCCo r	R. L. Polk & Co.
	Cruse Jas T Dorothy USA h	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1943	Cruse Dorothy G Mrs cardwriter HCCCo r	R. L. Polk & Co.
	Beavers Darrel Pearl h	R. L. Polk & Co.
	Bayers Lou Jacqueline USCG h	R. L. Polk & Co.
1938	WILLIS RALPH R R	Pacific Telephone
	STINE G TREVOR R	Pacific Telephone
	MYERS ALVA R	Pacific Telephone
1933	FAKE LENA N H	R. L. Polk & Co.
	ZOLLING EVERETT S (GLADYS) ACCT H	R. L. Polk & Co.
	SCAMMON INEZ E MRS SLSWN H	R. L. Polk & Co.
1928	Stolz Roy H Marcella C aud H	R.L. Polk and Co of California
	Stolz Geo H R	R.L. Polk and Co of California
	h Ethel I bkpr R	R.L. Polk and Co of California
	h Effe A Mrs H	R.L. Polk and Co of California

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Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	3 SNYDER STEPHANIE	Pacific Bell
1992	3 TRUMAN JOSHUA M	PACIFIC BELL DIRECTORY
1991	Bitzer M	PACIFIC BELL WHITE PAGES
	Truman Joshua M	PACIFIC BELL WHITE PAGES
1980	Mayo Cal H	Pacific Telephone
	Williams Johnny Lee	Pacific Telephone
1975	CIRUSO M J	Pacific Telephone
1970	DELSCHLAGEL ROBT	Pacific Telephone Directory
	MEEKER JOS	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	I THOMAS ROBT	R. L. Polk Co.
	FRANCIS WM H	R. L. Polk Co.
	JACKSON ALEX N	R. L. Polk Co.
	TUNNELL MARILYN L	R. L. Polk Co.
1962	Thompson Dolores	Pacific Telephone
	Thompson John	Pacific Telephone
1955	ORNE CARL G	The Pacific Telephone & Telegraph Co.
	SIMPKINS RONALD B	The Pacific Telephone & Telegraph Co.
1950	CAUDLE WM P R	The Pacific Telephone & Telegraph Co.
	RUSSELL HOWARD A R	The Pacific Telephone & Telegraph Co.
1945	WALTERS ROXY R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1943	Walter Roxanna wid C F h	R. L. Polk & Co.
1928	Billington Grant E R	R.L. Polk and Co of California
1920	BILLINGTON G G R	R. L. Polk & Co. of California

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Year	Uses	Source
1986	Branch Bennie F	PACIFIC BELL WHITE PAGES
	Branch Andrea	PACIFIC BELL WHITE PAGES
1980	Brown Ressie	Pacific Telephone
1975	BROWN RESSIE	Pacific Telephone
1970	BROWN RESSIE	Pacific Telephone Directory
1967	BROWN RESSIE M	R. L. Polk Co.
1962	Brown Ressie r	Pacific Telephone
1955	BROWN RESSIE R	The Pacific Telephone & Telegraph Co.
1945	BROWN RESSIE R	The Pacific Telephone & Telegraph Co.
1943	Brown Ressie M ofc nurse J H Stark r	R. L. Polk & Co.

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Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1980	Peterson M A	Pacific Telephone
	Motroni Ara	Pacific Telephone
1975	BAILEY B R	Pacific Telephone
1967	STILLWELL PICHD H 444 61 B	R. L. Polk Co.
1962	Wylie Thos H	Pacific Telephone
	Stillwell Richard	Pacific Telephone
1955	LAINE JOHN MRS	The Pacific Telephone & Telegraph Co.
1950	STRATOS GEE H R	The Pacific Telephone & Telegraph Co.
1945	FITCH EARL A R	The Pacific Telephone & Telegraph Co.
1943	Fitch Earl A Mary E h	R. L. Polk & Co.
	Fitch Mary E sten Washington Mkt r	R. L. Polk & Co.
	Short Allie M wid E M r	R. L. Polk & Co.

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Year	Uses	Source
2006	ELOTony	Haines Company, Inc.
	WILLIAMS Sabah	Haines Company, Inc.
1992	WASCO MIKE	PACIFIC BELL DIRECTORY
1991	Kramer D F	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Kramer DL	PACIFIC BELL WHITE PAGES
	Kramer Dick	PACIFIC BELL WHITE PAGES
	Kramer E	PACIFIC BELL WHITE PAGES
	Kramer E J	PACIFIC BELL WHITE PAGES
	Kramer Eileen	PACIFIC BELL WHITE PAGES
	Kramer Eve	PACIFIC BELL WHITE PAGES
	Wasco Mike	PACIFIC BELL WHITE PAGES
	Wasdon N E	PACIFIC BELL WHITE PAGES
1986	Kramer D F	PACIFIC BELL WHITE PAGES
	Phelper Danny	PACIFIC BELL WHITE PAGES
	Phe Iphs K	PACIFIC BELL WHITE PAGES
	Wasco Mike	PACIFIC BELL WHITE PAGES
	Wascovich J F	PACIFIC BELL WHITE PAGES
1980	Gourd Tony	Pacific Telephone
	Hussein Sueedk	Pacific Telephone
1975	PINEDO A	Pacific Telephone
1970	EHM S C	Pacific Telephone Directory
	HAUSLER JOHN A	Pacific Telephone Directory
	LAMON LESLIE	Pacific Telephone Directory
	MCLEAN M L	Pacific Telephone Directory
	TOYOTOME JOIE	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	I VACANT	R. L. Polk Co.
	WILEY RUSSELL	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	SHADRICK MORGAN	R. L. Polk Co.
	VACANT	R. L. Polk Co.
1962	Shawen Jack D	Pacific Telephone
1955	MCCANN HARRY R	The Pacific Telephone & Telegraph Co.
	POWNALL WALLACE H	The Pacific Telephone & Telegraph Co.
	RICHARDSON ROY D	The Pacific Telephone & Telegraph Co.
	TROXEL JESS R	The Pacific Telephone & Telegraph Co.
1950	MALCOLM NM R	The Pacific Telephone & Telegraph Co.
	WILLIALM DONALD G R	The Pacific Telephone & Telegraph Co.
	WRIGHT TEP R	The Pacific Telephone & Telegraph Co.
1945	MALCOLM M R	The Pacific Telephone & Telegraph Co.
1943	Burnham Calvin r	R. L. Polk & Co.
	Malcolm Louetta Z wid R G h	R. L. Polk & Co.

Year	Uses	Source
1943	Malcolm Mildred clk EBMUD r	R. L. Polk & Co.
	Vocovich Philip r	R. L. Polk & Co.
	Vucovich Kathryn L Mrs clk r	R. L. Polk & Co.
1938	HASSETT GEORGE L MRS R	Pacific Telephone
	HASTINGS HENRY M R	Pacific Telephone
	KOENIG FRED G R	Pacific Telephone
1933	HASSETT E L MARIE (WID G L) H	R. L. Polk & Co.
	HASTINGS HENRY M (HELENE) (HASTINGS GRAPHIC SYSTEMS) H	R. L. Polk & Co.
	KOENIG FRED G (H M LOUISE) REAL EST	R. L. Polk & Co.
1920	HASTINGS H M R	R. L. Polk & Co. of California
	KOENIG FREDERICK G R	R. L. Polk & Co. of California

446 OAKLAND AVE

Year	Uses	Source
2006	CASSIDY Janet	Haines Company, Inc.
2000	PAGET JILL	Pacific Bell
1992	TAURUS CONSTRUCTION CO	PACIFIC BELL DIRECTORY
1991	Taurus Construction Co	PACIFIC BELL WHITE PAGES
1986	Taurus Construction Co	PACIFIC BELL WHITE PAGES
1970	MUNDT N K	Pacific Telephone Directory
1967	WILHELM JACK	R. L. Polk Co.
1962	Shiryon Michael	Pacific Telephone
1955	POST EDW M	The Pacific Telephone & Telegraph Co.
1950	WEST FRED C R	The Pacific Telephone & Telegraph Co.
1945	MATHESON A E R	The Pacific Telephone & Telegraph Co.
1943	Kinnear Albt E clk r	R. L. Polk & Co.
	Dickson Gertrude A Mrs baker h	R. L. Polk & Co.

448 OAKLAND AVE

Year	Uses	Source
2006	SPERRY Natalie K	Haines Company, Inc.
2000	WILLIAMS MARK	Pacific Bell
1996	POWELSON KENNETH	PACIFIC BELL DIRECTORY
1992	POWELSON KENNETH	PACIFIC BELL DIRECTORY
1991	Powelson Kenneth	PACIFIC BELL WHITE PAGES
1980	Masterson E L	Pacific Telephone
1970	UNDERWOOD RICHARD L	Pacific Telephone Directory
1967	UNDERWOOD RICHD L	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1962	Underwood Richard L	Pacific Telephone
1955	PARKER MARVIN GENE	The Pacific Telephone & Telegraph Co.
	DRAGO SAM J	The Pacific Telephone & Telegraph Co.
1950	CALOGERIS C D R	The Pacific Telephone & Telegraph Co.
1945	CALOGERIS C D R	The Pacific Telephone & Telegraph Co.

449 OAKLAND AVE

Year	Uses	Source
1955	AITKEN JAS R	The Pacific Telephone & Telegraph Co.
1950	AITKEN JAS R	The Pacific Telephone & Telegraph Co.
1945	STOCKMAR WALTER M R	The Pacific Telephone & Telegraph Co.
	REID MINNIE K R	The Pacific Telephone & Telegraph Co.
	DUNDAS ROY C MRS R	The Pacific Telephone & Telegraph Co.
	PALMER ALFRED THOMPSON R	The Pacific Telephone & Telegraph Co.
1943	Patchett May clk r	R. L. Polk & Co.
	Dundas Roy C Harriet E h	R. L. Polk & Co.
	Stockmas Walter Madeline inspr NSB h	R. L. Polk & Co.
1938	PATCH DONALD L R	Pacific Telephone
1933	PATCH GEO E (JANETT D) H	R. L. Polk & Co.
	PATCH GEO A (HAZEL) SLSMN H	R. L. Polk & Co.
	PATCH DONALD L SLSMN R	R. L. Polk & Co.
1920	HEINEKEN MRS M L R	R. L. Polk & Co. of California

452 OAKLAND AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1986	Hickam M Gregory	PACIFIC BELL WHITE PAGES
	Hickam P S	PACIFIC BELL WHITE PAGES
	Kutp Robt	PACIFIC BELL WHITE PAGES
	Kulpakko Jon & Randi	PACIFIC BELL WHITE PAGES
	Kultala E	PACIFIC BELL WHITE PAGES
1980	Barnes A	Pacific Telephone
1975	ELLIS LLOYD	Pacific Telephone
1970	YASUDA KATSUYA	Pacific Telephone Directory
	SOLH RIAD T	Pacific Telephone Directory
	MILLSAP V L	Pacific Telephone Directory
	DAVIS PATRICK E	Pacific Telephone Directory
1967	EGAWA R T	R. L. Polk Co.
1962	Merrill Richard H	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	Merrill Inez H	Pacific Telephone
	Lerch Rose	Pacific Telephone
	Lerch Leon	Pacific Telephone
	Coffelt D W	Pacific Telephone
1955	SAUSSET ADRIENNE	The Pacific Telephone & Telegraph Co.
	LERCH ROSE	The Pacific Telephone & Telegraph Co.
	LERCH LEON	The Pacific Telephone & Telegraph Co.
	BARCLAY JAMES MRS R	The Pacific Telephone & Telegraph Co.
1950	SILVER STANLEY C R	The Pacific Telephone & Telegraph Co.
	LERCH S R	The Pacific Telephone & Telegraph Co.
	CRAIG CLARENCE R	The Pacific Telephone & Telegraph Co.
	BARCLAY JAMINES MRS R	The Pacific Telephone & Telegraph Co.
1945	LERCH S R	The Pacific Telephone & Telegraph Co.
	LERCH H R	The Pacific Telephone & Telegraph Co.
	BARCLAY JAMES MRS R	The Pacific Telephone & Telegraph Co.
1943	Xenos Geo D Helen B waiter h	R. L. Polk & Co.
	Taloff Jos Arleen electn h	R. L. Polk & Co.
	Brown Chas T Stella carp h	R. L. Polk & Co.
	Taloff Arleen bkpr Newman & Korn r	R. L. Polk & Co.
1928	PIEDMONT FRENCH CLEANING & DYEWORKS W G Gardner Aug Creyesels F Calmette French Dry Cleaners	R.L. Polk and Co of California

460 OAKLAND AVE

Year	Uses	Source
2006	WHITE Esinklue	Haines Company, Inc.
	STEWARTAZ	Haines Company, Inc.
	a MASanlbrd	Haines Company, Inc.
2000	4 STEWART A Z	Pacific Bell
	2 POWELL JAZZ X	Pacific Bell
1996	4 STEWART A Z	PACIFIC BELL DIRECTORY
	2 SMITH PAULETTE	PACIFIC BELL DIRECTORY
1992	4 STEWART A Z	PACIFIC BELL DIRECTORY
1991	Ghelerter Lisa	PACIFIC BELL WHITE PAGES
	Stewart AZ	PACIFIC BELL WHITE PAGES
1986	Stewart AZ	PACIFIC BELL WHITE PAGES
1975	HAYTER NETTLE MRS	Pacific Telephone
1970	HAYTER NETTIE MRS	Pacific Telephone Directory
	JOHNSTON HORACE E	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	RODE LINCOLN	Pacific Telephone Directory
1967	HAYTER N MRS	R. L. Polk Co.
	PRATT C H	R. L. Polk Co.
	RODE LINCOLN	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	JOHNSTON H E	R. L. Polk Co.
1962	Hayter Nettie Mrs	Pacific Telephone
	Johnston Horace E	Pacific Telephone
	Rode Lincoln r	Pacific Telephone
	Watson John M r	Pacific Telephone
1955	FITZPATRICK T M R	The Pacific Telephone & Telegraph Co.
	HAYTER NETTIE MRS R	The Pacific Telephone & Telegraph Co.
	RODE LINCOLN R	The Pacific Telephone & Telegraph Co.
	WATSON JOHN M R	The Pacific Telephone & Telegraph Co.
1950	HAYTER NETTIE MRS R	The Pacific Telephone & Telegraph Co.
	FITZPATRICK T M JRR	The Pacific Telephone & Telegraph Co.
	FITZPATRICK T M R	The Pacific Telephone & Telegraph Co.
	CLAUSER J R R	The Pacific Telephone & Telegraph Co.
1945	CLAUSER J R R	The Pacific Telephone & Telegraph Co.
	FITZPATRICK T M R	The Pacific Telephone & Telegraph Co.
	HAYTER NETTIE MRS R	The Pacific Telephone & Telegraph Co.
1943	Clauser Beatrice B Mrs gift shop r	R. L. Polk & Co.
	Clauser John R Beatrice gas sta h	R. L. Polk & Co.
	Fitzpatrick Thos M Irene L tchr Pub Sch h	R. L. Polk & Co.
	HOOVER L V dept supt MDDCo h	R. L. Polk & Co.
	Leonard David Addie h	R. L. Polk & Co.

461 OAKLAND AVE

Year	Uses	Source
1955	SPRINGSTEEN ED B	The Pacific Telephone & Telegraph Co.
1950	NOLL LELA R	The Pacific Telephone & Telegraph Co.
	SPRINGSTEEN A L MRS R	The Pacific Telephone & Telegraph Co.
1943	Hall Helena nurse r	R. L. Polk & Co.
	NAIL Irma A bkpr W C Alexander r	R. L. Polk & Co.
	Noll Lela tchr Pub Sch r	R. L. Polk & Co.
	Springsteen Gertrude wid A L h	R. L. Polk & Co.
	Twede Esther nurse r	R. L. Polk & Co.
1938	SPRINGSTEEN A L MRS R	Pacific Telephone

Year	Uses	Source
1933	SPRINGSTEEN GERTRUDE B (WID ABR) H	R. L. Polk & Co.
	NOLL LELA TCHR OKLD PUB SCH R	R. L. Polk & Co.
	ALLEN EVELYN MRS R	R. L. Polk & Co.
1928	Springsteen Gertrude B Mrs H	R.L. Polk and Co of California
	1av Verne elk Nat Lamp Wks R	R.L. Polk and Co of California
1920	SPRINGSTEEN MRS A L	R. L. Polk & Co. of California
	JOY MRS ANNETTE T C S	R. L. Polk & Co. of California
	ORR MRS JOHN K R	R. L. Polk & Co. of California

463 OAKLAND AVE

Year	Uses	Source
1955	HAHN MICHAEL R	The Pacific Telephone & Telegraph Co.
1950	HAIN MICHAEL R	The Pacific Telephone & Telegraph Co.
1945	RICE JAMES T R	The Pacific Telephone & Telegraph Co.
1943	Rice Maxine B emp MW & Co r	R. L. Polk & Co.
	Rice Jas T Stella h	R. L. Polk & Co.
	Rice Frank Willa shipydwkr r	R. L. Polk & Co.
1938	ELSON E R	Pacific Telephone
1933	REGAN GEO P JR CLK R	R. L. Polk & Co.
	REGAN ANN CLK R	R. L. Polk & Co.
	REGAN GEO P (ANNA E) H	R. L. Polk & Co.
1928	av Geo P Annie E v pres Parker Regan Corp av H	R.L. Polk and Co of California
1920	REGAN MRS ANNA R	R. L. Polk & Co. of California

465 OAKLAND AVE

Year	Uses	Source
1955	BEER ED	The Pacific Telephone & Telegraph Co.
	COLGAN JOHN H	The Pacific Telephone & Telegraph Co.
1950	HEYWARD J B R	The Pacific Telephone & Telegraph Co.
1945	HEYWARD J B R	The Pacific Telephone & Telegraph Co.
1943	HEYWARD Wm H USA r	R. L. Polk & Co.
1938	HEYWARD J B R	Pacific Telephone
1933	LONG INEZ (WID GEO) R	R. L. Polk & Co.
	MARKLEY CHAS A (GRACE) MACH H	R. L. Polk & Co.
1928	Ferry Margt Mrs H	R.L. Polk and Co of California
	Day Bert clk R	R.L. Polk and Co of California
1920	SHARPE F WILLIS R	R. L. Polk & Co. of California

FINDINGS

466 OAKLAND AVE

Year	Uses	Source
1955	BAYERLE E B R	The Pacific Telephone & Telegraph Co.
1945	CONSTANT JAMES E R	The Pacific Telephone & Telegraph Co.
1943	Constant Jas E h	R. L. Polk & Co.
1933	JACKSON IONE F ELEV OPR R	R. L. Polk & Co.
	DUNCAN EVELYN BEAUTY OPR R	R. L. Polk & Co.
	LOOSLI CHAS C H	R. L. Polk & Co.
1928	U Myrtle B wid W T H	R.L. Polk and Co of California

467 OAKLAND AVE

Year	Uses	Source
1933	BABCOCK WM G INS AGT H	R. L. Polk & Co.
1928	22d Wm cellr H	R.L. Polk and Co of California
1920	BABCOCK S P R	R. L. Polk & Co. of California

468 OAKLAND AVE

Year	Uses	Source
1933	THOMAS THOS C (MILLICENT L) H	R. L. Polk & Co.
1928	h John B Clara M slsmn Golden Credit Oo H	R.L. Polk and Co of California
1920	KEYES CHAS E R	R. L. Polk & Co. of California

469 OAKLAND AVE

Year	Uses	Source
1943	HOOVER Thelma E sten HACo r	R. L. Polk & Co.
1933	ANDERSON HANS E (JOHANNA) CARP H	R. L. Polk & Co.
1928	House Hanis A Matilda H	R.L. Polk and Co of California

470 OAKLAND AVE

Year	Uses	Source
1933	AMAURIC ADOLPH L DRIVER R	R. L. Polk & Co.
	WELLS ANITA MRS BKPR R	R. L. Polk & Co.
	AMAURIC AUG J (IDA) GDNR H	R. L. Polk & Co.
	AMAURIC RICHD CHAUF R	R. L. Polk & Co.
	AMAURIC HERMAN R	R. L. Polk & Co.
	AMAURIC GERTRUDE STEN R	R. L. Polk & Co.
	STOKES MARY A MRS TEL OPR R	R. L. Polk & Co.
1928	dentist Thos V H Marion H	R.L. Polk and Co of California
1920	MCCAUGHEY MAJ W J R	R. L. Polk & Co. of California

FINDINGS

472 OAKLAND AVE

Year	Uses	Source
1933	ROSENSTEIN JOHN (GUSSIE) H	R. L. Polk & Co.
	ROSENSTEIN EMILY MUSIC TCHR	R. L. Polk & Co.
1928	Linden Emily B stdt R	R.L. Polk and Co of California
1920	ROSENSTEIN MRS JOHN R	R. L. Polk & Co. of California

473 OAKLAND AVE

Year	Uses	Source
1933	HAMMEL MAY D MRS R	R. L. Polk & Co.
	YOUNG JACK (CLARA F) H	R. L. Polk & Co.
1920	LANGFORD MRS ELSIE E R	R. L. Polk & Co. of California

474 OAKLAND AVE

Year	Uses	Source
1933	MACMARR STORES OPERATED BY MODERN FOOD CO OFFICE AND PLANT	R. L. Polk & Co.

477 OAKLAND AVE

Year	Uses	Source
1933	HANNA BEATTY P (GRACE) BARBER	R. L. Polk & Co.

482 OAKLAND AVE

Year	Uses	Source
1943	Mc Cann Homer W Daisie M h	R. L. Polk & Co.

485 OAKLAND AVE

Year	Uses	Source
1938	SKUCE HARRY MEAT MARKET	Pacific Telephone
	OAKLAND AV MARKET	Pacific Telephone
1933	SMITH ELVON W (ADELAIDE R) GRO	R. L. Polk & Co.
	SKUSE HARRY MEATS	R. L. Polk & Co.
1928	Piedmont Chas meats	R.L. Polk and Co of California
	land Fredk J Frances gro	R.L. Polk and Co of California

500 OAKLAND AVE

Year	Uses	Source
2008	MOSHER FINANCIAL & INSURANCE SERVI	Cole Information Services
2006	LADYZHENSKY	Haines Company, Inc.
	NATHAN	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	MOSHER FINANCIAL	Haines Company, Inc.
	AND INS SERVS	Haines Company, Inc.
	ROTHMAN MARILYN	Haines Company, Inc.
1996	JEE SOO KIM LAW OFFICE OF	PACIFIC BELL DIRECTORY
	K INTERNATIONAL MANAGEMENT	PACIFIC BELL DIRECTORY
1992	SHO OUF HAIR STUDIO	PACIFIC BELL DIRECTORY
1991	Mark At Sho Out	PACIFIC BELL WHITE PAGES
	Mark Bernard & Rosemary	PACIFIC BELL WHITE PAGES
	Marlene Mark At Sho Ouf	PACIFIC BELL WHITE PAGES
	Marler Darlene	PACIFIC BELL WHITE PAGES
	Marler Kenneth C	PACIFIC BELL WHITE PAGES
	Marler W	PACIFIC BELL WHITE PAGES
	Sho Ouf Hair Studio	PACIFIC BELL WHITE PAGES
	Showoff Hair Studio	PACIFIC BELL WHITE PAGES
	Showstoppers	PACIFIC BELL WHITE PAGES
	Showtime Commodore The Yacht	PACIFIC BELL WHITE PAGES
1986	Mannis Estelle C atty	PACIFIC BELL WHITE PAGES
1980	Citizens Action League	Pacific Telephone
1975	JONES H	Pacific Telephone
1967	METZINGER CARL J	R. L. Polk Co.
1955	CATANI ANGELO R	The Pacific Telephone & Telegraph Co.
1950	CATANI ANGELO R	The Pacific Telephone & Telegraph Co.
1945	CATANI ANGELO R	The Pacific Telephone & Telegraph Co.
1943	Pierotti Bianca C r	R. L. Polk & Co.
	Catani Angelo clo prsr h	R. L. Polk & Co.

501 OAKLAND AVE

Year	Uses	Source
1950	GIUENS GEO L R	The Pacific Telephone & Telegraph Co.
	AUTEN RALPH W O	The Pacific Telephone & Telegraph Co.
1943	Auten Ruth r	R. L. Polk & Co.
	Auten Ralph W gro h	R. L. Polk & Co.
	Auten Nellie Mrs h	R. L. Polk & Co.
	Elisha Isabell R Bedie shipydwkr h	R. L. Polk & Co.
	Hill Stanley D Lucille shipydwkr h	R. L. Polk & Co.
1938	AUTEN B O R	Pacific Telephone
1933	AUTEN BERT O (NELLIE) SHOE REPR	R. L. Polk & Co.
	HILL STANLEY D (LUCILE) PARKG STA ATDT S R DOUGLAS H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1933	AUTEN RUTH CLK R	R. L. Polk & Co.
	AUTEN RALPH SERVICEMN V J ABRUSCI R	R. L. Polk & Co.
1920	WEBB TRACY R	R. L. Polk & Co. of California
	TRACY-WEBB R	R. L. Polk & Co. of California

502 OAKLAND AVE

Year	Uses	Source
1992	NORRIS HENRI E	PACIFIC BELL DIRECTORY
1991	Norris J	PACIFIC BELL WHITE PAGES
	Norris J	PACIFIC BELL WHITE PAGES
	Norris Henri E atty	PACIFIC BELL WHITE PAGES
1986	Fingertip Control Data Systems	PACIFIC BELL WHITE PAGES
1967	SMITH PAULINE	R. L. Polk Co.
1962	Austin Margaret E	Pacific Telephone
1955	PONISIO ALICE	The Pacific Telephone & Telegraph Co.
1950	PONISIO ALICE R	The Pacific Telephone & Telegraph Co.
1945	PONISIO ALICE R	The Pacific Telephone & Telegraph Co.
1943	Ponisio Alice Mrs h	R. L. Polk & Co.

503 OAKLAND AVE

Year	Uses	Source
1955	AMMERMAN ROBT J R	The Pacific Telephone & Telegraph Co.
1950	AMMSERMAN ROBT J R	The Pacific Telephone & Telegraph Co.
1943	Zanolini Francis I driver SFRy r	R. L. Polk & Co.
	Ammerman Dorothy K Mrs slswn HCC Co r	R. L. Polk & Co.
	Ammerman Robt J Dorothy nurserymn Okld Park Dept h	R. L. Polk & Co.
1938	AMMERMAN ROBERT J R	Pacific Telephone
1920	RIES GEO A R	R. L. Polk & Co. of California

505 OAKLAND AVE

Year	Uses	Source
1933	WOHLWENT CHAS C (BERTHA) BKPR H	R. L. Polk & Co.

506 OAKLAND AVE

Year	Uses	Source
1938	HANSEN FLORENCE G R	Pacific Telephone
1920	MASSEY MRS L F R	R. L. Polk & Co. of California

FINDINGS

511 OAKLAND AVE

Year	Uses	Source
1955	HILL STANLEY	The Pacific Telephone & Telegraph Co.
1943	Thompson Clarita Mrs h	R. L. Polk & Co.
	OConnor Laurie bkpr NAB r	R. L. Polk & Co.
	Allaway Chas H Alice shipydwkr h	R. L. Polk & Co.
1938	O CONNOR A C MRS R	Pacific Telephone
1933	KRISHER VIRGINIA MRS AUTHORIZER ROOS BROS R	R. L. Polk & Co.
	KRISHER EDW A (VIRGINIA) MECH ENG H	R. L. Polk & Co.
1928	Myran Jean Mrs artist H	R.L. Polk and Co of California
	Rose Mrs R	R.L. Polk and Co of California
1920	JONES MRS CHAS W R	R. L. Polk & Co. of California

512 OAKLAND AVE

Year	Uses	Source
1955	SMITH A R	The Pacific Telephone & Telegraph Co.
1950	K(EPLEY GLENN A R	The Pacific Telephone & Telegraph Co.
1945	KEPLINGER U W R	The Pacific Telephone & Telegraph Co.
1943	Keplinger Ulysses W Sarah C h	R. L. Polk & Co.
1938	WARBURTON AMY E R	Pacific Telephone
1928	av Robt D stdt R	R.L. Polk and Co of California
1920	DORHMAN TERESSA R	R. L. Polk & Co. of California
	KERLEY MRS ALBERT C R	R. L. Polk & Co. of California

515 OAKLAND AVE

Year	Uses	Source
2006	YOHOKelly	Haines Company, Inc.
2000	FRANKO JOSEPH A	Pacific Bell
1996	CONSEIL ENGINEERING	PACIFIC BELL DIRECTORY
	TWR ASSOCIATES	PACIFIC BELL DIRECTORY
	ERIN SALES INTERNATIONAL INC	PACIFIC BELL DIRECTORY
	ERIN SALES INTERNATIONAL INC	PACIFIC BELL DIRECTORY
	EL ROSARIO	PACIFIC BELL DIRECTORY
1992	CONSEIL ENGINEERING	PACIFIC BELL DIRECTORY
	INDUSTRIAL APPLICATIONS	PACIFIC BELL DIRECTORY
	TWR ASSOCIATES	PACIFIC BELL DIRECTORY
	ERIN SALES INTERNATIONAL INC	PACIFIC BELL DIRECTORY
1991	Erin Sales nternational Inc	PACIFIC BELL WHITE PAGES
	Erin Sales International Inc	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Industrial Applications	PACIFIC BELL WHITE PAGES
	Rooker Thos W	PACIFIC BELL WHITE PAGES
	TW R Associates	PACIFIC BELL WHITE PAGES
	Trimax	PACIFIC BELL WHITE PAGES
	Trimbach Charles G	PACIFIC BELL WHITE PAGES
	Trimbach G	PACIFIC BELL WHITE PAGES
	Trimberger E K	PACIFIC BELL WHITE PAGES
1986	Erin Sales International Inc	PACIFIC BELL WHITE PAGES
	Erin Sales International Inc	PACIFIC BELL WHITE PAGES
1980	Schwab B R	Pacific Telephone
1970	SCHWAB B R	Pacific Telephone Directory
1967	SCHWAB BERTHA R MRS	R. L. Polk Co.
1962	Schwab Bertha R Miss	Pacific Telephone
1955	SCHWAB BERTHA R MISS	The Pacific Telephone & Telegraph Co.
1950	SCHWAB BERTHA R MISS R	The Pacific Telephone & Telegraph Co.
1943	Schwab Bertha R tchr Pub Sch h	R. L. Polk & Co.
1933	BALLARD GLADYS E TYPIST R	R. L. Polk & Co.
	BALLARD INEZ MRS C S PRACT	R. L. Polk & Co.
	SCHWAB BERTHA R TCHR OKLD PUB SCH R	R. L. Polk & Co.
	WILLS ELIZ MUSICIAN R	R. L. Polk & Co.
1928	Schwab Bertha R tcbr OPS H	R.L. Polk and Co of California
	SMITH Lucile tchr OPS R	R.L. Polk and Co of California
1920	REED MRS ELMER R	R. L. Polk & Co. of California
	REED OLIVE R	R. L. Polk & Co. of California

516 OAKLAND AVE

Year	Uses	Source
2013	OAKLAND PSYCHOTHERAPY ASSOCIATES	Cole Information Services
2008	PZAZZ BEAUTY SALON	Cole Information Services
	OAKLAND PSYCHOTHERAPY ASSOCIATES	Cole Information Services
2006	OAKLD	Haines Company, Inc.
	PSYCHOTHERAPY	Haines Company, Inc.
	RUFFCharile	Haines Company, Inc.
2000	NEPENTHEAN HOMES FOSTER FAMILY AGCY	Pacific Bell
1996	ANDERSON LISA P ZAZZ	PACIFIC BELL DIRECTORY
	P ZAZZ HAIR DESIGNS	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1992	HAIR SESSIONS	PACIFIC BELL DIRECTORY
	FLAIR FOR FINESSE A	PACIFIC BELL DIRECTORY
1991	Classy Concepts	PACIFIC BELL WHITE PAGES
	Flair For Finesse A	PACIFIC BELL WHITE PAGES
	Nikicos Hair Design	PACIFIC BELL WHITE PAGES
	Upper Room Hair Salon	PACIFIC BELL WHITE PAGES
	Upright Garage Doors	PACIFIC BELL WHITE PAGES
1986	Pierce Hair Design	PACIFIC BELL WHITE PAGES
1980	Hairtag The	Pacific Telephone
	Pierce Hari Design	Pacific Telephone
1975	FICKLE B	Pacific Telephone
	FINK L	Pacific Telephone
	HAYNES N	Pacific Telephone
1970	DE RUYTER ROBT	Pacific Telephone Directory
1967	DERUYTER ROOT	R. L. Polk Co.
1962	Beasley Edw A	Pacific Telephone
1950	KING G M R	The Pacific Telephone & Telegraph Co.
1943	KING Geo M Mabel D h	R. L. Polk & Co.
1938	KING G M R	Pacific Telephone
1933	KING GEO M (MABEL D) SLSMN F F PORTER CO H	R. L. Polk & Co.
1928	Mariposa Geo M MObel D dept mar F V Porter Co H	R.L. Polk and Co of California
1920	IRWIN M A R	R. L. Polk & Co. of California

3063 OAKLAND AVE

Year	Uses	Source
2006	000	Haines Company, Inc.

428C OAKLAND AVE

Year	Uses	Source
1970	ODGERS E I	Pacific Telephone Directory

465A OAKLAND AVE

Year	Uses	Source
1945	SHARPE F WILLIS R	The Pacific Telephone & Telegraph Co.
1938	SHARPE F WILLIS R	Pacific Telephone

466A OAKLAND AVE

Year	Uses	Source
1955	TUTTLE R W R	The Pacific Telephone & Telegraph Co.

Year	Uses	Source
1945	TUTTLE R W R	The Pacific Telephone & Telegraph Co.
1933	JAMES ROBT S (NAOMI) CHAUF H	R. L. Polk & Co.

445 1/2 OAKLAND AVE

Year	Uses	Source
1945	FONDA S L R	The Pacific Telephone & Telegraph Co.

OAKLAND AVE N

430 OAKLAND AVE N

Year	Uses	Source
1986	Brown David L	PACIFIC BELL WHITE PAGES

OAKLAND PL

420 OAKLAND PL

Year	Uses	Source
1945	ROBBINS O G R	The Pacific Telephone & Telegraph Co.
	CRISWELL RICHARD E R	The Pacific Telephone & Telegraph Co.

428 OAKLAND PL

Year	Uses	Source
1945	DE LA GUARDIA R A MRS R	The Pacific Telephone & Telegraph Co.

436 OAKLAND PL

Year	Uses	Source
1945	FRANKE LLOYD E LT JG R	The Pacific Telephone & Telegraph Co.

460 OAKLAND PL

Year	Uses	Source
1945	WINQUIST CARL S R	The Pacific Telephone & Telegraph Co.

461 OAKLAND PL

Year	Uses	Source
1945	TATE ALLETTA S R	The Pacific Telephone & Telegraph Co.

503 OAKLAND PL

Year	Uses	Source
1945	AMMERMAN ROBT J R	The Pacific Telephone & Telegraph Co.

511 OAKLAND PL

Year	Uses	Source
1945	ALLAWAY CHAS H MRS R	The Pacific Telephone & Telegraph Co.

515 OAKLAND PL

Year	Uses	Source
1945	SCHWAB BERTHA R MISS R	The Pacific Telephone & Telegraph Co.

OAKLAND RD

417 OAKLAND RD

Year	Uses	Source
1955	WYCKOFF HARRY A DR R	The Pacific Telephone & Telegraph Co.
1945	WYCKOFF HARRY A DR R	The Pacific Telephone & Telegraph Co.
1925	WYCKOFF HARRY A M D R	R. L. Polk & Co. of California

420 OAKLAND RD

Year	Uses	Source
1925	FARNO MRS C R	R. L. Polk & Co. of California

421 OAKLAND RD

Year	Uses	Source
1925	DELILLO A R	R. L. Polk & Co. of California

424 OAKLAND RD

Year	Uses	Source
1925	KEMP WILLIAM R	R. L. Polk & Co. of California

428 OAKLAND RD

Year	Uses	Source
1955	SCHAAL R W R	The Pacific Telephone & Telegraph Co.
	DE LA GUARDIA R A MRS R	The Pacific Telephone & Telegraph Co.
1945	SCHAAL R W R	The Pacific Telephone & Telegraph Co.

430 OAKLAND RD

Year	Uses	Source
1925	CROCKER H R	R. L. Polk & Co. of California
	CROCKER DR M H R	R. L. Polk & Co. of California

435 OAKLAND RD

Year	Uses	Source
1925	THOMPSON MRS MAY S R	R. L. Polk & Co. of California

FINDINGS

Year	Uses	Source
1925	BARBREE J M R	R. L. Polk & Co. of California

436 OAKLAND RD

Year	Uses	Source
1928	N Roy J mov pic opr Am Theatre H	R.L. Polk and Co of California

438 OAKLAND RD

Year	Uses	Source
1928	Manor H Edgerton Grace B photog H	R.L. Polk and Co of California

439 OAKLAND RD

Year	Uses	Source
1925	BILLINGTON G G R	R. L. Polk & Co. of California

445 OAKLAND RD

Year	Uses	Source
1925	HASTINGS H M R	R. L. Polk & Co. of California
	WIEDERSHEIM C R	R. L. Polk & Co. of California

449 OAKLAND RD

Year	Uses	Source
1925	PATCH DONALD L R	R. L. Polk & Co. of California

461 OAKLAND RD

Year	Uses	Source
1955	SPRINGSTEEN A L MRS	The Pacific Telephone & Telegraph Co.
	NOLL LELA R	The Pacific Telephone & Telegraph Co.
1945	SPRINGSTEEN A L MRS R	The Pacific Telephone & Telegraph Co.
	NOLL LELA R	The Pacific Telephone & Telegraph Co.
1928	Manila Forrest E optom C A Ferguson R	R.L. Polk and Co of California
1925	SPRINGSTEEN MRS A L R	R. L. Polk & Co. of California

463 OAKLAND RD

Year	Uses	Source
1925	REGAN MRS ANNA R	R. L. Polk & Co. of California

465 OAKLAND RD

Year	Uses	Source
1925	MEREDITH DR H H R	R. L. Polk & Co. of California
	SHARPE F WILLIS R	R. L. Polk & Co. of California

FINDINGS

466 OAKLAND RD

Year	Uses	Source
1925	ELY L R R	R. L. Polk & Co. of California

468 OAKLAND RD

Year	Uses	Source
1925	HAYES JAS T R	R. L. Polk & Co. of California

472 OAKLAND RD

Year	Uses	Source
1925	ROSENSTEIN MRS JOHN R	R. L. Polk & Co. of California

473 OAKLAND RD

Year	Uses	Source
1925	EVANS ANITA R	R. L. Polk & Co. of California

477 OAKLAND RD

Year	Uses	Source
1925	FEINSTEIN MRS M B R	R. L. Polk & Co. of California

485 OAKLAND RD

Year	Uses	Source
1925	OAKLAND AV MARKET	R. L. Polk & Co. of California
	OAKLAND AV MARKET	R. L. Polk & Co. of California

501 OAKLAND RD

Year	Uses	Source
1925	KENNEDY W B R	R. L. Polk & Co. of California

503 OAKLAND RD

Year	Uses	Source
1925	WIGGINS NELL B C S PR	R. L. Polk & Co. of California

506 OAKLAND RD

Year	Uses	Source
1925	EARSMAN J MURRAY R	R. L. Polk & Co. of California

511 OAKLAND RD

Year	Uses	Source
1925	MYRAN MRS N B R	R. L. Polk & Co. of California

512 OAKLAND RD

Year	Uses	Source
1928	Kerley Albt C Nellie G real est H	R.L. Polk and Co of California
1925	KERLEY A C R	R. L. Polk & Co. of California

515 OAKLAND RD

Year	Uses	Source
1925	SCHWAB MISS BERTHA R R	R. L. Polk & Co. of California

ORANGE

385 ORANGE

Year	Uses	Source
1986	Taetzsch Wm & Beverly	PACIFIC BELL WHITE PAGES
1980	Sloan M R	Pacific Telephone
	Jaquish Marshall K	Pacific Telephone
	Carlton Robt	Pacific Telephone

387 ORANGE

Year	Uses	Source
1991	Mc Cord David M	PACIFIC BELL WHITE PAGES
	Mc Cord E	PACIFIC BELL WHITE PAGES
1980	Dorr C K	Pacific Telephone
	Friedenberg M	Pacific Telephone
	Mc Farland Malcolm F	Pacific Telephone

388 ORANGE

Year	Uses	Source
1986	Jones Beverley	PACIFIC BELL WHITE PAGES
	Jones Beverly D	PACIFIC BELL WHITE PAGES
1980	Maroof R	Pacific Telephone

389 ORANGE

Year	Uses	Source
1991	Mc Corkle Andrew	PACIFIC BELL WHITE PAGES
1986	Kovach George	PACIFIC BELL WHITE PAGES

391 ORANGE

Year	Uses	Source
1980	Berman J	Pacific Telephone
	Lanterman Tim	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Simmons D R	Pacific Telephone
	Rose C	Pacific Telephone
	Polse A	Pacific Telephone

392 ORANGE

Year	Uses	Source
1991	Johnson Alan W	PACIFIC BELL WHITE PAGES
1986	Corley Wm E	PACIFIC BELL WHITE PAGES
	Hubbard Essex & Hattie	PACIFIC BELL WHITE PAGES
	Mc Cants Harry Truman	PACIFIC BELL WHITE PAGES
	Hubbard G J	PACIFIC BELL WHITE PAGES
1980	Fields Joycelyn	Pacific Telephone
	Rice T	Pacific Telephone

394 ORANGE

Year	Uses	Source
1991	Simmons Trish & Peter	PACIFIC BELL WHITE PAGES
	Simmons Theresa R	PACIFIC BELL WHITE PAGES
	Simmons Theodore	PACIFIC BELL WHITE PAGES
	Edwards David	PACIFIC BELL WHITE PAGES
	Edwards Darrell	PACIFIC BELL WHITE PAGES
1986	Austin Chas L	PACIFIC BELL WHITE PAGES
	Suggs H J	PACIFIC BELL WHITE PAGES
	Robinson Ronald R	PACIFIC BELL WHITE PAGES
	Millner Edward	PACIFIC BELL WHITE PAGES
1980	Roberts Willie	Pacific Telephone
	Coleman Jerry	Pacific Telephone
	Beasley L	Pacific Telephone
	Austin Chas L	Pacific Telephone
	Suggs H J	Pacific Telephone

395 ORANGE

Year	Uses	Source
1991	Walker Daryl & Pushpa	PACIFIC BELL WHITE PAGES
	Walker David	PACIFIC BELL WHITE PAGES
	Greathouse S L	PACIFIC BELL WHITE PAGES
	Input Output Systems	PACIFIC BELL WHITE PAGES
1986	Hartley C Lynn	PACIFIC BELL WHITE PAGES
	Eng Jeffrey T	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Eng J L	PACIFIC BELL WHITE PAGES
	i Eng Jan Wong	PACIFIC BELL WHITE PAGES
1980	Crawford M	Pacific Telephone

399 ORANGE

Year	Uses	Source
1980	Quintero Isaac	Pacific Telephone
	Orsi M F	Pacific Telephone
	Charyn B	Pacific Telephone

400 ORANGE

Year	Uses	Source
1991	Camacho Sandra	PACIFIC BELL WHITE PAGES
	Cheng X	PACIFIC BELL WHITE PAGES
	George Brian	PACIFIC BELL WHITE PAGES
	Ignont Berita	PACIFIC BELL WHITE PAGES
	Ignont Cecilia	PACIFIC BELL WHITE PAGES
	Stoner Rebecca	PACIFIC BELL WHITE PAGES
	Stoner Robt G	PACIFIC BELL WHITE PAGES
1986	Adair M	PACIFIC BELL WHITE PAGES
	Smith Bradley N	PACIFIC BELL WHITE PAGES
	Smith Brian	PACIFIC BELL WHITE PAGES
	Smith Brian	PACIFIC BELL WHITE PAGES
	Smith Horatio W	PACIFIC BELL WHITE PAGES
	Yeung Stephen	PACIFIC BELL WHITE PAGES
1980	Adair M	Pacific Telephone
	Bertolani Robt S	Pacific Telephone
	Christensen Sebastian	Pacific Telephone
	Kam Ying Cheung	Pacific Telephone
	Ohye Eddie	Pacific Telephone
	Smith Horatio W	Pacific Telephone

407 ORANGE

Year	Uses	Source
1991	Anderson Gail	PACIFIC BELL WHITE PAGES
	Anderson Gary & Debbie	PACIFIC BELL WHITE PAGES
	Anderson Gary H & D Kay 5	PACIFIC BELL WHITE PAGES
	Anderson Gary & Lynn	PACIFIC BELL WHITE PAGES
	Bishop KD	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Bishop Karen	PACIFIC BELL WHITE PAGES
	Bishop Keith D	PACIFIC BELL WHITE PAGES
	Carr Robt J	PACIFIC BELL WHITE PAGES
	Jones Dennis	PACIFIC BELL WHITE PAGES
	Jones Diana	PACIFIC BELL WHITE PAGES
	Lipman Allan	PACIFIC BELL WHITE PAGES
	Lorenz Edward J	PACIFIC BELL WHITE PAGES
	Mangrum G P	PACIFIC BELL WHITE PAGES
	Miller Rusty	PACIFIC BELL WHITE PAGES
	Ross Tim	PACIFIC BELL WHITE PAGES
	Shinno S	PACIFIC BELL WHITE PAGES
	Westergard Ray K	PACIFIC BELL WHITE PAGES
1986	Anderson Gail	PACIFIC BELL WHITE PAGES
	Carr Robt J	PACIFIC BELL WHITE PAGES
	Crosby Michael H	PACIFIC BELL WHITE PAGES
	Echols Shelby	PACIFIC BELL WHITE PAGES
	Edmonds L	PACIFIC BELL WHITE PAGES
	Edmonds Lillian	PACIFIC BELL WHITE PAGES
	Howe Michael	PACIFIC BELL WHITE PAGES
	Mak Tailen	PACIFIC BELL WHITE PAGES
	Mangrum G P	PACIFIC BELL WHITE PAGES
	Power R	PACIFIC BELL WHITE PAGES
	Shinno S	PACIFIC BELL WHITE PAGES
	Volpert G	PACIFIC BELL WHITE PAGES
	Westergard Ray K	PACIFIC BELL WHITE PAGES
	Westerhoff John	PACIFIC BELL WHITE PAGES
	Zimmerman Chas	PACIFIC BELL WHITE PAGES
	Lipman Allan	PACIFIC BELL WHITE PAGES
1980	Alvarez Ramon	Pacific Telephone
	Armstrong Kenneth Reed	Pacific Telephone
	Bolden E M	Pacific Telephone
	Brown Gregory	Pacific Telephone
	Corning R A	Pacific Telephone
	Harris Michael A	Pacific Telephone
	Henry Bernard	Pacific Telephone
	Jandera Gilbert H	Pacific Telephone
	Landres Jas	Pacific Telephone
	Lauber Jas	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Manning Robt	Pacific Telephone
	Mc Clure David Jr	Pacific Telephone
	Parra Jesus R	Pacific Telephone
	Phillips Theresa	Pacific Telephone
	Pillow Paula S	Pacific Telephone
	Pryor Thomas C	Pacific Telephone
	Ramos Nelson	Pacific Telephone
	Takeuchi Shizuhide	Pacific Telephone
	Winston Pio A	Pacific Telephone

408 ORANGE

Year	Uses	Source
1991	Odigie Ehioba William	PACIFIC BELL WHITE PAGES
	Odgers June	PACIFIC BELL WHITE PAGES
	Lampert Wayne	PACIFIC BELL WHITE PAGES
	Lampert RE	PACIFIC BELL WHITE PAGES
	Deng Adeng	PACIFIC BELL WHITE PAGES
	Beavers Favous	PACIFIC BELL WHITE PAGES
	Stevens Bridgett	PACIFIC BELL WHITE PAGES
	Stevens Brent	PACIFIC BELL WHITE PAGES
1986	Beavers Favous	PACIFIC BELL WHITE PAGES
	Lampert R E	PACIFIC BELL WHITE PAGES
1980	Tanaka Colette	Pacific Telephone
	Colgan Jas R	Pacific Telephone
	Cross Michael	Pacific Telephone
	Schneider Kathryn L	Pacific Telephone
	Stephenson Connie Jo	Pacific Telephone

412 ORANGE

Year	Uses	Source
1991	Sweidel William	PACIFIC BELL WHITE PAGES
1986	Henderson R	PACIFIC BELL WHITE PAGES
1980	Rosenthal John	Pacific Telephone

418 ORANGE

Year	Uses	Source
1986	Storch S	PACIFIC BELL WHITE PAGES

FINDINGS

420 ORANGE

Year	Uses	Source
1991	Wilmot GR& T M	PACIFIC BELL WHITE PAGES
	Wilmot E G	PACIFIC BELL WHITE PAGES
	Wilmot J T	PACIFIC BELL WHITE PAGES

424 ORANGE

Year	Uses	Source
1991	Bishop Nicholas	PACIFIC BELL WHITE PAGES
	Dodd Renee	PACIFIC BELL WHITE PAGES
	Dodd Stephen J J	PACIFIC BELL WHITE PAGES
	Gray PA	PACIFIC BELL WHITE PAGES
	Melvylle Ruth	PACIFIC BELL WHITE PAGES
	Memari Shiva	PACIFIC BELL WHITE PAGES
	Willers Chris	PACIFIC BELL WHITE PAGES
	Wong Thos	PACIFIC BELL WHITE PAGES
	Wright BIll	PACIFIC BELL WHITE PAGES
	Young Roosevelt	PACIFIC BELL WHITE PAGES
1986	Dodd Renee	PACIFIC BELL WHITE PAGES
	Gaines Gregory D	PACIFIC BELL WHITE PAGES
	Gaines Guy C	PACIFIC BELL WHITE PAGES
	Gray P A	PACIFIC BELL WHITE PAGES
	Nelson Richard G	PACIFIC BELL WHITE PAGES
	Nelson Richard Lee	PACIFIC BELL WHITE PAGES
	Nelson Richard & Lillian	PACIFIC BELL WHITE PAGES
	Nelson Rob & Eric	PACIFIC BELL WHITE PAGES
	Nelson Robt	PACIFIC BELL WHITE PAGES
	Simpson Robert S	PACIFIC BELL WHITE PAGES
	Somers Dan	PACIFIC BELL WHITE PAGES
	Spector Alan J	PACIFIC BELL WHITE PAGES
	Spector David	PACIFIC BELL WHITE PAGES
	Wills Marvin	PACIFIC BELL WHITE PAGES
	Wang Thos	PACIFIC BELL WHITE PAGES
	Wright Bill	PACIFIC BELL WHITE PAGES
1980	Cole D M	Pacific Telephone
	Dasovich Deborah	Pacific Telephone
	Dodd Renee	Pacific Telephone
	Folkman Marta	Pacific Telephone
	Jone Rebecca	Pacific Telephone
	Leventhal Nancy	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Moore Jas T	Pacific Telephone
	Nelson Rick G	Pacific Telephone
	Robinson R L	Pacific Telephone
	Spitz Ronald O	Pacific Telephone
	Wills Marvin	Pacific Telephone
	Wong Thos	Pacific Telephone
	Wright Bill	Pacific Telephone
	Cochran Wm J II	Pacific Telephone

425 ORANGE

Year	Uses	Source
1991	Cornman Ronald	PACIFIC BELL WHITE PAGES
	Cornn J	PACIFIC BELL WHITE PAGES
	James Gldson	PACIFIC BELL WHITE PAGES
	James Gilbert	PACIFIC BELL WHITE PAGES
	Johnson Ted V	PACIFIC BELL WHITE PAGES
	Johnson Tena	PACIFIC BELL WHITE PAGES
	Johnson Tennye F	PACIFIC BELL WHITE PAGES
	Johnson Teresa	PACIFIC BELL WHITE PAGES
	Kaplan Neil S	PACIFIC BELL WHITE PAGES
	Kaplan Patricia MS W LCS W	PACIFIC BELL WHITE PAGES
	Kaplan RI	PACIFIC BELL WHITE PAGES
	I Michael Ron	PACIFIC BELL WHITE PAGES
	Michael Sage	PACIFIC BELL WHITE PAGES
	Michael Solomon A	PACIFIC BELL WHITE PAGES
	Michael Terrence D Dr South Hayward Chiropractic Offices	PACIFIC BELL WHITE PAGES
	Smith CR	PACIFIC BELL WHITE PAGES
	Tinsley Wm F	PACIFIC BELL WHITE PAGES
	Zelazny William P	PACIFIC BELL WHITE PAGES
1986	Atwood Carolyn	PACIFIC BELL WHITE PAGES
	Atwood F K	PACIFIC BELL WHITE PAGES
	Cornman Ronald	PACIFIC BELL WHITE PAGES
	Degnan L	PACIFIC BELL WHITE PAGES
	Hendrix Alvin Jr	PACIFIC BELL WHITE PAGES
	Hurlburt Leslie	PACIFIC BELL WHITE PAGES
	Lee Richard W	PACIFIC BELL WHITE PAGES
	Lee Rick G	PACIFIC BELL WHITE PAGES
	Loudermilk Forrest H	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Mobley Isaiah	PACIFIC BELL WHITE PAGES
	Parrish D	PACIFIC BELL WHITE PAGES
	Smith C R	PACIFIC BELL WHITE PAGES
	Tinsley Wm F	PACIFIC BELL WHITE PAGES
	Tinus T J	PACIFIC BELL WHITE PAGES
	Tucker Homer	PACIFIC BELL WHITE PAGES
	Young William M	PACIFIC BELL WHITE PAGES
	Young Wm S	PACIFIC BELL WHITE PAGES
1980	Brent Sescily	Pacific Telephone
	Cedars Apartments	Pacific Telephone
	Cole Gordon	Pacific Telephone
	Cosey Tyrone M	Pacific Telephone
	Goldenring John MD	Pacific Telephone
	Gregg S	Pacific Telephone
	Lark N	Pacific Telephone
	Makaroff S	Pacific Telephone
	Miller Ron	Pacific Telephone
	Miyasato L K	Pacific Telephone
	Mobrak Zakey	Pacific Telephone
	Muller Dawn D	Pacific Telephone
	Naton Paul	Pacific Telephone
	Neitzke Brenda	Pacific Telephone
	Osborne Patrick	Pacific Telephone
	Schruhl Collen	Pacific Telephone
	Shimasaki Dale F	Pacific Telephone
	Shoffner Robt	Pacific Telephone
	Tebbe Ron G	Pacific Telephone
	Young F	Pacific Telephone
	Alecksen K	Pacific Telephone
	Al Malki Omar	Pacific Telephone
	Austin Keith	Pacific Telephone
	Benson T E	Pacific Telephone

426 ORANGE

Year	Uses	Source
1980	Brodersen E W	Pacific Telephone

FINDINGS

430 ORANGE

Year	Uses	Source
1991	Henderson KJ	PACIFIC BELL WHITE PAGES
	Henderson K	PACIFIC BELL WHITE PAGES
	Henderson Judi artst rep	PACIFIC BELL WHITE PAGES
1986	Bates Jas K	PACIFIC BELL WHITE PAGES
1980	Silvers D B	Pacific Telephone
	Johnson Jeff	Pacific Telephone
	Havard John	Pacific Telephone
	Hahn Moira	Pacific Telephone

438 ORANGE

Year	Uses	Source
1991	Cohn Robert C	PACIFIC BELL WHITE PAGES
1986	Cohn Robt C	PACIFIC BELL WHITE PAGES
1980	Cohn Robt C	Pacific Telephone
	Delphas Lampshades	Pacific Telephone

446 ORANGE

Year	Uses	Source
1980	Cotcher K	Pacific Telephone

447 ORANGE

Year	Uses	Source
1991	Castillo Antonio	PACIFIC BELL WHITE PAGES
	Castillo Antonio & Olga	PACIFIC BELL WHITE PAGES
	Cook Peter	PACIFIC BELL WHITE PAGES
	Galindo Anamaria	PACIFIC BELL WHITE PAGES
	Hill E	PACIFIC BELL WHITE PAGES
	Hill Geo L	PACIFIC BELL WHITE PAGES
	Houweidi Hamid	PACIFIC BELL WHITE PAGES
	Jackson Jennifer	PACIFIC BELL WHITE PAGES
	Jeglum JA	PACIFIC BELL WHITE PAGES
	Strickland DE	PACIFIC BELL WHITE PAGES
	Wright Robert J	PACIFIC BELL WHITE PAGES
	Wright Robert M	PACIFIC BELL WHITE PAGES
1986	Cole Gordon	PACIFIC BELL WHITE PAGES
	Cole Gregory	PACIFIC BELL WHITE PAGES
	Dosanjh Sudip	PACIFIC BELL WHITE PAGES
	Duffy A	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Duffy A F	PACIFIC BELL WHITE PAGES
	Duffy Betsy	PACIFIC BELL WHITE PAGES
	Morley M L	PACIFIC BELL WHITE PAGES
	Ingram Wm	PACIFIC BELL WHITE PAGES
	Hills Mae	PACIFIC BELL WHITE PAGES
	Hills M D	PACIFIC BELL WHITE PAGES
	Hill Geo L	PACIFIC BELL WHITE PAGES
	Hersey M Paul	PACIFIC BELL WHITE PAGES
	Duffy C Mark	PACIFIC BELL WHITE PAGES
	Morley MT	PACIFIC BELL WHITE PAGES
	Morley Mariam	PACIFIC BELL WHITE PAGES
	Rasmussen Ralph W Lt Col Ret	PACIFIC BELL WHITE PAGES
	Rasmussen Randy	PACIFIC BELL WHITE PAGES
	Sawyers Mattie	PACIFIC BELL WHITE PAGES
	Sax E	PACIFIC BELL WHITE PAGES
	Sax Jodi L	PACIFIC BELL WHITE PAGES
	Sax John N M	PACIFIC BELL WHITE PAGES
	Tomsic Mark	PACIFIC BELL WHITE PAGES
	Wilkins Jan	PACIFIC BELL WHITE PAGES
1980	A Ghafoor A Hamid	Pacific Telephone
	Branch Arland	Pacific Telephone
	Butler S A	Pacific Telephone
	Clarke W R Ray	Pacific Telephone
	Dosanjh Sudip	Pacific Telephone
	Duffey A	Pacific Telephone
	Faden Abdulaziz S	Pacific Telephone
	Hartman Leon	Pacific Telephone
	Hersey M Paul	Pacific Telephone
	Hill E	Pacific Telephone
	Hill Geo L	Pacific Telephone
	Hills M D	Pacific Telephone
	Homer Duane A	Pacific Telephone
	Jeglum J A	Pacific Telephone
	Karp Bessie E	Pacific Telephone
	Karp Maxwell H	Pacific Telephone
	Lewis Terrence	Pacific Telephone
	Mann Jas R	Pacific Telephone
	Morley M L	Pacific Telephone

Year	Uses	Source
1980	Strickland D E	Pacific Telephone
	Wade H B	Pacific Telephone
	Jorgensen Carl T	Pacific Telephone

448 ORANGE

Year	Uses	Source
1980	Weathersby Claude	Pacific Telephone

ORANGE AVE

387 ORANGE AVE

Year	Uses	Source
1950	ROTT AMY D R	The Pacific Telephone & Telegraph Co.

400 ORANGE AVE

Year	Uses	Source
1962	Gugich John	Pacific Telephone

407 ORANGE AVE

Year	Uses	Source
1943	Harris John h	R. L. Polk & Co.

425 ORANGE AVE

Year	Uses	Source
1976	KEISER PATRICIA	R. L. Polk & Co.

431 ORANGE AVE

Year	Uses	Source
1933	FOSTER RICHD H BR LIBRN OKLD FREE LIBRARY R	R. L. Polk & Co.

ORANGE ST

385 ORANGE ST

Year	Uses	Source
2008	AMERICAN DUST	Cole Information Services
2006	No Current Listing	Haines Company, Inc.
1986	Bratlley A	PACIFIC BELL WHITE PAGES
1967	BERWICK JAMES T	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	WILLIAMS KATHPYN S	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	PAGE CYRIL G	R. L. Polk Co.
	WILLIAMS CHARLES H	R. L. Polk Co.
1962	Williams Elwin G Mrs	Pacific Telephone
	Page C G	Pacific Telephone
	Guiwits Nettie M	Pacific Telephone
	Berwick Jas T r	Pacific Telephone
1943	Mc Laughlin Ray Thelma H millwkr h	R. L. Polk & Co.
	Hall Lee M Gladys F clk Okld PO h	R. L. Polk & Co.
	Brasefield Harvey D Eliz h	R. L. Polk & Co.
	ATKINS Wm B clk h	R. L. Polk & Co.
	ATKINS Virginia W Mrs sten A W Davidson r	R. L. Polk & Co.

387 ORANGE ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	2 POSSELT THEO	Pacific Bell
1996	2 POSSELT THEO	PACIFIC BELL DIRECTORY
1967	I HEADLEY JOYCE E MRS	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	NERI P J	R. L. Polk Co.
	ROTT AMY D	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
1962	Corioni Ben	Pacific Telephone
	Rott Amy D r	Pacific Telephone
	Williams Chas H	Pacific Telephone
1943	ANDERSON Walter W Helen J autos h	R. L. Polk & Co.
	KNOWLES Mary L wid E C h	R. L. Polk & Co.
	Malcolm May Mrs h	R. L. Polk & Co.
	Rott Amy D ofc sec R D Stone jr h	R. L. Polk & Co.

388 ORANGE ST

Year	Uses	Source
2006	WILSONJaqu Ice	Haines Company, Inc.
	News OM Loretta	Haines Company, Inc.
2000	D NEWSOM LORETTA	Pacific Bell
	C YALE ELIZABETH	Pacific Bell
1996	C YALE ELIZABETH	PACIFIC BELL DIRECTORY
	D NEWSOM LORETTA	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1992	A GONZALES MIGUEL	PACIFIC BELL DIRECTORY
	D NEWSOM LORETTA	PACIFIC BELL DIRECTORY
	B COLMAN LAURENCE	PACIFIC BELL DIRECTORY
1967	B KILGORE JAMES	R. L. Polk Co.
	A BRAUN JOHN C JR	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	D MILLER BETSY MRS	R. L. Polk Co.
	C ARNOLD PORT F	R. L. Polk Co.
1962	Spinola Ted	Pacific Telephone
	Scroggs John	Pacific Telephone
	OLeary Jas S	Pacific Telephone

389 ORANGE ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1992	UPPR ELLWANGER JOSEPH M	PACIFIC BELL DIRECTORY
1967	HERZOG FRANK	R. L. Polk Co.
	CAPELLI ROSE	R. L. Polk Co.
1962	Capelli Rose	Pacific Telephone
1950	CAPPELLI LAWRENCE R	The Pacific Telephone & Telegraph Co.
1943	Cappelli Rose wid Angelo r	R. L. Polk & Co.

391 ORANGE ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1967	COFFMAN MARY MRS	R. L. Polk Co.
	A DALEZELL THELMA M	R. L. Polk Co.
1962	Allen Audrey	Pacific Telephone
	Erickson Gladys r	Pacific Telephone
1943	LEE S M h	R. L. Polk & Co.
	LEE Edgar S h	R. L. Polk & Co.
	Green Ruth Mrs r	R. L. Polk & Co.
	GREEN C E r	R. L. Polk & Co.
	Bjorhus Arth r	R. L. Polk & Co.

392 ORANGE ST

Year	Uses	Source
2006	PHELANOda IE	Haines Company, Inc.
	C LARSON Steve	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2000	A MAPA ANGELA C	Pacific Bell
1975	FIELDS JOYCELYN	Pacific Telephone
1967	E VACANT	R. L. Polk Co.
	D EADS S C	R. L. Polk Co.
	A BISCHOFF INGO F	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	B ANKFNY RICHD D	R. L. Polk Co.
1962	Najarian Margaret	Pacific Telephone
	Najarian Hovak	Pacific Telephone
	Stafford O M	Pacific Telephone
	Residence	Pacific Telephone
1950	KNERIER C W DR R	The Pacific Telephone & Telegraph Co.

394 ORANGE ST

Year	Uses	Source
2006	MATHISONJode	Haines Company, Inc.
	CAREY Warren	Haines Company, Inc.
2000	2 MATHISON JODIE	Pacific Bell
1996	4 TARMAN K	PACIFIC BELL DIRECTORY
1967	VACANT	R. L. Polk Co.
1962	Bumbaugh E	Pacific Telephone
1943	Van Wormer Josephine tchr Pub Sch r	R. L. Polk & Co.
	Bumbaugh Alice C r	R. L. Polk & Co.
	Bumbaugh Ethel I tchr Pub Sch r	R. L. Polk & Co.

395 ORANGE ST

Year	Uses	Source
2008	GRAND AVE PHARMACY	Cole Information Services
2006	DUPREArohie	Haines Company, Inc.
2000	B ONYENEGECHA CHINWE	Pacific Bell
1996	B GREATHOUSE S L	PACIFIC BELL DIRECTORY
1992	B GREATHOUSE S L	PACIFIC BELL DIRECTORY
	A WALKER DARYL & PUSHPA	PACIFIC BELL DIRECTORY
1967	MC CORD JOSEPH L	R. L. Polk Co.
1943	Finch Margt H r	R. L. Polk & Co.
	Finch Anna M wid E C h	R. L. Polk & Co.

FINDINGS

399 ORANGE ST

Year	Uses	Source
2013	DETECT ALL SECURITY & FIRE	Cole Information Services
2008	DETECT ALL SECURITY SYSTEMS	Cole Information Services
2006	LANG Raymond H	Haines Company, Inc.
2000	BRIAND EMMANUEL J	Pacific Bell
	FISCHMAN HELENE	Pacific Bell
	BRIAND EMMANUEL J	Pacific Bell
	COTT WOLFF HAGGAI	Pacific Bell
1996	FISCHMAN HELENE	PACIFIC BELL DIRECTORY
1992	DAVIS SCOTT	PACIFIC BELL DIRECTORY
1967	MILLS RUSSELL L	R. L. Polk Co.
1962	Mills Gloria	Pacific Telephone
	Mc Inturff Carol	Pacific Telephone
1943	HESSE Bertha h	R. L. Polk & Co.

400 ORANGE ST

Year	Uses	Source
2006	WONG Richard	Haines Company, Inc.
	APARTMENTS	Haines Company, Inc.
	BURSETDoniae M	Haines Company, Inc.
	HANLON Maura	Haines Company, Inc.
	MCDONALDIan B	Haines Company, Inc.
	SURKARIM	Haines Company, Inc.
2000	106 DOOLITTLE P & E	Pacific Bell
	106 DOOLITTLE P & E	Pacific Bell
	306 ABO JULIE	Pacific Bell
1996	101 HUYNH DICH VAN	PACIFIC BELL DIRECTORY
1992	101 HUYNH DICH VAN	PACIFIC BELL DIRECTORY
	104 TRUONG HUE	PACIFIC BELL DIRECTORY
	205 NGUYEN MAI THI	PACIFIC BELL DIRECTORY
	303 IGNONT CECILIA	PACIFIC BELL DIRECTORY
1975	KLINGMANN THERESA	Pacific Telephone
	OHYC EDDIE	Pacific Telephone
1967	VACANT	R. L. Polk Co.
	CASLIN LOUIS F	R. L. Polk Co.
	CASEY JULIA C MRS	R. L. Polk Co.
	CARNESS VERA	R. L. Polk Co.
	ROMINE WENDELL	R. L. Polk Co.
	ENOS JOHN J	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	LANDRFBE E	R. L. Polk Co.
	SMALLEY MARILYN L	R. L. Polk Co.
	DUNN LILIAN M MRS	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	BROOKS W	R. L. Polk Co.
	MISER HELEN H	R. L. Polk Co.
	KNIGHT RICHO	R. L. Polk Co.
	PETTY WILLETTE M	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	HELGERSON NOLAN M	R. L. Polk Co.
	PARKER JAMES H	R. L. Polk Co.
	e AGWELL CHAS n	R. L. Polk Co.
	RIPLEY FRANK F	R. L. Polk Co.
1962	Strause Howard	Pacific Telephone
	Walker Donald L	Pacific Telephone
	Weaver Wm E	Pacific Telephone
	Williams Bert E	Pacific Telephone
	Backlund Carl V	Pacific Telephone
	Chambers Jas Jr	Pacific Telephone
	Funk Birdell I	Pacific Telephone
	Hurst Lindsay R	Pacific Telephone
	Kahan Ulrich L	Pacific Telephone
	Kilpatrick B E	Pacific Telephone
	Kilpatrick Myrtle	Pacific Telephone
	Langley Jas	Pacific Telephone
	Mc Quady V E	Pacific Telephone
	Miser Ross N	Pacific Telephone
1943	Thomson Cath wid Jas h	R. L. Polk & Co.
	Wilson Fred r	R. L. Polk & Co.

401 ORANGE ST

Year	Uses	Source
1967	VACANT	R. L. Polk Co.

405 ORANGE ST

Year	Uses	Source
1967	DRAKE CHASE MRS	R. L. Polk Co.

FINDINGS

407 ORANGE ST

Year	Uses	Source
2008	LARSEN & WIJAYA LTD	Cole Information Services
	TRIDOSHA WELLNESS PRODUCTS	Cole Information Services
	MATHTEAM	Cole Information Services
2006	APARTMENTS	Haines Company, Inc.
	e ANDERSON Gall	Haines Company, Inc.
	AVANT Rue	Haines Company, Inc.
	a BEANE AJian	Haines Company, Inc.
	a BROWN Judith	Haines Company, Inc.
	a BRYANTManie	Haines Company, Inc.
	CADECatherne	Haines Company, Inc.
	CARDOZAStan	Haines Company, Inc.
	a CARRRobt J	Haines Company, Inc.
	CASSIDY Kathleen	Haines Company, Inc.
	CHIN Sandra	Haines Company, Inc.
	COATES Douglas	Haines Company, Inc.
	o COLMAN Steven	Haines Company, Inc.
	COWLAH Taeis	Haines Company, Inc.
	DAVICO Patricia	Haines Company, Inc.
	a DEMOYAAlexandra	Haines Company, Inc.
	ENNX NIoole	Haines Company, Inc.
	FRANKE LInda 00 a	Haines Company, Inc.
	ISAACSON Irene	Haines Company, Inc.
	KALUAManu	Haines Company, Inc.
	KIM Peoer	Haines Company, Inc.
	a LAUWSab Ina	Haines Company, Inc.
	LEIBOWITZ Thomas J	Haines Company, Inc.
	MANGELS Jean	Haines Company, Inc.
	MCDANIELRoxanne	Haines Company, Inc.
	MERRIMAN Herber	Haines Company, Inc.
	MITCHELL Dara	Haines Company, Inc.
	NICHOLSON Alberta	Haines Company, Inc.
	PAGE Cora 00 or	Haines Company, Inc.
	PResl EY John	Haines Company, Inc.
	SPEARMAN	Haines Company, Inc.
	Jennifer	Haines Company, Inc.
	a STEPHENS K	Haines Company, Inc.
	a TAYLOR Lester	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	THOMAS Bety	Haines Company, Inc.
	a WANRay	Haines Company, Inc.
	YEE Phyllis	Haines Company, Inc.
	YOUNG Sarah 00 eo	Haines Company, Inc.
	YUZON Theresa	Haines Company, Inc.
2000	105 FELICIANO NAOMI	Pacific Bell
	304 CARR ROBT J	Pacific Bell
	307 COWLAH ALFRED	Pacific Bell
	ANDERSON GAIL	Pacific Bell
	412 TAYLOR LESTER OMAR	Pacific Bell
1996	307 COWLAH ALFRED	PACIFIC BELL DIRECTORY
	ANDERSON GAIL	PACIFIC BELL DIRECTORY
	412 TAYLOR LESTER OMAR	PACIFIC BELL DIRECTORY
	201 SHIPLEY JAMES	PACIFIC BELL DIRECTORY
	304 CARR ROBT J	PACIFIC BELL DIRECTORY
1992	201 WESTERGARD RAY K	PACIFIC BELL DIRECTORY
	203 LORENZ EDWARD J	PACIFIC BELL DIRECTORY
	210 MILLER RUSTY	PACIFIC BELL DIRECTORY
	211 ROSS TIM	PACIFIC BELL DIRECTORY
	304 CARR ROBT J	PACIFIC BELL DIRECTORY
	306 SHINNO S	PACIFIC BELL DIRECTORY
	ANDERSON GAIL	PACIFIC BELL DIRECTORY
	409 MANGRUM G P	PACIFIC BELL DIRECTORY
	411 LIPMAN ALLAN	PACIFIC BELL DIRECTORY
1967	DANGELO MARTA	R. L. Polk Co.
1962	Hasapis Peter	Pacific Telephone
1943	Phillips Georgia lndywkr r	R. L. Polk & Co.
	Rose Bertha tchr Pub Sch r	R. L. Polk & Co.

408 ORANGE ST

Year	Uses	Source
2006	REMINGTONSarah	Haines Company, Inc.
2000	2 WILLIAMS SAM	Pacific Bell
	3 WINKOWSKI JANNA M	Pacific Bell
	5 CALLO RON	Pacific Bell
1996	2 WILLIAMS SAM	PACIFIC BELL DIRECTORY
	3 KELLER ASHLEY	PACIFIC BELL DIRECTORY
1992	1 LAMPERT R E	PACIFIC BELL DIRECTORY
	2 DENG ADENG	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1992	6 ODGERS JUNE	PACIFIC BELL DIRECTORY
	7 BEAVERS FAVOUS	PACIFIC BELL DIRECTORY
1967	APARTMENTS	R. L. Polk Co.
	ASTON NICHOLAS L	R. L. Polk Co.
	NECOECHEA LE ROY E	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	CANTER CAROL	R. L. Polk Co.
	MASOURIS SAM	R. L. Polk Co.
	GRASHUIS PFGGIE	R. L. Polk Co.
	YOKOMIZO TOM	R. L. Polk Co.
1962	Aston Nicholas L	Pacific Telephone
	Partridge Patrick	Pacific Telephone
	Quaintance Chas L	Pacific Telephone
1950	PETERSON IOENE R	The Pacific Telephone & Telegraph Co.
1943	Arnold Dorothy M tchr Pub Sch r	R. L. Polk & Co.
	Aston Nicholas L Eulalie acct h	R. L. Polk & Co.
	Beyer Dorothy clk r	R. L. Polk & Co.
	Boyer Dorothea L clk r	R. L. Polk & Co.
	Curtis Eric F Kath h	R. L. Polk & Co.
	Gray Goldie clk r	R. L. Polk & Co.
	Hansen Frances Mrs h	R. L. Polk & Co.
	Miller Mildred L dept supt SR & Co r	R. L. Polk & Co.
	Shook Charlotte M Mrs clk h	R. L. Polk & Co.

409 ORANGE ST

Year	Uses	Source
1967	KING EVERETT G	R. L. Polk Co.
	SNYDEP WM H	R. L. Polk Co.
1962	Snyder Walter H	Pacific Telephone
1943	POPE Harley R Anna L linemn h	R. L. Polk & Co.

410 ORANGE ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	SPIEGEL EVA R	Pacific Bell
1967	JOHNSTON MICHL C	R. L. Polk Co.
1962	Bryant H C Mrs	Pacific Telephone

FINDINGS

412 ORANGE ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	MBUGUA GERALD N	Pacific Bell
1962	Chinn Rachel	Pacific Telephone
	Chinn Roger	Pacific Telephone

417 ORANGE ST

Year	Uses	Source
1967	KOHN ALF	R. L. Polk Co.
1962	Kohn Nadja	Pacific Telephone
1943	Foust Theo S shipftr r	R. L. Polk & Co.
	Runde Joann sten r	R. L. Polk & Co.
	Frank Eug F Dolores A prsmn h	R. L. Polk & Co.

418 ORANGE ST

Year	Uses	Source
2006	JENSEN Megan	Haines Company, Inc.
1967	BRITT W W	R. L. Polk Co.
1943	Stone Jas L Neva M h	R. L. Polk & Co.
	Mc INTYRE Vern C mech r	R. L. Polk & Co.
	BROWN Evelynne M slswn J C Penney Co r	R. L. Polk & Co.

420 ORANGE ST

Year	Uses	Source
2008	CURLS BARTLING PC	Cole Information Services
2006	CURLS Ericka	Haines Company, Inc.
1992	WILMOT E G	PACIFIC BELL DIRECTORY
1967	JONES HOWARD	R. L. Polk Co.
1962	Boushaw John M	Pacific Telephone
1943	Miner Hollis H Edna embalmer Albt Brown Undertaking Co h	R. L. Polk & Co.

421 ORANGE ST

Year	Uses	Source
1943	Christiansen Ephriam C Georgette tailor h	R. L. Polk & Co.
	Stover Chester H Geraldine L furn fnshr h	R. L. Polk & Co.

422 ORANGE ST

Year	Uses	Source
1967	VERMILYEA JULIF	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	MARKMANN NATHAN	R. L. Polk Co.
	BUCK ROST M	R. L. Polk Co.
	KENDALL RICHD Y	R. L. Polk Co.
1962	Thayer Laura M	Pacific Telephone
	Markmann Nathan	Pacific Telephone
	Dunn Eleanor B Mrs	Pacific Telephone
1943	Smith Elvon W Adelaide Smith & Skuce r	R. L. Polk & Co.

423 ORANGE ST

Year	Uses	Source
1962	Florence P R	Pacific Telephone

424 ORANGE ST

Year	Uses	Source
2006	HENDERSON Ingrid	Haines Company, Inc.
	a HOLMGREN Kar	Haines Company, Inc.
	JOHNSON Loshanyn	Haines Company, Inc.
	KANTROWITZ	Haines Company, Inc.
	Samalhe	Haines Company, Inc.
	LEWIS Frank	Haines Company, Inc.
	a LIPSKASally	Haines Company, Inc.
	LOCKEY Mickey	Haines Company, Inc.
	MCINTYRE Mikel	Haines Company, Inc.
	MORGAN Wendy	Haines Company, Inc.
	RIEGG Garre t	Haines Company, Inc.
	a SOLOMON MIchelle	Haines Company, Inc.
	a TARPEY Dom Inic	Haines Company, Inc.
	TORRES Roseann	Haines Company, Inc.
	WATSON MIeta	Haines Company, Inc.
	a ALBURY Aene	Haines Company, Inc.
	ALLRED Madan	Haines Company, Inc.
	a BLACKWELL James	Haines Company, Inc.
	a BORGES Edward	Haines Company, Inc.
	COLE Donna	Haines Company, Inc.
	a CORDES Herman	Haines Company, Inc.
	CRUMP Pamela	Haines Company, Inc.
	a CURTIN Timothy	Haines Company, Inc.
	a DEJESUSJoe	Haines Company, Inc.
	FIGUEROA George	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	a HAMILTON Bobble	Haines Company, Inc.
2000	206 SHAFER JENNIFER	Pacific Bell
	401 WRIGHT MARY A	Pacific Bell
1996	306 DODD RENEE	PACIFIC BELL DIRECTORY
	401 WRIGHT BILL	PACIFIC BELL DIRECTORY
1992	401 WRIGHT BILL	PACIFIC BELL DIRECTORY
	207 FIELDS M	PACIFIC BELL DIRECTORY
	209 WONG THOS	PACIFIC BELL DIRECTORY
	301 GRAY P A	PACIFIC BELL DIRECTORY
	306 DODD RENEE	PACIFIC BELL DIRECTORY
	309 LEON JAIME	PACIFIC BELL DIRECTORY
1975	OGAWA ROBT N	Pacific Telephone
1967	BIRKE ROBT	R. L. Polk Co.
	ESERHART G S MRS	R. L. Polk Co.
	HAND RAYMOND	R. L. Polk Co.
1962	Brewster R M eggs	Pacific Telephone
1943	Darrow Geo Willita mech r	R. L. Polk & Co.
	de Leuze Guy Helen G h	R. L. Polk & Co.
	de Leuze Helen restr r	R. L. Polk & Co.
	Holm Donald R Mary R h	R. L. Polk & Co.

425 ORANGE ST

Year	Uses	Source
2006	JONES Sharica	Haines Company, Inc.
	a JURGENSHolger	Haines Company, Inc.
	a KAPLAN Nell S	Haines Company, Inc.
	KRAUSE Paul	Haines Company, Inc.
	a LEE Arvin	Haines Company, Inc.
	a LEE Dennis	Haines Company, Inc.
	a LEGESSE Fitawok	Haines Company, Inc.
	LOUIE Rufina	Haines Company, Inc.
	a LUNAAda	Haines Company, Inc.
	MCFERREN Todd	Haines Company, Inc.
	MULLERDawn	Haines Company, Inc.
	MYKETUK Anita	Haines Company, Inc.
	a FARMS Annie	Haines Company, Inc.
	c RIEGER Trevor	Haines Company, Inc.
	a RUSSELL Leila	Haines Company, Inc.
	SATTUI Yvette	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	a SCHOPP Maria	Haines Company, Inc.
	SHEA John M	Haines Company, Inc.
	a SMITH MK	Haines Company, Inc.
	SOLITIE Osbom	Haines Company, Inc.
	a SORK Lawrence	Haines Company, Inc.
	STANTON Megan	Haines Company, Inc.
	CEDAR APTS	Haines Company, Inc.
	a DEPROPRIS Connie	Haines Company, Inc.
	DOBBINS Steven	Haines Company, Inc.
	DRIVER Grace	Haines Company, Inc.
	FIELDS Noble	Haines Company, Inc.
	GARCIA C	Haines Company, Inc.
	GEBER Cla Ire	Haines Company, Inc.
	GISTM	Haines Company, Inc.
	IHLING Donna	Haines Company, Inc.
	ISABELLE WIllam	Haines Company, Inc.
	a JAGODA Steven	Haines Company, Inc.
	JOHNSTON Chadres 00 o	Haines Company, Inc.
	AGUILARSandra	Haines Company, Inc.
	BASS Henry	Haines Company, Inc.
	a BATISTE Ingid	Haines Company, Inc.
	BOWEN Leta	Haines Company, Inc.
	BREISMEISTER	Haines Company, Inc.
	Cralg	Haines Company, Inc.
	a BRIGOS Kenya	Haines Company, Inc.
	CANNON Tammy	Haines Company, Inc.
	CHAU Eddie	Haines Company, Inc.
	CHENG Colleen	Haines Company, Inc.
	a CHO Hanna	Haines Company, Inc.
	a COSTEN Maria	Haines Company, Inc.
	DAVIS Raymond	Haines Company, Inc.
	a STEMLERDoug	Haines Company, Inc.
	STRUCK Juergen	Haines Company, Inc.
	TAYLOR Harry	Haines Company, Inc.
	T 1 GLAO Edelwina	Haines Company, Inc.
	TINSLEYWm F	Haines Company, Inc.
	WALKERG	Haines Company, Inc.
	WASHINGTON	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	NIcelle	Haines Company, Inc.
	WILLIAMS Lynne	Haines Company, Inc.
	a YEUNG Shu C	Haines Company, Inc.
2000	103 LEWIS BERT	Pacific Bell
	104 TINSLEY WM F	Pacific Bell
	106 MYKETUK ANITA	Pacific Bell
	117 ZHENG YING SHU	Pacific Bell
	206 WHITE DWAYNE	Pacific Bell
	304 WOLDEMARIAM LEGESSE	Pacific Bell
	307 CUNNINGHAM THOMAS	Pacific Bell
	311 WALKER G	Pacific Bell
	314 PYLANT WILLIE L	Pacific Bell
	317 KAPLAN NEIL S	Pacific Bell
1996	104 TINSLEY WM F	PACIFIC BELL DIRECTORY
	109 SMITH S CARPET SHAMPOO SERVICE	PACIFIC BELL DIRECTORY
	116 CROSBY NATHANIEL	PACIFIC BELL DIRECTORY
	217 BROOKS TERESA	PACIFIC BELL DIRECTORY
	307 CORNMAN RONALD	PACIFIC BELL DIRECTORY
	309 SMITH C R	PACIFIC BELL DIRECTORY
	311 WALKER G	PACIFIC BELL DIRECTORY
	314 PYLANT ELLIS D	PACIFIC BELL DIRECTORY
	317 KAPLAN NEIL S	PACIFIC BELL DIRECTORY
1992	104 TINSLEY WM F	PACIFIC BELL DIRECTORY
	116 CROSBY NATHANIEL	PACIFIC BELL DIRECTORY
	201 KLUBIAN JORGEN	PACIFIC BELL DIRECTORY
	216 WILLIAMS KENNETH	PACIFIC BELL DIRECTORY
	301 MICHAEL RON	PACIFIC BELL DIRECTORY
	302 SMITH B	PACIFIC BELL DIRECTORY
	307 CORNMAN RONALD	PACIFIC BELL DIRECTORY
	309 SMITH C R	PACIFIC BELL DIRECTORY
	317 KAPLAN NEIL S	PACIFIC BELL DIRECTORY
	402 JOHNSON TED V	PACIFIC BELL DIRECTORY
1975	COLLINS JP	Pacific Telephone
	COUTS MARGARET	Pacific Telephone
1967	LEWIS GEO	R. L. Polk Co.
	COLE GORDON	R. L. Polk Co.
	DICKSON JAMES	R. L. Polk Co.
	GAFFART FEPYA	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	MAYNARD TEIRI	R. L. Polk Co.
	FICKLIN JOHN	R. L. Polk Co.
	PONIKVAP ROST	R. L. Polk Co.
	MOSS SYLVIA	R. L. Polk Co.
	BRADLEY JAMES C	R. L. Polk Co.
	LANDAU STEPH	R. L. Polk Co.
	SEALS RICHO	R. L. Polk Co.
	KAISER PHILLIP	R. L. Polk Co.
	TAYLOR ALICE	R. L. Polk Co.
	ASH DAVID M	R. L. Polk Co.
	MORGAN MICHL D	R. L. Polk Co.
	DONHAM JOSEPH	R. L. Polk Co.
	MC NEILL LARRY R	R. L. Polk Co.
	PARTLOW MARY	R. L. Polk Co.
	MAPLOIS MARK	R. L. Polk Co.
	HOWARD FRANK E	R. L. Polk Co.
	HOFFMAN BEN F	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	BARNES SUZANNE D	R. L. Polk Co.
	CHAUVET JOYCE	R. L. Polk Co.
	MOTSENBOCKER NORMAN R	R. L. Polk Co.
	SMITH ROBT M	R. L. Polk Co.
	UMU FRANK	R. L. Polk Co.
	HALL WM	R. L. Polk Co.
	ROOT BARBARA A	R. L. Polk Co.
	PHALEN WM	R. L. Polk Co.
	BLAKEMORE JOHN	R. L. Polk Co.
	SMITH WM H JR	R. L. Polk Co.
	WILEY JEANETTE	R. L. Polk Co.
	GAMAGE RICHD A	R. L. Polk Co.
	HIGGINS JEREMEY L	R. L. Polk Co.
	DAPNELL BERNICE	R. L. Polk Co.
	REYNOLDS JACK	R. L. Polk Co.
	RYAN WM	R. L. Polk Co.
	HUNT DANL	R. L. Polk Co.
	BACH MARTIN W	R. L. Polk Co.
	JACOBSON LIND	R. L. Polk Co.
	CAPPELL LARRY H	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	VACANT	R. L. Polk Co.
	TAYLOR KEITH	R. L. Polk Co.
	SHERMAN MAURICE L	R. L. Polk Co.
	HOLNESS KEITH	R. L. Polk Co.
	HANKS BRENT	R. L. Polk Co.
	JOHNSON WARREN	R. L. Polk Co.
	KANNER MELVIN	R. L. Polk Co.
	JACKSON MARION	R. L. Polk Co.
	HEADY SHIPLEY	R. L. Polk Co.
	ANDERSEN SCOTT F	R. L. Polk Co.
	HOPKINS THOS F	R. L. Polk Co.
	WHALFN S F	R. L. Polk Co.
1962	Pettis Fernando	Pacific Telephone
	Hays Richard U	Pacific Telephone
1943	FELDMAN Wm mech r	R. L. Polk & Co.
	Newell Vernon S Marie h	R. L. Polk & Co.
	Newell Vernon S jr USN r	R. L. Polk & Co.
	Tilson Byll mech r	R. L. Polk & Co.

426 ORANGE ST

Year	Uses	Source
2006	a WORM David	Haines Company, Inc.
	RONQUILLO Elena	Haines Company, Inc.
1967	BROOEPSEN ELMER W	R. L. Polk Co.
1962	Brodersen E W	Pacific Telephone
1943	Mc Namara Hattie E wid Wallace h	R. L. Polk & Co.
	Comerford Eloise P Mrs h	R. L. Polk & Co.

429 ORANGE ST

Year	Uses	Source
1943	Cardwell Lester J Mildred A h	R. L. Polk & Co.
	DODD Patricia r	R. L. Polk & Co.

430 ORANGE ST

Year	Uses	Source
2013	MANNEQUIN MADNESSSALES & RENTAL	Cole Information Services
2008	MANNEQUIN MADNESS	Cole Information Services
2006	MADNESS	Haines Company, Inc.
	MANNEQUIN	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	C KUROSAWA Robert	Haines Company, Inc.
2000	C KUROSAWA ROBERT	Pacific Bell
	B HENDERSON JUDITH	Pacific Bell
1975	HOWARD W L	Pacific Telephone
1967	SILVERS DAISY B MRS	R. L. Polk Co.
	DUSKY BYRON L RILES ELTON L	R. L. Polk Co.
1962	Silvers Daisy B	Pacific Telephone
	Scharello J	Pacific Telephone
1943	Gomez Manuala r	R. L. Polk & Co.
	de La Guardia Guillermina wid R A h	R. L. Polk & Co.

431 ORANGE ST

Year	Uses	Source
1962	Fisher Nelda B r	Pacific Telephone
1943	Goehringer Olga r	R. L. Polk & Co.
	Fisher Nelda B h	R. L. Polk & Co.

438 ORANGE ST

Year	Uses	Source
2006	NEAL Valerie	Haines Company, Inc.
2000	4 HELSMAN ILAN M	Pacific Bell
1992	COHN ROBERT C	PACIFIC BELL DIRECTORY
1967	BLANCHEIELD DACFY D S	R. L. Polk Co.
	MAC FARLANE SHIRLEY A	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	APARTMENTS d	R. L. Polk Co.
	MAIHEN GORDON K	R. L. Polk Co.
1962	Nootbaar Robt T	Pacific Telephone
	Delphas Lampshades	Pacific Telephone
	Blanchfield D D	Pacific Telephone

444 ORANGE ST

Year	Uses	Source
1943	Wilson Donald J Edith C drftsmn h	R. L. Polk & Co.

446 ORANGE ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1967	CLARKF ALLISON B	R. L. Polk Co.
1962	Sterling Elizabeth M Mrs	Pacific Telephone

FINDINGS

Year	Uses	Source
1943	Frier Robt B Madoline M h	R. L. Polk & Co.

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Year	Uses	Source
2006	GEBRE MEDHIN	Haines Company, Inc.
	Yammut	Haines Company, Inc.
	HERMES Samy	Haines Company, Inc.
	MCCOY Roberta	Haines Company, Inc.
	TAFTJeasica	Haines Company, Inc.
	TRUVILUON Mad	Haines Company, Inc.
	APARTMENTS	Haines Company, Inc.
	AZGUI Faza	Haines Company, Inc.
	BROWN Gint	Haines Company, Inc.
	BROWN Hariet	Haines Company, Inc.
	CABRALHema O	Haines Company, Inc.
	CAENEPEELSean	Haines Company, Inc.
	DAVIS Tnmothy	Haines Company, Inc.
	FISSEHASeble D	Haines Company, Inc.
2000	22 DWOJAK SUNSHINE M	Pacific Bell
	36 MCCOY ROBERTA	Pacific Bell
	36 BROWN CLINT	Pacific Bell
	38 HILL GEO L	Pacific Bell
	39 ABEBE DERJE	Pacific Bell
	42 BELHUMEUR WILLIAM D	Pacific Bell
	43 HILL E	Pacific Bell
	44 HAYDEN CHRISTOPHER	Pacific Bell
	50 BOUIE CHARLES	Pacific Bell
1996	25 STRICKLAND D E	PACIFIC BELL DIRECTORY
	38 HILL GEO L	PACIFIC BELL DIRECTORY
	43 HILL E	PACIFIC BELL DIRECTORY
	49 HOULIHAN ROBT E	PACIFIC BELL DIRECTORY
1992	23 HOUWEIDI HAMID	PACIFIC BELL DIRECTORY
	25 STRICKLAND D E	PACIFIC BELL DIRECTORY
	31 SCOTT KENNETH & ETHEL	PACIFIC BELL DIRECTORY
	38 HILL GEO L	PACIFIC BELL DIRECTORY
	39 JEGLUM J A	PACIFIC BELL DIRECTORY
	43 HILL E	PACIFIC BELL DIRECTORY
	44 DOBSON MARTIN D	PACIFIC BELL DIRECTORY
1975	CAROSIO E A	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	GROSVALD MORRIS L	Pacific Telephone
1967	APARTMENTS	R. L. Polk Co.
	FPIEDLAND HAPPY	R. L. Polk Co.
	BLOUNT DONN	R. L. Polk Co.
	HILLS MARIE D MRS	R. L. Polk Co.
	DITTENHAUER HFLEN	R. L. Polk Co.
	JUST CARL P	R. L. Polk Co.
	NIEBOJEWSKI ANN	R. L. Polk Co.
	VISICK HUBERT E	R. L. Polk Co.
	DIMMLES CHARLES	R. L. Polk Co.
	CAPSEL SOPHIE P MRS	R. L. Polk Co.
	COVE MARY	R. L. Polk Co.
	DYER KENNETH	R. L. Polk Co.
	HERSEY M PAUL	R. L. Polk Co.
	CENTER JOHN	R. L. Polk Co.
	CAPOSTO FDITH A MRS	R. L. Polk Co.
	DIPPOLD JOHN H	R. L. Polk Co.
	JACKSON MINNA	R. L. Polk Co.
	APONSON CHESTER R	R. L. Polk Co.
	JEGLUM JOY	R. L. Polk Co.
	GHIRAPOELLI ELSIE L MRS	R. L. Polk Co.
	MC CARRY CECILIA B	R. L. Polk Co.
	HILL EDITH C MRS	R. L. Polk Co.
	KOPP THEO L JR	R. L. Polk Co.
	COLE LOTS	R. L. Polk Co.
	CLARKE WM R	R. L. Polk Co.
	NO RETURN	R. L. Polk Co.
	SMART BRFT W	R. L. Polk Co.
	ANDERSON W VAN	R. L. Polk Co.
	PTHSE MAROUARO MILTON A	R. L. Polk Co.
1962	Marquard Milton	Pacific Telephone
1943	Marquard Milton A Peggy h	R. L. Polk & Co.

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Year	Uses	Source
2006	a CHING Dark	Haines Company, Inc.
1967	COSTA DERVY	R. L. Polk Co.
1962	Clark Allison Brett	Pacific Telephone
1943	CLARK Allison B r	R. L. Polk & Co.

Year	Uses	Source
1943	CLARK John E h	R. L. Polk & Co.

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Year	Uses	Source
1962	Stewart Lanelle	Pacific Telephone
	White Nadine	Pacific Telephone
	Kelly Gwen	Pacific Telephone
	Glendon Sharon	Pacific Telephone
	Ewing Wm A	Pacific Telephone
1950	MARQUARD MILTON	The Pacific Telephone & Telegraph Co.
1943	Tarrant Ralph R Helen h	R. L. Polk & Co.
	Mc EVOY Kathleen I bkpr Providence Hosp r	R. L. Polk & Co.
	Mc EVOY Jean M tel opr r	R. L. Polk & Co.
	Mc EVOY Agnes h	R. L. Polk & Co.
	Daniel Beryl V clk r	R. L. Polk & Co.
	Karbach Eleanor L h	R. L. Polk & Co.

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Year	Uses	Source
1970	BERWICK JAS T	Pacific Telephone Directory
	PAGE C G	Pacific Telephone Directory
	PAGE LEE	Pacific Telephone Directory
1955	GULWITS NETTIE M R	The Pacific Telephone & Telegraph Co.
	BERWICK JAS T R	The Pacific Telephone & Telegraph Co.
	MARCH WALTER	The Pacific Telephone & Telegraph Co.
	WILLIAMS ELWIN G MRS	The Pacific Telephone & Telegraph Co.
1950	SANTY FRANK G R	The Pacific Telephone & Telegraph Co.
	GUIWITS NETTLE M R	The Pacific Telephone & Telegraph Co.
	BERWICK JAS T R	The Pacific Telephone & Telegraph Co.
1945	MCLAUGHLIN RAY R	The Pacific Telephone & Telegraph Co.
	HALLOWELL G W MRS R	The Pacific Telephone & Telegraph Co.
	HALL LEE M R	The Pacific Telephone & Telegraph Co.
	BRASEFIELD H D R	The Pacific Telephone & Telegraph Co.
	BRASEFIELD ELIZABETH R	The Pacific Telephone & Telegraph Co.
1938	ANDERSON CHARLES A MRS R	Pacific Telephone
	ATKINS W B R	Pacific Telephone
	BRASEFIELD H D R	Pacific Telephone

FINDINGS

Year	Uses	Source
1938	UCOVICH M C MRS R	Pacific Telephone
1933	BRASEFIELD HAL D (VAL M) AUTO MECH H	R. L. Polk & Co.
	BRASEFIELD ELIZ MRS SEC ASSN FOR SCIENTIFIC THINKING R	R. L. Polk & Co.
	BRASEFIELD HARVEY D PRIN FREMONT HIGH SCH H	R. L. Polk & Co.
	HINES THOS E (GERTRUDE H) SLSMN H	R. L. Polk & Co.
	PERKINS GEO G (VIOLET) DEP DIST ATTY H	R. L. Polk & Co.
1928	h Geo C depy Alameda Co Dist Atty H	R.L. Polk and Co of California
	Boyes Edmund W Dora A B F Kiessling & Son H	R.L. Polk and Co of California
	68th Thos E Gertrude H H	R.L. Polk and Co of California
	Brasefield Harvey D Eliz M prn OPS H	R.L. Polk and Co of California
1925	JONES ERNEST S R	R. L. Polk & Co. of California
	HARDENBERGH P B R	R. L. Polk & Co. of California

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Year	Uses	Source
1975	DORR C K	Pacific Telephone
	JACQUES S A	Pacific Telephone
1970	BOGE H G C DR	Pacific Telephone Directory
	JACQUES S A	Pacific Telephone Directory
	ROTT A	Pacific Telephone Directory
1955	MANN MAUDE	The Pacific Telephone & Telegraph Co.
	O FLYNN CLARENCE E	The Pacific Telephone & Telegraph Co.
	ROTT AMY D R	The Pacific Telephone & Telegraph Co.
	WILLIAMS CHAS H	The Pacific Telephone & Telegraph Co.
1950	MALCOLM MAY MRS R	The Pacific Telephone & Telegraph Co.
1945	KNOWLES MARY L MRS R	The Pacific Telephone & Telegraph Co.
	MALCOLM M MRS R	The Pacific Telephone & Telegraph Co.
	ROTT AMY D R	The Pacific Telephone & Telegraph Co.
	WOOD CHARLES R	The Pacific Telephone & Telegraph Co.
1938	ANDERSON WALTER W R	Pacific Telephone
	MALCOLM M MRS R	Pacific Telephone
	ROTT ADOLPH H R	Pacific Telephone
1933	JOHNSTON AMY D CLK R	R. L. Polk & Co.
	JOHNSTON ARCH (ORA) ENG H	R. L. Polk & Co.
	PARKER GENEVIEVE CLK R	R. L. Polk & Co.

Year	Uses	Source
1933	PARKER ROBT A (GENEVIEVE) H	R. L. Polk & Co.
	ROTT ADOLPH H BKPR H	R. L. Polk & Co.
	ROTT AMY D STEN R	R. L. Polk & Co.
1928	P Harold R H	R.L. Polk and Co of California
	Rotowsky Adolph H Emma bkpr R	R.L. Polk and Co of California
	Mb Fred E H	R.L. Polk and Co of California
1925	PETERSON WM J R	R. L. Polk & Co. of California
	ROTT ADOLPH H R	R. L. Polk & Co. of California
	WISE LIONEL R	R. L. Polk & Co. of California

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Year	Uses	Source
1975	BARNETT S	Pacific Telephone
1970	SANDOR LES	Pacific Telephone Directory
	LUMLEY ROSS	Pacific Telephone Directory
	GRABER ROBT	Pacific Telephone Directory
	BALSTER B	Pacific Telephone Directory
1955	EASTMAN B M R	The Pacific Telephone & Telegraph Co.
	GOLDSMITH LEWIS S	The Pacific Telephone & Telegraph Co.
	ROSS JOS M D	The Pacific Telephone & Telegraph Co.
	MAZMANIAN JOS	The Pacific Telephone & Telegraph Co.
	KNIGHTON ROBT L	The Pacific Telephone & Telegraph Co.
1950	PARESA ROSE R	The Pacific Telephone & Telegraph Co.
	HERRERA TONY R	The Pacific Telephone & Telegraph Co.
	LITCH JACK L R	The Pacific Telephone & Telegraph Co.
	WICKE EARL C R	The Pacific Telephone & Telegraph Co.
	EASTMAN B M R	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1975	CAPELLI ROSE	Pacific Telephone
1970	KEENAN WILLARD	Pacific Telephone Directory
	CAPELLI ROSE	Pacific Telephone Directory
1955	CAPPELLI LAWRENCE R	The Pacific Telephone & Telegraph Co.
1945	CAPPELLI LAWRENCE R	The Pacific Telephone & Telegraph Co.
1938	CAPPELLI LAWRENCE R	Pacific Telephone
1933	RIORDAN JOHN A (JULIA) UNDERWRITER EQUITABLE LIFE ASSURANCE SOC H	R. L. Polk & Co.

Year	Uses	Source
1928	Jas John A Julia slsmn Equitable Life Assur Soc H	R.L. Polk and Co of California
1925	RIORDAN JOHN R	R. L. Polk & Co. of California

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Year	Uses	Source
1975	CRAWFORD M	Pacific Telephone
1970	CRAWFORD M	Pacific Telephone Directory
	CURRIE WILHELMINA A H	Pacific Telephone Directory
1955	ERICKSON GLADYS R	The Pacific Telephone & Telegraph Co.
	GARIEPY ROBT	The Pacific Telephone & Telegraph Co.
1950	ERICKSON EDWIN R	The Pacific Telephone & Telegraph Co.
1945	GREEN C E R	The Pacific Telephone & Telegraph Co.
1938	KATZ HERMAN R	Pacific Telephone
1933	JONES M WAITER R	R. L. Polk & Co.
	KATZ BERTHA MRS H	R. L. Polk & Co.
	KATZ HERMAN OPTOM	R. L. Polk & Co.
	KATZ ROSE TCHR R	R. L. Polk & Co.
1928	Bertha R	R.L. Polk and Co of California
	Howarth Ralph B slsmn Si Ell Oo R	R.L. Polk and Co of California
	h Herman optom	R.L. Polk and Co of California
	R	R.L. Polk and Co of California
	av Robt M slsmn E H Barber Co R	R.L. Polk and Co of California
1925	KATZ A R	R. L. Polk & Co. of California
1920	KATZ A R	R. L. Polk & Co. of California

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Year	Uses	Source
1975	MURANINHI D	Pacific Telephone
1970	BISCHOFF E B	Pacific Telephone Directory
	SHERMAN S	Pacific Telephone Directory
	RICHARDS M L	Pacific Telephone Directory
1955	ROTHER EVELYN	The Pacific Telephone & Telegraph Co.
	RAYBOURNE T P	The Pacific Telephone & Telegraph Co.
	HERRERA TONY	The Pacific Telephone & Telegraph Co.
	HAHN SANFORD H CHPLN	The Pacific Telephone & Telegraph Co.
	BURRER EVELYN	The Pacific Telephone & Telegraph Co.
1950	STILLMAN ERMA R	The Pacific Telephone & Telegraph Co.
	STILLMAN AVIS R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1950	PELL JOS R	The Pacific Telephone & Telegraph Co.
	JETMORE ERYLINE R	The Pacific Telephone & Telegraph Co.
	BUTLER MARGARET R	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1975	NEAL CARLTON	Pacific Telephone
	MC DONNEL N	Pacific Telephone
1970	SCHWARTZ JAS	Pacific Telephone Directory
1955	BUMBAUGH ALICE C R	The Pacific Telephone & Telegraph Co.
1950	BUMBAUGH ALICE C R	The Pacific Telephone & Telegraph Co.
1945	BUMBAUGH ALICE C R	The Pacific Telephone & Telegraph Co.
1938	BUMBAUGH ALICE C R	Pacific Telephone
1933	WILSON THORNTON (IRENE) LAWYER R914	R. L. Polk & Co.
1928	Co Thornton Irene R lawye R	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
	R Joy S R	R.L. Polk and Co of California
1925	WILSON THORNTON R	R. L. Polk & Co. of California
1920	WEBSTER BRADFORD R	R. L. Polk & Co. of California

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Year	Uses	Source
1975	CAPPELLI LARRY H	Pacific Telephone
1970	CAPPELLI LAWRENCE H	Pacific Telephone Directory
	BROUSSEAU ROBT P	Pacific Telephone Directory
1955	TAYLOR R M	The Pacific Telephone & Telegraph Co.
1950	CORYELL CARROLL C PIANO TNR	The Pacific Telephone & Telegraph Co.
1945	FINCH E C R	The Pacific Telephone & Telegraph Co.
1938	FINCH E C R	Pacific Telephone
1933	FINCH MARGT R	R. L. Polk & Co.
	FINCH ANNA M MRS H	R. L. Polk & Co.
1928	Elec Margt R	R.L. Polk and Co of California
	Finch Edw C Anna U real est H	R.L. Polk and Co of California
1920	FINCH E C R	R. L. Polk & Co. of California

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Year	Uses	Source
1975	PORTER WOODY	Pacific Telephone
1970	QUINTERO ISAAC	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	COMEAU ARTHUR	Pacific Telephone Directory
1950	GIBSON PAUL A R	The Pacific Telephone & Telegraph Co.
1938	HESSE F MISS R	Pacific Telephone
1933	NASH WM H MGR LA VIDA MINERAL WATER CO R	R. L. Polk & Co.
	KOCH BERNARD C CLK OKLD PO R	R. L. Polk & Co.
	HARRIS MARY G MRS H	R. L. Polk & Co.
1928	way Mary G H	R.L. Polk and Co of California
	Koch Bernard C elk PO R	R.L. Polk and Co of California
1925	HARRIS MARY G R	R. L. Polk & Co. of California
	MAWDSLEY CAPT L R	R. L. Polk & Co. of California
1920	GOHRMAN MRS EMMA R	R. L. Polk & Co. of California

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Year	Uses	Source
1975	ADAIR M	Pacific Telephone
	BARNES R A	Pacific Telephone
	CAMPBELL S A	Pacific Telephone
	CANFIELD CHAS	Pacific Telephone
	EONOS JOHNNY	Pacific Telephone
	HEERA PREM S	Pacific Telephone
	JONES EDDIE J	Pacific Telephone
	LANDREBE E A	Pacific Telephone
	MEDEIROS ROBT	Pacific Telephone
	MISER H II	Pacific Telephone
1970	BARNES R A	Pacific Telephone Directory
	CAMPBELL S A	Pacific Telephone Directory
	DUNN E S MRS	Pacific Telephone Directory
	ENOS JOHNNY	Pacific Telephone Directory
	HOWE WALLACE H CAPT USN RET	Pacific Telephone Directory
	JACQUES M	Pacific Telephone Directory
	LANDREBE E A	Pacific Telephone Directory
	LECA HENRY P	Pacific Telephone Directory
	MISER H H	Pacific Telephone Directory
	MOORE PAUL MRS	Pacific Telephone Directory
	OLSEN KENNETH	Pacific Telephone Directory
	SMITH HORATIO W	Pacific Telephone Directory
1955	GRAHAM RICHARD L	The Pacific Telephone & Telegraph Co.
	KILE KEITH	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1955	SPIELER CHAS W	The Pacific Telephone & Telegraph Co.
	WOODRUFF HAROLD H	The Pacific Telephone & Telegraph Co.
1950	FREEMAN J F	The Pacific Telephone & Telegraph Co.
	RAPPORT RUBY P R	The Pacific Telephone & Telegraph Co.
1938	JONES PAUL S R	Pacific Telephone
1933	ATHERTON ARTH A (SADIE) H	R. L. Polk & Co.
	ATHERTON WALTER RESTR	R. L. Polk & Co.
1928	Chas R Kate P slsmn H	R.L. Polk and Co of California
	Lakeside Samuel Sarah F S Jackson & Sons H	R.L. Polk and Co of California
1925	JACKSON S R	R. L. Polk & Co. of California
1920	JACKSON S R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	MILLER LOLA	The Pacific Telephone & Telegraph Co.
1950	MILLER GEO MRS R	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1975	ANDERSON KAY	Pacific Telephone
	BONDIE JOHN	Pacific Telephone
	BROWN D BRADLEY	Pacific Telephone
	DILLIARD MARGARET	Pacific Telephone
	EDWARDS TERRY A	Pacific Telephone
	HARRISON WM	Pacific Telephone
	HYSTEN BESSIE	Pacific Telephone
	LITTLES JAS R	Pacific Telephone
	MARTIN MORRIS	Pacific Telephone
	PARKER GREG	Pacific Telephone
1970	JOHNSON EMERY C	Pacific Telephone Directory
	KLEMM DAVID	Pacific Telephone Directory
	KNOX JENNIFER	Pacific Telephone Directory
	LAWRENCE MICHAEL	Pacific Telephone Directory
	LEWIS G D	Pacific Telephone Directory
	LEWIS JACK J	Pacific Telephone Directory
	LIEBICH RICHARD	Pacific Telephone Directory
	LUFKIN RAYMOND F	Pacific Telephone Directory
	MCCREE NAMON L	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	MCGLYNN J F	Pacific Telephone Directory
	MEDFORD THOS S	Pacific Telephone Directory
	PALMER STEFAN C	Pacific Telephone Directory
	SILVEIRA B	Pacific Telephone Directory
	SNYDER GARY	Pacific Telephone Directory
	THOMAS J	Pacific Telephone Directory
	WALKER CELESTE	Pacific Telephone Directory
	WARNER M	Pacific Telephone Directory
1955	HOLST KENNETH L VISUAL EDUCATN	The Pacific Telephone & Telegraph Co.
	MCGOWAN JOHN T	The Pacific Telephone & Telegraph Co.
	NORTHERN CALIF RELIGIOUS FILMS	The Pacific Telephone & Telegraph Co.
1950	STRAWN WM J R	The Pacific Telephone & Telegraph Co.
1938	ATKINSON J MRS R	Pacific Telephone
1933	ATKINSON ANNIE GARMT FNSHR R	R. L. Polk & Co.
	ATKINSON JOS (ANNE) CARP H	R. L. Polk & Co.
1928	r Mary E wid Adolph H	R.L. Polk and Co of California
1925	BRUENN A R	R. L. Polk & Co. of California
1920	BRUENN A R	R. L. Polk & Co. of California

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Year	Uses	Source
1991	Chabrol Marc	PACIFIC BELL WHITE PAGES
	Chabrel Marie Violalne	PACIFIC BELL WHITE PAGES
1975	LEVY HOWARD M	Pacific Telephone
	DE LIMA R A	Pacific Telephone
1970	YOKOMIZO TOM	Pacific Telephone Directory
	WALLACE GARY L	Pacific Telephone Directory
1955	MANNING NELLIE	The Pacific Telephone & Telegraph Co.
	JOSEPH A H MRS	The Pacific Telephone & Telegraph Co.
	JOHNSTON MARGARET F	The Pacific Telephone & Telegraph Co.
	HOXIE LOIS D	The Pacific Telephone & Telegraph Co.
	DIXON A	The Pacific Telephone & Telegraph Co.
	DAKESSIAN LUCILLE	The Pacific Telephone & Telegraph Co.
	ASTON NICHOLAS L R	The Pacific Telephone & Telegraph Co.
1950	BISHOP DOROTHY R	The Pacific Telephone & Telegraph Co.
	FISHER ANITA R	The Pacific Telephone & Telegraph Co.
	HURD BLANCHE E R	The Pacific Telephone & Telegraph Co.
	JONRES MYRNA R	The Pacific Telephone & Telegraph Co.
	YOWS JEAN R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1945	ASTON NICHOLAS L R	The Pacific Telephone & Telegraph Co.
1938	WATSON N A R	Pacific Telephone
1933	TOCHTERMAN JOHN CLK R	R. L. Polk & Co.
	TOCHTERMAN JOS (ROSE) (J & P TOCHTERMAN) H	R. L. Polk & Co.
	TOCHTERMAN REYNA BKPR J & P TOCHTERMAN R	R. L. Polk & Co.
	TOCHTERMAN PERCY (J & P TOCHTERMAN) R	R. L. Polk & Co.
	TOCHTERMAN EVELYN CLK R	R. L. Polk & Co.
1928	H	R.L. Polk and Co of California
	Tochterman Jos Rose do	R.L. Polk and Co of California
	2194 Pearl clk Jos Tochterman R	R.L. Polk and Co of California
	2194 Percy olk Jos Tochterman R	R.L. Polk and Co of California
	2194 Sophie sten Golden Gate Suit House R	R.L. Polk and Co of California
1925	TOCHTERMAN J R	R. L. Polk & Co. of California
1920	COOK E P R	R. L. Polk & Co. of California

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Year	Uses	Source
1945	POPE HARLEY R R	The Pacific Telephone & Telegraph Co.
1938	POPE HARLEY R R	Pacific Telephone
1933	POPE HARLEY R (ANNA) ELECTN H	R. L. Polk & Co.
1928	C Harley R H	R.L. Polk and Co of California
1925	FLETCHER GEO T R	R. L. Polk & Co. of California
1920	YEAGER H C R	R. L. Polk & Co. of California

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Year	Uses	Source
1970	ROY B G	Pacific Telephone Directory
1955	DUNN ELEANOR B MRS	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1970	STONHAM COLIN J	Pacific Telephone Directory
1955	ANDREW PAUL	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1955	SNYDER WALTER H R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1950	SNYDER WALTER H R	The Pacific Telephone & Telegraph Co.
1945	FRANK GENE R	The Pacific Telephone & Telegraph Co.
1938	BRITTINGHAM G R R	Pacific Telephone
	OLSEN OSCAR FRANCIS R	Pacific Telephone
1933	BRITTINGHAM GEO R (FLORENCE) SEC ASSOC HARDWARE CO H	R. L. Polk & Co.
1928	Oscar F Mattle H	R.L. Polk and Co of California
	N Florence F R	R.L. Polk and Co of California
1925	OLSEN O F R	R. L. Polk & Co. of California
1920	OLSEN O F R	R. L. Polk & Co. of California

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Year	Uses	Source
1950	BOUSHAW JOHN MIN R	The Pacific Telephone & Telegraph Co.
1938	BALDWIN E J R	Pacific Telephone
1933	JOHNSON GERTRUDE M MRS CLK H	R. L. Polk & Co.
1925	BASHAM THOS A R	R. L. Polk & Co. of California
1920	MOODY J R R	R. L. Polk & Co. of California

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Year	Uses	Source
1970	ABE KATSUYA	Pacific Telephone Directory
1955	SCHOMMER JOHN J	The Pacific Telephone & Telegraph Co.
1950	DONNIELL H G R	The Pacific Telephone & Telegraph Co.
1945	DONNELL H G R	The Pacific Telephone & Telegraph Co.
1938	KNOWLES MARY L MRS R	Pacific Telephone
1933	KNOWLES MARY L MRS H	R. L. Polk & Co.
1925	WOODFIN JOSEPH W R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	CHRISTIANSEN E C R	The Pacific Telephone & Telegraph Co.
	CHRISTIANSEN DOROTHY K	The Pacific Telephone & Telegraph Co.
1950	CHRISTIANSEN ANNA C MRS R	The Pacific Telephone & Telegraph Co.
1945	CHRISTIANSEN E C R	The Pacific Telephone & Telegraph Co.
	STOVER GERALDINE L MRS R	The Pacific Telephone & Telegraph Co.
1938	CHRISTIANSEN E C R	Pacific Telephone
	PETERSON MINNIE R	Pacific Telephone
1933	CHRISTIANSEN EPHRIAM C (GEORGETTE) TAILOR H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1928	Malloch Betty clk R	R.L. Polk and Co of California
	Iba Gertrude M clk GEOo R	R.L. Polk and Co of California
	av Ephriam C Goorgetta tailo R	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
	or Arth sidt R	R.L. Polk and Co of California
1925	CHRISTIANSEN E C R	R. L. Polk & Co. of California
1920	HARTLEY V W R	R. L. Polk & Co. of California

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Year	Uses	Source
1970	MARKMANN EUDORA KING	Pacific Telephone Directory
1955	PAYNE GORDON E	The Pacific Telephone & Telegraph Co.
	MARKMANN NATHAN	The Pacific Telephone & Telegraph Co.
1950	SODERLUND THOR E R	The Pacific Telephone & Telegraph Co.
1945	SMITH ELVON W R	The Pacific Telephone & Telegraph Co.
1938	SMITH ELVON W R	Pacific Telephone
1933	SMITH ELVON W (ADELAIDE R) GRO	R. L. Polk & Co.
	SMITH DOROTHY E R	R. L. Polk & Co.
1928	Locksley Elvon W Adelaide R gro	R.L. Polk and Co of California
	way Dorothy R	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
1925	BAMBERGER J R	R. L. Polk & Co. of California
1920	MILLS JOHN S R	R. L. Polk & Co. of California

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Year	Uses	Source
1975	BELL A W	Pacific Telephone
	BIGGAR NORMA	Pacific Telephone
	CALDWELL AUDREY	Pacific Telephone
	CARLEY JIM	Pacific Telephone
	CASE M I	Pacific Telephone
	DOWNST E M	Pacific Telephone
	DYE MAVIE	Pacific Telephone
	HELVEY EDREN	Pacific Telephone
	JOHNSON CARLYLE	Pacific Telephone
	JONES ALBERT	Pacific Telephone
	LONG WL	Pacific Telephone
	NICHOLS TOMMIE	Pacific Telephone
	ORANGE STREET APARTMENTS	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	BERBER G	Pacific Telephone Directory
	HAND RAY	Pacific Telephone Directory
	ROEPER HANS	Pacific Telephone Directory
1955	BREWSTER R M EGGS	The Pacific Telephone & Telegraph Co.
	DARROW GEORGE R	The Pacific Telephone & Telegraph Co.
1950	BREWSTER R M TRI CITY INDEPENDENT CREAMERY	The Pacific Telephone & Telegraph Co.
	TRI CITY INDEPENDENT CREAMERY	The Pacific Telephone & Telegraph Co.
1945	HOLM DONALD R MRS R	The Pacific Telephone & Telegraph Co.
	DARROW GEORGE R	The Pacific Telephone & Telegraph Co.
1938	SLITER MARGARET MRS R	Pacific Telephone
1928	H Royal S Mrs H	R.L. Polk and Co of California
1920	MALLOCH HENRY R	R. L. Polk & Co. of California

425 ORANGE WAY

Year	Uses	Source
1975	COLE GORDON	Pacific Telephone
	EICHLIN WM WH	Pacific Telephone
	FLAIG C A	Pacific Telephone
	GREEN K	Pacific Telephone
	GYGLI SHAUNNA	Pacific Telephone
	HARRIGAN KEITH	Pacific Telephone
	HIFLIARD CLARENCE	Pacific Telephone
	HOLROYD GREG	Pacific Telephone
	JARVL GEO A	Pacific Telephone
	JOHNSON IVAN H	Pacific Telephone
	KIKES H	Pacific Telephone
	KISELA WENDY	Pacific Telephone
	LAIRD STEPHEN	Pacific Telephone
	LAZO S	Pacific Telephone
	MULLER DAWN D	Pacific Telephone
	NATON PAUL	Pacific Telephone
	OLIVER ROBT	Pacific Telephone
	PARTALIS MARK	Pacific Telephone
	ADKINS RICHARD L	Pacific Telephone
	CHUI CECILIA	Pacific Telephone
1970	ARNOLD LLOYD H	Pacific Telephone Directory
	BIANUCCI JOHN A	Pacific Telephone Directory
	BLEDSOE A BENTON	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	BLEILER SUSAN E	Pacific Telephone Directory
	BRADLEY JAS C	Pacific Telephone Directory
	CHIN WING	Pacific Telephone Directory
	COLE GORDON	Pacific Telephone Directory
	CROSS ROBT WM	Pacific Telephone Directory
	CUTLER CHAS H	Pacific Telephone Directory
	DOWNING JAS C	Pacific Telephone Directory
	DUNCAN ROBT	Pacific Telephone Directory
	FELSCH DIANE	Pacific Telephone Directory
	FINLAYSON RALPH L	Pacific Telephone Directory
	FLAIG C A	Pacific Telephone Directory
	FOOTE RICHARD L	Pacific Telephone Directory
	GYGLI SHAUNNA	Pacific Telephone Directory
	HARVEY WAYNE A	Pacific Telephone Directory
	HAYASHIDA HARUO	Pacific Telephone Directory
	HEADY S	Pacific Telephone Directory
	HENDRICK TROWBRIDGE W	Pacific Telephone Directory
	HIGGINS J L	Pacific Telephone Directory
	HOFFMAN BEN F	Pacific Telephone Directory
	HOWARD F E HAP	Pacific Telephone Directory
	HUNT DANL E	Pacific Telephone Directory
	IMAMOTO ALLAN T	Pacific Telephone Directory
	JACKSON MARIAN	Pacific Telephone Directory
	JEX JOHN A	Pacific Telephone Directory
	KEISER P	Pacific Telephone Directory
	KENNEY VIRGINIA K	Pacific Telephone Directory
	LANGS RICHARD	Pacific Telephone Directory
	MCCABE JAS	Pacific Telephone Directory
	MEHM MARYANN	Pacific Telephone Directory
	MEISER DAVID L	Pacific Telephone Directory
	ROSENOW GARY A	Pacific Telephone Directory
	SCHIEFER E E	Pacific Telephone Directory
	SHERMAN MAURICE L	Pacific Telephone Directory
	SHERMAN S	Pacific Telephone Directory
	SILL L	Pacific Telephone Directory
	SMITH ROBT MENZO	Pacific Telephone Directory
	THEOBALD J	Pacific Telephone Directory
	THOMPSON JANE M	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	UMU JEAN	Pacific Telephone Directory
	VOSS B H	Pacific Telephone Directory
1955	NEWELL MARIE	The Pacific Telephone & Telegraph Co.
1950	DICKINSON JAS M R	The Pacific Telephone & Telegraph Co.
1945	NEWELL VERNON S R	The Pacific Telephone & Telegraph Co.
1933	HUGHES KIRBY E (EDITH) AVIATOR H	R. L. Polk & Co.
1928	cisco Mattie Mrs H	R.L. Polk and Co of California
1925	HUGHES MATTIE K R	R. L. Polk & Co. of California
1920	HUGHES MATTIE K R	R. L. Polk & Co. of California

426 ORANGE WAY

Year	Uses	Source
1975	BRODERSEN E W	Pacific Telephone
1970	BRODERSEN E W	Pacific Telephone Directory
1955	BRODERSEN E W	The Pacific Telephone & Telegraph Co.
1950	PROVINES CORNELIA D R	The Pacific Telephone & Telegraph Co.
1945	MCNAMARA WALLACE MRS R	The Pacific Telephone & Telegraph Co.
	COMERFORD E P MRS R	The Pacific Telephone & Telegraph Co.
1938	COMERFORD E P MRS R	Pacific Telephone
	MCNAMARA WALLACE MRS R	Pacific Telephone
1933	COMERFORD ELOISE P MRS H	R. L. Polk & Co.
1928	av Hannah R	R.L. Polk and Co of California
	h Janet H	R.L. Polk and Co of California
1925	HAIGHT MISS J C R	R. L. Polk & Co. of California
1920	HAIGHT MISS J C R	R. L. Polk & Co. of California

429 ORANGE WAY

Year	Uses	Source
1955	HUGHES IDA MAY R	The Pacific Telephone & Telegraph Co.
	KUZON NADJA	The Pacific Telephone & Telegraph Co.
1950	HUGHES IDA MAY R	The Pacific Telephone & Telegraph Co.
	GOEHRINGER OLGA R	The Pacific Telephone & Telegraph Co.
1945	SELF C W R	The Pacific Telephone & Telegraph Co.
1933	GOCHRINGER OLGA TCHR OKLD PUB SCH R	R. L. Polk & Co.
	GOEHRINGER OLGA MRS H	R. L. Polk & Co.
1928	Huebner Carl R	R.L. Polk and Co of California
	Goehrinser Olga tchr OPS R	R.L. Polk and Co of California
	Goehringer Olga E tchr R	R.L. Polk and Co of California

Year	Uses	Source
1928	Goehringer Marie F H	R.L. Polk and Co of California
1925	BACON MISS H T R	R. L. Polk & Co. of California

430 ORANGE WAY

Year	Uses	Source
1970	SILVERS DAISY B	Pacific Telephone Directory
	HINK JOHN	Pacific Telephone Directory
1955	MEYERS EARL URIAS R	The Pacific Telephone & Telegraph Co.
1950	SCHULER LORING A R	The Pacific Telephone & Telegraph Co.
	MEYERS EARL URIAS R	The Pacific Telephone & Telegraph Co.
	SCHULER BENSON B R	The Pacific Telephone & Telegraph Co.
1938	DE LA GUARDIA R A R	Pacific Telephone
1933	REPUBLIC OF PANAMA CONSULATE A A DE LA GUARDIA VICE CONSUL	R. L. Polk & Co.
	DE LA GUARDIA GUILLERMINA MRS H	R. L. Polk & Co.
	DE LA GUARDIA AGUSTIN A V-CONSUL REPUBLIC OF PANAMA R	R. L. Polk & Co.
1928	r Vera R	R.L. Polk and Co of California
	Hillman Signa maid	R.L. Polk and Co of California
	Bernhard Bernice R	R.L. Polk and Co of California
	Bernhard Christian Clair Bernhard & Erickson H	R.L. Polk and Co of California
	Orange Jack R	R.L. Polk and Co of California
1925	BERNHARD MRS CHRIS R	R. L. Polk & Co. of California
1920	BERNHARD MRS CHRIS R	R. L. Polk & Co. of California

431 ORANGE WAY

Year	Uses	Source
1955	FISHER NELDA B R	The Pacific Telephone & Telegraph Co.
1950	FISHER NELDA B R	The Pacific Telephone & Telegraph Co.
1945	FISHER NELDA B R	The Pacific Telephone & Telegraph Co.
1938	FISHER NELDA B R	Pacific Telephone
1933	FISHER NELDA B H	R. L. Polk & Co.
	EMERSON ANNIE R	R. L. Polk & Co.
1928	n Philip M dir of instr OPS H	R.L. Polk and Co of California
	wood Nelda B R	R.L. Polk and Co of California
	EMERSON Annie R	R.L. Polk and Co of California
1925	FISHER P M R	R. L. Polk & Co. of California
1920	FISHER P M R	R. L. Polk & Co. of California

FINDINGS

438 ORANGE WAY

Year	Uses	Source
1975	DELPHA S LAMPSHADES	Pacific Telephone
1970	BLANCHFIELD D D	Pacific Telephone Directory
	SAYRE ROBT W	Pacific Telephone Directory
	DELPHA S LAMPSHADES	Pacific Telephone Directory
	TOMLINSON BESSIE	Pacific Telephone Directory

440 ORANGE WAY

Year	Uses	Source
1945	MEYERS EARL URIAS R	The Pacific Telephone & Telegraph Co.

446 ORANGE WAY

Year	Uses	Source
1975	CLARK ALLISON BRETT	Pacific Telephone
1970	CLARK ALLISON BRETT	Pacific Telephone Directory
1955	STERLING ELIZABETH M MRS	The Pacific Telephone & Telegraph Co.
1950	STERLING R FOSTER R	The Pacific Telephone & Telegraph Co.
1945	FRIER ROBERT B R	The Pacific Telephone & Telegraph Co.
1938	FRIER ROBERT B R	Pacific Telephone
1933	BLACK DOROTHY BEAUTY SHOP	R. L. Polk & Co.
1928	Woodfln Jos W Josephine tchr OPS H	R.L. Polk and Co of California

447 ORANGE WAY

Year	Uses	Source
1986	Strickland D E	PACIFIC BELL WHITE PAGES
	Strickland Dan	PACIFIC BELL WHITE PAGES
1975	BERNSTEIN SAM	Pacific Telephone
	BROWN RICHARD C	Pacific Telephone
	CAVA EARL J	Pacific Telephone
	CLARKE W R RAY	Pacific Telephone
	FRIEDLAND HARRY	Pacific Telephone
	HERSEY MV PAUL	Pacific Telephone
	HILL E	Pacific Telephone
	JEGLUM J A	Pacific Telephone
	LEWIS TERRENCE	Pacific Telephone
	MC CONNELL DOUGLAS D	Pacific Telephone
1970	ANDERSON W VAN	Pacific Telephone Directory
	BERNSTEIN SAM	Pacific Telephone Directory
	BURSTEIN H	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	CAROSIO E A	Pacific Telephone Directory
	CARSEL SOPHIE R MRS	Pacific Telephone Directory
	CAVA EARL J	Pacific Telephone Directory
	CENTER JOHN S	Pacific Telephone Directory
	CLARKE W R RAY	Pacific Telephone Directory
	DIPPOLD JOHN H	Pacific Telephone Directory
	DOYLE RICHARD J	Pacific Telephone Directory
	DYER KENNETH MRS	Pacific Telephone Directory
	GHIRARDELLI W A MRS	Pacific Telephone Directory
	GROSVALD MORRIS L	Pacific Telephone Directory
	HERSEY M PAUL	Pacific Telephone Directory
	HILL E	Pacific Telephone Directory
	HILLS MARIE D	Pacific Telephone Directory
	JEGLUM J A	Pacific Telephone Directory
	JORGENSEN CARL T	Pacific Telephone Directory
	MARQUARD MILTON	Pacific Telephone Directory
	MCCARRY CECILIA	Pacific Telephone Directory
	MCKEAN PAUL	Pacific Telephone Directory
	RODGER E A	Pacific Telephone Directory
	RODGER E A AL	Pacific Telephone Directory
	SILBERMAN B	Pacific Telephone Directory
	TUTTLE CHESTER R	Pacific Telephone Directory
	TUTTLE LOIS M	Pacific Telephone Directory
1955	LARRECQ J M	The Pacific Telephone & Telegraph Co.
	MARQUARD MILTON	The Pacific Telephone & Telegraph Co.
	MARQUARD PEGGY	The Pacific Telephone & Telegraph Co.
	PERSONOLOGY	The Pacific Telephone & Telegraph Co.
1950	MURRAY JOHN R R	The Pacific Telephone & Telegraph Co.
	PRINDLE D C R	The Pacific Telephone & Telegraph Co.
1945	MARQUARD MILTON A R	The Pacific Telephone & Telegraph Co.
1938	FOLLETT E M R	Pacific Telephone
1933	BRIGGS EARL E (ELIZ S) H	R. L. Polk & Co.
1928	blvd Elvena M wid Thos S H	R.L. Polk and Co of California
1925	PHELPS T S R	R. L. Polk & Co. of California
1920	PHELPS T S R	R. L. Polk & Co. of California

448 ORANGE WAY

Year	Uses	Source
1970	COSTA DERVY	Pacific Telephone Directory

Year	Uses	Source
1955	CLARK ALLISON BRETT	The Pacific Telephone & Telegraph Co.
1950	DUNLOIIP GEO A R	The Pacific Telephone & Telegraph Co.
1945	CLARK JOHN E R	The Pacific Telephone & Telegraph Co.
	CLARK ALLISON R	The Pacific Telephone & Telegraph Co.
1938	HERRICK M S MRS R	Pacific Telephone
1933	CLARK JOHN E H	R. L. Polk & Co.
1928	Ins John E Gertrude E slsmn H	R.L. Polk and Co of California

449 ORANGE WAY

Year	Uses	Source
1955	WARNER J E	The Pacific Telephone & Telegraph Co.
	BLAGBORNE WINIFRED MRS	The Pacific Telephone & Telegraph Co.
	WARD DAROLD T	The Pacific Telephone & Telegraph Co.
1950	CLAVERIE ROSE R	The Pacific Telephone & Telegraph Co.
1945	WAYMAN MILDRED L R	The Pacific Telephone & Telegraph Co.
	WILSON DONALD JAMES R	The Pacific Telephone & Telegraph Co.
	BECHTOL CHARLES O MD R	The Pacific Telephone & Telegraph Co.
	BLAKER BETTY R	The Pacific Telephone & Telegraph Co.
	DANIEL BERYL R	The Pacific Telephone & Telegraph Co.
	MCEVOY KATHLEEN R	The Pacific Telephone & Telegraph Co.

418A ORANGE WAY

Year	Uses	Source
1970	RATTO JOE	Pacific Telephone Directory
1955	ELIAS JOEL	The Pacific Telephone & Telegraph Co.
1945	BROWN ROBERT G R	The Pacific Telephone & Telegraph Co.

425A ORANGE WAY

Year	Uses	Source
1945	SCHMIDT EMMA E R	The Pacific Telephone & Telegraph Co.
1938	SCHMIDT LEO L R	Pacific Telephone
1933	BAKER ELLIS K (ELIZ) SLSMN H	R. L. Polk & Co.

ORANSE ST

385 ORANSE ST

Year	Uses	Source
1975	EZAKI D	Pacific Telephone

FINDINGS

PEARL AVE

182 PEARL AVE

Year	Uses	Source
1975	GUY E	Pacific Telephone

PEARL ST

174 PEARL ST

Year	Uses	Source
1962	Comeau Arthur	Pacific Telephone
1955	KING GORDON L	The Pacific Telephone & Telegraph Co.
1950	BEALS IRA D R	The Pacific Telephone & Telegraph Co.

PERRY LN

154 PERRY LN

Year	Uses	Source
1950	BURNETTE M MRS R	The Pacific Telephone & Telegraph Co.

PERRY PL

150 PERRY PL

Year	Uses	Source
1950	MC FARLAND H G R	The Pacific Telephone & Telegraph Co.
1943	Harrison Edw P shipydwkr r	R. L. Polk & Co.
	Mc FARLAND Homer G Frances shipydwkr h	R. L. Polk & Co.
1938	WATKINS E L MRS R	Pacific Telephone

152 PERRY PL

Year	Uses	Source
1955	ELLSWORTH BERTHA M R	The Pacific Telephone & Telegraph Co.
1943	Blatz Anthony J Louise cook HCCCo h	R. L. Polk & Co.

154 PERRY PL

Year	Uses	Source
1945	ROTHERY V MISS R	The Pacific Telephone & Telegraph Co.
1943	Burnette Marjorie wid Harry slswn h	R. L. Polk & Co.
	Rothery Vera F r	R. L. Polk & Co.

FINDINGS

156 PERRY PL

Year	Uses	Source
1955	TURNER VIOLA R	The Pacific Telephone & Telegraph Co.
1950	CHENEY BERTHA R	The Pacific Telephone & Telegraph Co.
	TURNER VIOLA R	The Pacific Telephone & Telegraph Co.
1945	TURNER W S R	The Pacific Telephone & Telegraph Co.
1943	Turner Viola E Mrs r	R. L. Polk & Co.
	Fisher Wm J Eliz fctywkr h	R. L. Polk & Co.
	Turner Walter Margt h	R. L. Polk & Co.
1938	TURNER MARGARET R	Pacific Telephone

161 PERRY PL

Year	Uses	Source
1996	ENGDAHL KRISTER & ISHA	PACIFIC BELL DIRECTORY
1980	Watson John M	Pacific Telephone
1970	WATSON JOHN M	Pacific Telephone Directory
1967	WATSON JOHN M	R. L. Polk Co.
1950	CLIASSVET DELLA M R	The Pacific Telephone & Telegraph Co.
1945	WALL JAMES H R	The Pacific Telephone & Telegraph Co.
1943	Marks Louis M Lorraine womens clo h	R. L. Polk & Co.
1938	MEUSER W G R	Pacific Telephone

163 PERRY PL

Year	Uses	Source
2006	e SMITH Gregory	Haines Company, Inc.
1996	SMITH WM K	PACIFIC BELL DIRECTORY
1992	SMITH WM K	PACIFIC BELL DIRECTORY
1991	Smith Wm K	PACIFIC BELL WHITE PAGES
1986	Smith Wm K	PACIFIC BELL WHITE PAGES
1980	Smith Wm K	Pacific Telephone
1970	SMITH WM K	Pacific Telephone Directory
1967	SMITH WM K	R. L. Polk Co.
1962	Residence	Pacific Telephone
1955	GREENEBAUM FELIX OPTMTRST	The Pacific Telephone & Telegraph Co.
1950	GREENEBAUM FELIX OPTMTRST	The Pacific Telephone & Telegraph Co.
1945	GREENEBAUM FELIX OPTMTRST	The Pacific Telephone & Telegraph Co.
1943	Greenbaum Felix Leonard optom h	R. L. Polk & Co.

FINDINGS

183 PERRY PL

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	KING KAREN	Pacific Bell
1970	COSTA ROBT	Pacific Telephone Directory
1967	PLOTNER BRUCE R	R. L. Polk Co.
1962	Rasmussen Kay	Pacific Telephone
	Rasmussen Richard B	Pacific Telephone
1955	GILL D MRS R	The Pacific Telephone & Telegraph Co.
1945	GILL D MRS R	The Pacific Telephone & Telegraph Co.
1943	Gill Desmond N Lucy C dsmn h	R. L. Polk & Co.

185 PERRY PL

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
1991	Ayele Fithangest	PACIFIC BELL WHITE PAGES
1970	HENRIOULLE STEVAN J	Pacific Telephone Directory
1967	MORRISON BOBBY C	R. L. Polk Co.
1962	Beeks Fred M	Pacific Telephone
1955	DUNLOP GEO A	The Pacific Telephone & Telegraph Co.
1950	CLARK ALLISON BRETT R	The Pacific Telephone & Telegraph Co.
1945	NODDIN HELENE I MRS R	The Pacific Telephone & Telegraph Co.
1943	Noddin Charlotte D sten r	R. L. Polk & Co.
	Noddin Helene I Mrs h	R. L. Polk & Co.

189 PERRY PL

Year	Uses	Source
2006	WAGGENER Robert	Haines Company, Inc.
1967	JOW ALBERT P	R. L. Polk Co.
1962	Jow Gareth A	Pacific Telephone
	Jow Albert r	Pacific Telephone
1955	JOW ALBERT R	The Pacific Telephone & Telegraph Co.
1950	JOW ALBERT R	The Pacific Telephone & Telegraph Co.

195 PERRY PL

Year	Uses	Source
2013	LAGOS JOANNE DDS	Cole Information Services
2006	LAGOSJOANNE	Haines Company, Inc.
2000	LAGOS JOANNE V DDS	Pacific Bell
1996	LAGOS JOANNE V DDS	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1992	LAGOS JOANNE V DDS	PACIFIC BELL DIRECTORY
	BENT JAMES L DR	PACIFIC BELL DIRECTORY
1991	Lagos Joanne V DDS	PACIFIC BELL WHITE PAGES
	Bent James L Dr dntst	PACIFIC BELL WHITE PAGES
1986	Lagos John	PACIFIC BELL WHITE PAGES
	Lagos Joanne V DDS	PACIFIC BELL WHITE PAGES
	Bent Jas L Dr dntst	PACIFIC BELL WHITE PAGES
1980	Bent Jas L Dr dntst	Pacific Telephone
1970	SHADE LOUIS F DR	Pacific Telephone Directory
	BENT JAS L DR DNTST	Pacific Telephone Directory
1967	SHADE LOUIS F DENTIST	R. L. Polk Co.
	BENT JAMES L DENTIST	R. L. Polk Co.
1962	ofc	Pacific Telephone
	Bent Jas L Dr dntst	Pacific Telephone
1955	SHADE LOUIS F DR	The Pacific Telephone & Telegraph Co.
	DOW EDGAR L JR DENTIST	The Pacific Telephone & Telegraph Co.
1950	SHADE LOUIS F DR	The Pacific Telephone & Telegraph Co.
	DOW EDGAR L JR DENTIST	The Pacific Telephone & Telegraph Co.
1945	SHADE LOUIS F DR	The Pacific Telephone & Telegraph Co.
	DOW EDGAR L JR DENTIST	The Pacific Telephone & Telegraph Co.
1943	Shade Louis F Vivian dentist	R. L. Polk & Co.
	DOW Edgar L jr Marion F dentist	R. L. Polk & Co.

PERRY RD

123 PERRY RD

Year	Uses	Source
1938	K & L DRUG CO	Pacific Telephone

150 PERRY RD

Year	Uses	Source
1933	MURRAY M GLEN (BARBARA) SLSMN H	R. L. Polk & Co.

152 PERRY RD

Year	Uses	Source
1933	CHRISTENSEN BJORN (FRANCES) SIGN PNTR H	R. L. Polk & Co.

FINDINGS

154 PERRY RD

Year	Uses	Source
1933	BURNETTE MARJORIE MRS H	R. L. Polk & Co.
1920	PUTZAR MRS EDWARD L R	R. L. Polk & Co. of California

156 PERRY RD

Year	Uses	Source
1933	PUTZAR EDW L FORMN SPCO H	R. L. Polk & Co.

160 PERRY RD

Year	Uses	Source
1933	POWELL DIXIE CLK H	R. L. Polk & Co.
	SCOTT MARY K CLK R	R. L. Polk & Co.
	HALLIDAY VERA A MRS CLK EAST BAY MUN UTIL DIST R	R. L. Polk & Co.
	HALLIDAY ELWOOD C (VERA) APPRAISER H	R. L. Polk & Co.
	HAHN MICHL K (EMMA) CLO CLNR	R. L. Polk & Co.
	ASTRA ROLLIN H R	R. L. Polk & Co.
	FREITAS LLOYD C CLK R	R. L. Polk & Co.
1920	JEFFERY R E JR R	R. L. Polk & Co. of California

170 PERRY RD

Year	Uses	Source
1933	WEDGEWOOD DEAN R (BERTHA) H	R. L. Polk & Co.
	WEDGEWOOD BERTHA E MRS BKPR WM MILLS R	R. L. Polk & Co.
1920	NEVIUS SEARLE B R	R. L. Polk & Co. of California
	MORRIS MRS EDWARD C	R. L. Polk & Co. of California

172 PERRY RD

Year	Uses	Source
1933	DODSON JACK M (HELENA E) H	R. L. Polk & Co.
1920	RUTLEDGE FREDERICK S R	R. L. Polk & Co. of California

174 PERRY RD

Year	Uses	Source
1933	KENT FRANCIS (LURA) DENTIST	R. L. Polk & Co.
1920	ROBISCHUNG F A R	R. L. Polk & Co. of California

FINDINGS

178 PERRY RD

Year	Uses	Source
1933	ENTRIKEN FRANK H (JOSIE) REAL EST	R. L. Polk & Co.
	ENTRIKEN GEO R	R. L. Polk & Co.
1920	ENTRIKEN F H R	R. L. Polk & Co. of California

180 PERRY RD

Year	Uses	Source
1938	WEDGWOOD BERTHA E R	Pacific Telephone
1933	DRAKE ELMER N R	R. L. Polk & Co.
	MCEWEN DONALD P SLSMN R	R. L. Polk & Co.
	ROGERS GRACE NURSE R	R. L. Polk & Co.
	ROWLAND WM R (JOSEPHINE) GAS STA ATDT H	R. L. Polk & Co.
	STORY JESSE H (LUVA) H	R. L. Polk & Co.
1920	BRUNER W W R	R. L. Polk & Co. of California

182 PERRY RD

Year	Uses	Source
1933	ECK BENJ P (EVELYN) LAB H	R. L. Polk & Co.
	ECK EVELYN STEN R	R. L. Polk & Co.
1920	RECTOR H B R	R. L. Polk & Co. of California

183 PERRY RD

Year	Uses	Source
1938	GILL D MRS R	Pacific Telephone
1933	DAHL WALTER I (MARIE) BROKER AETNA CASUALTY & SURETY CO H	R. L. Polk & Co.

184 PERRY RD

Year	Uses	Source
1938	ENTRIKEN F H R	Pacific Telephone
1933	HURSH MELBA STEN R	R. L. Polk & Co.
	HURSH PHILIP L (DORA) H	R. L. Polk & Co.
	ZILKEY EDNA (WID GUY) R	R. L. Polk & Co.
1920	WIGHT A R R	R. L. Polk & Co. of California

185 PERRY RD

Year	Uses	Source
1938	NODDIN HELENE I MRS R	Pacific Telephone
1933	FAIRFIELD JOHN E (MARION) H	R. L. Polk & Co.

FINDINGS

204 PERRY RD

Year	Uses	Source
1938	MAXFIELD H U R	Pacific Telephone
1933	MAXFIELD HARRY U (LULU) H	R. L. Polk & Co.
1920	MAXFIELD H U R	R. L. Polk & Co. of California

205 PERRY RD

Year	Uses	Source
1938	BURDICK C M MRS R	Pacific Telephone
	WHITE C E R	Pacific Telephone
1933	WHITE CLAUD E (ALICE E) H	R. L. Polk & Co.
	BURDICK CARRIE M MRS H	R. L. Polk & Co.
1920	MORRIS H C R	R. L. Polk & Co. of California
	BURDICK C M R	R. L. Polk & Co. of California

228 PERRY RD

Year	Uses	Source
1938	HOFFMANN GEORGE J R	Pacific Telephone
1933	HOFFMANN GEO J H	R. L. Polk & Co.
	HOFFMANN ROSS B MINING ENG R	R. L. Polk & Co.
1920	HOFFMANN CHAS F R	R. L. Polk & Co. of California

234 PERRY RD

Year	Uses	Source
1938	BROWNE ROSS E MRS R	Pacific Telephone
1933	BROWNE ROSS E (EVA L) H	R. L. Polk & Co.
	BROWNE EVELYN R R	R. L. Polk & Co.
1920	BROWNE ROSS E R	R. L. Polk & Co. of California

237 PERRY RD

Year	Uses	Source
1938	HAHN JAMES D R	Pacific Telephone
1933	RUTLEDGE FRED S (MARGUERITE) H	R. L. Polk & Co.
	HUSK CHARLOTTE E (WID J E) R	R. L. Polk & Co.
	HARSH EMMA MISS CLK R	R. L. Polk & Co.
	RUTLEDGE MARGT R	R. L. Polk & Co.
1920	SAMUELS F S R	R. L. Polk & Co. of California
	CROWELL CLARENCE R	R. L. Polk & Co. of California

FINDINGS

PERRY ST

150 PERRY ST

Year	Uses	Source
1928	Covey Marie R Mrs H	R.L. Polk and Co of California
	0781 Dora wid Middleton R	R.L. Polk and Co of California
1925	WEBSTER ED H R	R. L. Polk & Co. of California

152 PERRY ST

Year	Uses	Source
1928	Towne Jeremiah J Nellie G slsmn Mrs Zoe Ahson H	R.L. Polk and Co of California
1925	LEWIS MRS BLANCHE R	R. L. Polk & Co. of California

154 PERRY ST

Year	Uses	Source
1955	BURNETTE M MRS R	The Pacific Telephone & Telegraph Co.
1928	Co Leroy Maude H	R.L. Polk and Co of California
1925	MCCARTHY FRANK J R	R. L. Polk & Co. of California

156 PERRY ST

Year	Uses	Source
1925	PUTZAR MRS EDWARD L R	R. L. Polk & Co. of California

160 PERRY ST

Year	Uses	Source
1928	Norred Farns W Pearl auto wkr H	R.L. Polk and Co of California
	Hillard Frank C Blanche Hillard & Croft H	R.L. Polk and Co of California
	H &rld B Mary UHmllrd & Croft II H	R.L. Polk and Co of California
1925	GREENMAN A G R	R. L. Polk & Co. of California
	DROST MRS WINIFRED R	R. L. Polk & Co. of California

170 PERRY ST

Year	Uses	Source
1928	H Lyda wid Frank R	R.L. Polk and Co of California
	C Herbt Grace Chase & Teddy H	R.L. Polk and Co of California
1925	CHASE C HERBERT R	R. L. Polk & Co. of California

172 PERRY ST

Year	Uses	Source
1928	Loma John M IHelen H	R.L. Polk and Co of California
1925	DODSON JACK M R	R. L. Polk & Co. of California

FINDINGS

174 PERRY ST

Year	Uses	Source
1928	son Robt patrlnan R	R.L. Polk and Co of California
	r Dan I F Caroline H carp H	R.L. Polk and Co of California
1925	DUFFY D F R	R. L. Polk & Co. of California

178 PERRY ST

Year	Uses	Source
1928	Nat Harlan S olk Cal State Auto Assn R	R.L. Polk and Co of California
	Entriken Frank H Clara J real est	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
1925	ENTRIKEN F H R	R. L. Polk & Co. of California

180 PERRY ST

Year	Uses	Source
1928	Dorothy Duncan metl plshr R	R.L. Polk and Co of California
	STORY Jesse H Lulu L H	R.L. Polk and Co of California
1925	WHITE R W R	R. L. Polk & Co. of California

182 PERRY ST

Year	Uses	Source
1928	Eck Evelyn Y music tch R	R.L. Polk and Co of California
1925	ECK MRS B P R	R. L. Polk & Co. of California

183 PERRY ST

Year	Uses	Source
1928	13edau Hugo A Laura A H	R.L. Polk and Co of California
1925	CLARK J E R	R. L. Polk & Co. of California

184 PERRY ST

Year	Uses	Source
1928	Branagh John E Lottie bldg cont R	R.L. Polk and Co of California
1925	BRANAGH JOHN E R	R. L. Polk & Co. of California

204 PERRY ST

Year	Uses	Source
1925	MAXFIELD H U R	R. L. Polk & Co. of California

205 PERRY ST

Year	Uses	Source
1928	n Henry C Morris & Muller H	R.L. Polk and Co of California
	Burdick Alice E R	R.L. Polk and Co of California

Year	Uses	Source
1928	Burdick Caroline M Mrs R	R.L. Polk and Co of California
	Lake Geo C slsmn R	R.L. Polk and Co of California
1925	BURDICK MRS C M R	R. L. Polk & Co. of California
	MORRIS H C R	R. L. Polk & Co. of California

225 PERRY ST

Year	Uses	Source
1928	14th Albt C Luollal broker H	R.L. Polk and Co of California

228 PERRY ST

Year	Uses	Source
1928	Hoffmann Geo J mining eng H	R.L. Polk and Co of California
	ham Ross B mining eng R	R.L. Polk and Co of California
1925	HOFFMANN MRS CHAS F R	R. L. Polk & Co. of California

234 PERRY ST

Year	Uses	Source
1928	Ross ji Eva L mining eng H	R.L. Polk and Co of California
	Grove Evelyn R R	R.L. Polk and Co of California
1925	BROWNE ROSS E R	R. L. Polk & Co. of California

237 PERRY ST

Year	Uses	Source
1925	CROWELL CLARENCE R	R. L. Polk & Co. of California
	SAMUELS F S R	R. L. Polk & Co. of California

S MOSS AVE

11 S MOSS AVE

Year	Uses	Source
1986	Shearer Shirley	PACIFIC BELL WHITE PAGES
	Shearer R	PACIFIC BELL WHITE PAGES
	Shearer Richard B	PACIFIC BELL WHITE PAGES

SANTA CLARA AVE

100 SANTA CLARA AVE

Year	Uses	Source
1970	PENFIELD CATHERINE ALAMEDA	Pacific Telephone Directory
1955	PENFIELD CATHERINE ALAMEDA	The Pacific Telephone & Telegraph Co.

FINDINGS

101 SANTA CLARA AVE

Year	Uses	Source
1991	Pollack Michael	PACIFIC BELL WHITE PAGES
	Pollack Michael	PACIFIC BELL WHITE PAGES
	I Pollack M	PACIFIC BELL WHITE PAGES
	L Pollack N	PACIFIC BELL WHITE PAGES
	i Pollack Louis R	PACIFIC BELL WHITE PAGES
1933	FEDERAL GOVERNMENT	R. L. Polk & Co.
	K & L DRUG CO (G M LEVY SANFORD KORNFIELD)	R. L. Polk & Co.
1928	~101	R.L. Polk and Co of California
	POST OFFICE Oakland	R.L. Polk and Co of California
	Kornfield & Levy Bsanford Horneld G M Levy drugs	R.L. Polk and Co of California
	No15	R.L. Polk and Co of California

104 SANTA CLARA AVE

Year	Uses	Source
1950	CROWNOVER HOWARD B R	The Pacific Telephone & Telegraph Co.

105 SANTA CLARA AVE

Year	Uses	Source
1933	WOODHULL MAMIE E MRS CIRCULATING LIBRARY	R. L. Polk & Co.

107 SANTA CLARA AVE

Year	Uses	Source
1928	Round Geo Eda meats	R.L. Polk and Co of California

108 SANTA CLARA AVE

Year	Uses	Source
1950	COLLINS TRUCKING	The Pacific Telephone & Telegraph Co.

109 SANTA CLARA AVE

Year	Uses	Source
1955	DERRER ERNEST R	The Pacific Telephone & Telegraph Co.
1950	DE ROUEN THOS R	The Pacific Telephone & Telegraph Co.
1945	DERRER ERNEST R	The Pacific Telephone & Telegraph Co.

110 SANTA CLARA AVE

Year	Uses	Source
1970	WITHROW W T ALAMEDA	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1955	SAVAGE L W ALAMEDA	The Pacific Telephone & Telegraph Co.

111 SANTA CLARA AVE

Year	Uses	Source
1970	VAN DYKE C ALAMEDA	Pacific Telephone Directory
1955	VAN DYKE C R ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	CRAWFORD CARL R	The Pacific Telephone & Telegraph Co.
	VAN DYKE C R	The Pacific Telephone & Telegraph Co.
1945	VAN DYKE C R ALAMEDA	The Pacific Telephone & Telegraph Co.

112 SANTA CLARA AVE

Year	Uses	Source
1970	VRANEK FRANK J ALAMEDA	Pacific Telephone Directory
1955	VRANEK F J ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	KNAPP RICHARD G R	The Pacific Telephone & Telegraph Co.
1945	FESSENDEN FLOYD M R	The Pacific Telephone & Telegraph Co.
1938	FESSENDEN FLOYD M	Pacific Telephone

113 SANTA CLARA AVE

Year	Uses	Source
1991	Sparrow Frazier	PACIFIC BELL WHITE PAGES
1970	VORELLAS ANTHONY ALAMEDA	Pacific Telephone Directory
1955	VORELLAS ANTHONY R ALAMEDA	The Pacific Telephone & Telegraph Co.

114 SANTA CLARA AVE

Year	Uses	Source
1945	WALSH O S R ALAMEDA	The Pacific Telephone & Telegraph Co.

115 SANTA CLARA AVE

Year	Uses	Source
1955	TIBBITTS L H	The Pacific Telephone & Telegraph Co.
1950	VAINISI JOS R	The Pacific Telephone & Telegraph Co.
1933	STAVROPOULOS PETER G (HELEN) GRO	R. L. Polk & Co.
1928	Maple Wm C Mary B barbe R	R.L. Polk and Co of California

117 SANTA CLARA AVE

Year	Uses	Source
1970	LORIGO JOHN ALAMEDA	Pacific Telephone Directory
1955	VAINISI JOS	The Pacific Telephone & Telegraph Co.
	BRAYBROOK WM M CDR ALAMEDA	The Pacific Telephone & Telegraph Co.

FINDINGS

118 SANTA CLARA AVE

Year	Uses	Source
1955	SMITH MERLIN F ALAMEDA	The Pacific Telephone & Telegraph Co.

119 SANTA CLARA AVE

Year	Uses	Source
1975	MORESI CHAS A	Pacific Telephone
1970	MORESI CHAS A ALAMEDA	Pacific Telephone Directory
1945	KEELER G A R	The Pacific Telephone & Telegraph Co.
1933	WEBSTER ANDW S (ADELAIDE) PLMBR	R. L. Polk & Co.
1928	Edgewood Chas W Ida bake R	R.L. Polk and Co of California

121 SANTA CLARA AVE

Year	Uses	Source
1950	SMITH F L R	The Pacific Telephone & Telegraph Co.
1945	KIEFER LEO R	The Pacific Telephone & Telegraph Co.
1928	Filbert Jas K pimb R	R.L. Polk and Co of California

122 SANTA CLARA AVE

Year	Uses	Source
1970	MCDONALD J R ALAMEDA	Pacific Telephone Directory
1955	MCDONALD J R R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	MCDONALD J R R ALAMEDA	The Pacific Telephone & Telegraph Co.

123 SANTA CLARA AVE

Year	Uses	Source
1970	LONG JAS N ALAMEDA	Pacific Telephone Directory
1955	HELLIS ROBT W ALAMEDA	The Pacific Telephone & Telegraph Co.

124 SANTA CLARA AVE

Year	Uses	Source
1970	STEEN DAN ALAMEDA	Pacific Telephone Directory
1955	FRANTZ FRED A ALAMEDA	The Pacific Telephone & Telegraph Co.

127 SANTA CLARA AVE

Year	Uses	Source
1970	REDDEN T C ALAMEDA	Pacific Telephone Directory
1955	REDDEN T C R ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	REDDEN T C R	The Pacific Telephone & Telegraph Co.

FINDINGS

128 SANTA CLARA AVE

Year	Uses	Source
1970	BROWN WM E ALAMEDA	Pacific Telephone Directory
	BROWN MAUREE D ALAMEDA	Pacific Telephone Directory
1955	BALDRIDGE WM D LCDR ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	SCHLUETER KENNETH R	The Pacific Telephone & Telegraph Co.

131 SANTA CLARA AVE

Year	Uses	Source
1975	BROWN JON	Pacific Telephone
1970	THOMAS WM D ALAMEDA	Pacific Telephone Directory
1955	WORKMAN JACK T R ALAMEDA	The Pacific Telephone & Telegraph Co.

133 SANTA CLARA AVE

Year	Uses	Source
1970	LOWE KENNETH S ALAMEDA	Pacific Telephone Directory
1955	DAWSON WM F CDR ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	FINCH F F R ALAMEDA	The Pacific Telephone & Telegraph Co.

134 SANTA CLARA AVE

Year	Uses	Source
1970	GODWIN RONALD ALAMEDA	Pacific Telephone Directory
1955	LEACH WALTER H ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	TRIBOU R C R	The Pacific Telephone & Telegraph Co.

135 SANTA CLARA AVE

Year	Uses	Source
1970	BROWN ROY E ALAMEDA	Pacific Telephone Directory
	BROWN NATALIE M ALAMEDA	Pacific Telephone Directory
1955	SOMA MILTON ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	SOMA MILTON R	The Pacific Telephone & Telegraph Co.

136 SANTA CLARA AVE

Year	Uses	Source
1970	STECCONE JOHN P ALAMEDA	Pacific Telephone Directory
1955	STECCONE JOHN MRS ALAMEDA	The Pacific Telephone & Telegraph Co.

138 SANTA CLARA AVE

Year	Uses	Source
1955	ARCHBOLD CLIFTON R ALAMEDA	The Pacific Telephone & Telegraph Co.

FINDINGS

139 SANTA CLARA AVE

Year	Uses	Source
1970	DANIELS JACK K ALAMEDA	Pacific Telephone Directory
	DANIELS PAT G ALAMEDA	Pacific Telephone Directory
1955	LEWIS SIDNEY W R ALAMEDA	The Pacific Telephone & Telegraph Co.

140 SANTA CLARA AVE

Year	Uses	Source
1955	JOHNSON ROBERT S INTERIORS	The Pacific Telephone & Telegraph Co.
1950	JOLHNSON ROBT S INTRS	The Pacific Telephone & Telegraph Co.
1933	AUTEN BERT O (NELLIE) SHOE REPR	R. L. Polk & Co.

142 SANTA CLARA AVE

Year	Uses	Source
1970	BRIGHT VICTOR C ALAMEDA	Pacific Telephone Directory
1955	KELLY LAWRENCE J INTR DECRTRS	The Pacific Telephone & Telegraph Co.
	HINSINGER H W ALAMEDA	The Pacific Telephone & Telegraph Co.
1933	GRIFFIN CHAS (MINNIE) CBTMKR	R. L. Polk & Co.
1928	1 Malcolm	R.L. Polk and Co of California

143 SANTA CLARA AVE

Year	Uses	Source
1970	MORETTO FRANK L ALAMEDA	Pacific Telephone Directory
1955	CHERRY ARNOLD A R ALAMEDA	The Pacific Telephone & Telegraph Co.

146 SANTA CLARA AVE

Year	Uses	Source
1970	HOWELL PAUL ALAMEDA	Pacific Telephone Directory
1955	FUNKHOUSER JOHN G ALAMEDA	The Pacific Telephone & Telegraph Co.

148 SANTA CLARA AVE

Year	Uses	Source
1970	JOHNSEN DON ALAMEDA	Pacific Telephone Directory
1955	JOHNSEN DON R ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	JOHNSEN DON R	The Pacific Telephone & Telegraph Co.

150 SANTA CLARA AVE

Year	Uses	Source
2013	LADYFINGERS BAKERY	Cole Information Services
2008	LADYFINGERS BAKERY	Cole Information Services
2006	BAKERY	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	LADYFINGERS	Haines Company, Inc.
2000	LADYFINGERS BAKERY	Pacific Bell
1996	LADYFINGERS BAKERY	PACIFIC BELL DIRECTORY
1992	LADYFINGERS BAKERY	PACIFIC BELL DIRECTORY
1991	LADYFIN GE RS BAKE RY	PACIFIC BELL WHITE PAGES
1986	LADYFIN GE RS BAKE RY	PACIFIC BELL WHITE PAGES
1980	Ladyfingers Bakery	Pacific Telephone
1970	BERKELEY PAINTING & HOME IMPROVEMENT	Pacific Telephone Directory
	CLASSIC KITCHENS & BATHS	Pacific Telephone Directory
	EBNER LOUIS J CLASSIC KITCHENS & BATHS	Pacific Telephone Directory
	JACKSON AL CONCRT CONTR	Pacific Telephone Directory
	NELSON ENTERPRISES	Pacific Telephone Directory
1962	White Food Store	Pacific Telephone
1955	PEOPLE S QUALITY CLEANERS	The Pacific Telephone & Telegraph Co.
1950	PEOPLE S QUALITY CLEANERS	The Pacific Telephone & Telegraph Co.
1945	BLACK CORNELIA	The Pacific Telephone & Telegraph Co.

152 SANTA CLARA AVE

Year	Uses	Source
1991	Mann Grace Grace Mann Ballet Center	PACIFIC BELL WHITE PAGES
1986	Oakland	PACIFIC BELL WHITE PAGES
1980	Alcon Insurance Services	Pacific Telephone
	Oakland	Pacific Telephone
	Lemons E ins	Pacific Telephone
1975	AVENUE BEAUTY SALON	Pacific Telephone
1970	AVENUE BEAUTY SALON	Pacific Telephone Directory
	SANTARE CAL ALAMEDA	Pacific Telephone Directory
1967	AVENUE BEAUTY SALON	R. L. Polk Co.
1962	Avenue Beauty Salon	Pacific Telephone
1955	LEONHARDT ARTHUR H ALAMEDA	The Pacific Telephone & Telegraph Co.
1933	WALTER BERT M (LUCILE) CLK R	R. L. Polk & Co.
	WALTER FRED F (LEAH) NOTARY PUBLIC H	R. L. Polk & Co.

154 SANTA CLARA AVE

Year	Uses	Source
2013	REMINGTON MARREM LMFT	Cole Information Services
	PERNET KAREN E LCSW	Cole Information Services

FINDINGS

Year	Uses	Source
2013	BOX BEAUTY THE	Cole Information Services
	TRENELL LESHELLE HAIR & MAKEUP STUDI	Cole Information Services
2008	GIRMA HAILE & CO & CPAS & MGMT CO	Cole Information Services
	NOE & CO	Cole Information Services
	KAREN E PERNET LCSW	Cole Information Services
	DIAPASON HAIR BRAIDING WEAVES	Cole Information Services
2000	GIRMA HAILE	Pacific Bell
	HAILE SEIFU	Pacific Bell
	MOSHER FINANCIAL AND INSURANCE SERVICES	Pacific Bell
	HAILE SEIFU	Pacific Bell
	GIRMA HAILE	Pacific Bell
	HAILE SEIFU	Pacific Bell
1996	HAILE SEIFU	PACIFIC BELL DIRECTORY
	MOSHER ROTHMAN LADYZHENSKY	PACIFIC BELL DIRECTORY
	FREEDMAN LUCILLE EA	PACIFIC BELL DIRECTORY
	FUNG TIMOTHY M	PACIFIC BELL DIRECTORY
	HAILE SEIFU	PACIFIC BELL DIRECTORY
1975	PARENTAL STRESS SERVICE	Pacific Telephone
	CHILD ABUSE PREVENTION	Pacific Telephone
1970	MONA M	Pacific Telephone Directory
	PRICE J C	Pacific Telephone Directory
1967	PRICE JAKE C S	R. L. Polk Co.
1962	Price Jake C	Pacific Telephone
1955	KUERZEL KATHRYN MRS	The Pacific Telephone & Telegraph Co.
1933	KUERZEL OTTO (KATH) H	R. L. Polk & Co.

156 SANTA CLARA AVE

Year	Uses	Source
1996	FUTURE BUILDING & DESIGN	PACIFIC BELL DIRECTORY
1992	PRO SUPPLY NUTRITION & HEALTH	PACIFIC BELL DIRECTORY
1943	Pedersen Peter Annie h	R. L. Polk & Co.
1938	CATANI ANGELO R	Pacific Telephone
1933	REIS JOHN B SLSMN R	R. L. Polk & Co.
	BROOKS LUCY R	R. L. Polk & Co.
	REIS BELLE B (WID J O) H	R. L. Polk & Co.
1928	& John B slsmn R	R.L. Polk and Co of California
	h Belle B wid J 0 H	R.L. Polk and Co of California

FINDINGS

157 SANTA CLARA AVE

Year	Uses	Source
1933	HESSE BERTHA R	R. L. Polk & Co.
	HESSE ESTELLE H	R. L. Polk & Co.
	HESSE FLORENCE R	R. L. Polk & Co.

158 SANTA CLARA AVE

Year	Uses	Source
2013	SAVITZ SALLY LAC	Cole Information Services
	GRAND SECURITY	Cole Information Services
2008	SAVITZ SALLY LAC	Cole Information Services
	OAKLAND COMMUNITY ACUPUNCTURE	Cole Information Services
	GRAND SECURITY	Cole Information Services
2006	SAVITZ SALLY LAC	Haines Company, Inc.
2000	EAST BAY REGIONAL SPINE CENTER	Pacific Bell
	GRAND SECURITY PATROL	Pacific Bell
1996	GRAND ENTERPRISES	PACIFIC BELL DIRECTORY
1992	HAMMILL SYDNEY E	PACIFIC BELL DIRECTORY
1991	Hammill Sydney E CPA	PACIFIC BELL WHITE PAGES
	Hammilton Dorothy	PACIFIC BELL WHITE PAGES
1986	Hammill Sydney E CPA	PACIFIC BELL WHITE PAGES
	Hammilton Dorothy	PACIFIC BELL WHITE PAGES
1980	Betts Edward S CPA	Pacific Telephone
	Hammill Sydney E CPA	Pacific Telephone
1975	BETTS EDWARD S CPA	Pacific Telephone
	HAMMILL SYDNEY E CPA	Pacific Telephone
1970	BETTS EDWARD S CPA	Pacific Telephone Directory
	DATRONIC SYSTEMS CO DIV OF U S INDUSTRIES INC	Pacific Telephone Directory
	HAMMILL SYDNEY E CPA	Pacific Telephone Directory
1967	LOUVAU SYSTEMS INC DATA PROCESSING	R. L. Polk Co.
1955	FISCHER ROD C INS	The Pacific Telephone & Telegraph Co.
	HITCHINGS RAYMOND W ROD C FISCHER INS	The Pacific Telephone & Telegraph Co.
1950	PAC COMPANY ENGINEERS & BUILDERS THE	The Pacific Telephone & Telegraph Co.
	RICHARDS & RUSSELL REGISTERED ENGNRS	The Pacific Telephone & Telegraph Co.

FINDINGS

159 SANTA CLARA AVE

Year	Uses	Source
1955	WHITE FOOD MEAT DEPT	The Pacific Telephone & Telegraph Co.
	WHITE FOOD STORE	The Pacific Telephone & Telegraph Co.
1950	WHITE FOOD STORE	The Pacific Telephone & Telegraph Co.
1945	WHITE FOOD STORES	The Pacific Telephone & Telegraph Co.
1933	CASEY DOROTHY R	R. L. Polk & Co.
	CASEY FRANK C (ANNETTE C) ELECTN H	R. L. Polk & Co.
	RETTIG IDA (WID ARTH) R	R. L. Polk & Co.
1928	hi Frank C Annette C stage mgr Orpheum Theatre H	R.L. Polk and Co of California

160 SANTA CLARA AVE

Year	Uses	Source
2013	AKHIDENOR CHRISTOPHER CPA	Cole Information Services
2008	RMO DELIVERY LLC	Cole Information Services
	ADOPT INTERNATIONAL	Cole Information Services
	GOLDEN GATE MUTUAL LLC	Cole Information Services
	THIRTY & SOME LLC	Cole Information Services
	AKHIDENOR CHRISTOPHER CPA	Cole Information Services
2006	ADOPT	Haines Company, Inc.
	INTERNATIONAL	Haines Company, Inc.
	AKHIDENOR	Haines Company, Inc.
	CHRISTOPHER CPA	Haines Company, Inc.
	KHIDENOR	Haines Company, Inc.
	CHRISTOPHERA	Haines Company, Inc.
	ASSOC	Haines Company, Inc.
2000	1 HDR INSURANCE SERVICES	Pacific Bell
	2 ADOPT INTERNATIONAL	Pacific Bell
	8 BERGMAN ALAN R APPELLATE LAW OFFICES OF	Pacific Bell
1992	2 SOMERS BRUCE	PACIFIC BELL DIRECTORY
	2 ALEXANDER DENSFIELD	PACIFIC BELL DIRECTORY
	3 MERRITT CHIROPRACTIC CENTER	PACIFIC BELL DIRECTORY
	7 SILVERMAN ROBERT ATTORNEY AT LAW	PACIFIC BELL DIRECTORY
1991	Alexander Densfield atty	PACIFIC BELL WHITE PAGES
	Fite Stacy L DC Merritt Chiropractic Center	PACIFIC BELL WHITE PAGES
	Merritt Chiropractic Center	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	ME RRITT COLLE GE	PACIFIC BELL WHITE PAGES
	Somers Bruce MS	PACIFIC BELL WHITE PAGES
1986	Lemons E ins	PACIFIC BELL WHITE PAGES
	Sorensen Associates	PACIFIC BELL WHITE PAGES
1980	Ark Hair Design The	Pacific Telephone
	Crown Collection Agcy	Pacific Telephone
	Duncan Richard	Pacific Telephone
	Rainer Realty	Pacific Telephone
1975	CROWN COLLECTION AGCY	Pacific Telephone
	EAST BAY ENGINEERING CO	Pacific Telephone
	EAST & WEST SHORTHAND REPORTERS	Pacific Telephone
	EDDINS ARTHUR H JR EAST BAY ENGINEERING CO	Pacific Telephone
	INDUSTRIAL PLASTIC FABRICATORS INC	Pacific Telephone
	LEE YOUNG G ARCHT	Pacific Telephone
1970	BRIDGEPORT BRASS CO	Pacific Telephone Directory
	CRAFFT JEAN RL EST	Pacific Telephone Directory
	EAST BAY ENGINEERING CO	Pacific Telephone Directory
	INDUSTRIAL PLASTIC FABRICATORS INC	Pacific Telephone Directory
	LEE YOUNG G ARCHT	Pacific Telephone Directory
	VICKERY COMPANY THE	Pacific Telephone Directory
	WILLIAMS DONALD L CONSLTNG ENGNR	Pacific Telephone Directory
1967	EAST BAY ENGINEERING CIVIL ENG	R. L. Polk Co.
	LEE YOUNG G ARCHT	R. L. Polk Co.
1962	Eddins Arthur H Jr Electro Cheml Engnrng & Mfg Co	Pacific Telephone
	Electro Chemical Engineering & Mfg Co	Pacific Telephone
	Raeburn Albert & Associates	Pacific Telephone
	WASHINGTON INVENTORY SERVICE INC	Pacific Telephone
	Williams Donald L consltng engnr	Pacific Telephone
1950	FRYCKHOLM MABLE C R	The Pacific Telephone & Telegraph Co.
1945	MALMGREN HENRY E R	The Pacific Telephone & Telegraph Co.
1933	BERGQUEST JOHN H	R. L. Polk & Co.
	BERGQUEST LILLIAN MUSIC TCHR	R. L. Polk & Co.
1928	Bergquest John R	R.L. Polk and Co of California
	Bergquest LUi Ue F musician R	R.L. Polk and Co of California

FINDINGS

Year	Uses	Source
1928	Bergquest Vender R	R.L. Polk and Co of California

161 SANTA CLARA AVE

Year	Uses	Source
1933	CARTER GLADYS CLK R ALAMEDA	R. L. Polk & Co.
	OGILVIE DELWIN M (GLADYS) SLSMN COLVIN-TEMPLETON INC H	R. L. Polk & Co.
1928	4804 Juanita wid Earl H	R.L. Polk and Co of California

164 SANTA CLARA AVE

Year	Uses	Source
2006	TROPICALTRAVEL	Haines Company, Inc.
	NETWORK MARIZA	Haines Company, Inc.
	STIR FRY SEMINARS	Haines Company, Inc.
	& CONSULTING	Haines Company, Inc.
	HAILESelfu	Haines Company, Inc.
	GIRMA Halle	Haines Company, Inc.
	DIOUF Abdallah	Haines Company, Inc.
1970	HOLLANDER C JAY ATTY	Pacific Telephone Directory
	MAYER LEON E BAYSIDE ENTERPRISES INC	Pacific Telephone Directory
	BAYSIDE ENTERPRISES INC	Pacific Telephone Directory
	FREMONT PLAZA CO BAYSIDE ENTERPRISES INC	Pacific Telephone Directory
1967	HAMILTON CO THE REPOSSESSION	R. L. Polk Co.
1962	Pac Coast Paper Mills of Washington Inc	Pacific Telephone
1955	WASHINGTON ROBT E	The Pacific Telephone & Telegraph Co.
1950	REYES ANTONIO R	The Pacific Telephone & Telegraph Co.
1945	REYES EVELYN R	The Pacific Telephone & Telegraph Co.
1933	FARRELL EDW F (NELLIE C) DEP COUNTY RECORDER H	R. L. Polk & Co.
1928	Alblna Edw F Nellie C clk H	R.L. Polk and Co of California

165 SANTA CLARA AVE

Year	Uses	Source
1950	FLEMMING I A R	The Pacific Telephone & Telegraph Co.
1933	OAKLAND CITY GOVERNMENT	R. L. Polk & Co.
1928	FIRE DEPARTMENT Oakland Headquarters City Hall Wm G Lutkey Chief	R.L. Polk and Co of California
	Engine Co No 10	R.L. Polk and Co of California
	er Mane dom	R.L. Polk and Co of California

FINDINGS

166 SANTA CLARA AVE

Year	Uses	Source
2013	FAST GARAGE REPAIR OAKLAND	Cole Information Services
	OSHIKA EDWIN R	Cole Information Services
	SCANLON JOSEPH	Cole Information Services
	MEDIATION OFFICES OF CALIFORNIA PC	Cole Information Services
	BROAD MICHAEL	Cole Information Services
	LAW OFFICE OF ARCOLINA PANTO	Cole Information Services
	ROLANDO A CARLO LAW OFFICES OF	Cole Information Services
2008	INSIDE OUT DESIGN INC	Cole Information Services
	BROAD MICHAEL LAW OFFICE	Cole Information Services
	WARREN PROPERTIES	Cole Information Services
	AMERICA ESL INC	Cole Information Services
2006	ADRZROONI	Haines Company, Inc.
	EDWARD	Haines Company, Inc.
	BROAD MICHAEL	Haines Company, Inc.
	ATr Y	Haines Company, Inc.
	BROAD MICHAEL	Haines Company, Inc.
	CLASS ACTION	Haines Company, Inc.
	WATCH	Haines Company, Inc.
	OREXLER&	Haines Company, Inc.
	TOELKES LAW	Haines Company, Inc.
	OFFICE	Haines Company, Inc.
	JUNG LAW FIRM	Haines Company, Inc.
	OSHIKA EDWN R	Haines Company, Inc.
	OSHIKA EDWIN R	Haines Company, Inc.
	SCANLON JOSEPH	Haines Company, Inc.
	ATr Y	Haines Company, Inc.
2000	PRESHER DANIEL A	Pacific Bell
	FORD KEVIN LAW OFFICE	Pacific Bell
	ROSEN WALTER	Pacific Bell
	CURRAN DONALD LAW OFFICES OF	Pacific Bell
	DREXLER & TOELKES LAW OFFICES	Pacific Bell
	FORD KEVIN	Pacific Bell
	HIRSCH & BEN SHMUEL ATTYS AT LAW	Pacific Bell
	JUNG H JOSEPH LAW OFFICES	Pacific Bell
	MASTAGNI HOLSTEDT CHIURAZZI LAW OFFICES	Pacific Bell

FINDINGS

Year	Uses	Source
2000	MEJIA LAW FIRM THE	Pacific Bell
	OSHIKA EDWIN R	Pacific Bell
	PRESHER DANIEL LAW OFFICES OF	Pacific Bell
	SCANLON JOSEPH	Pacific Bell
	TOELKES PHILIP J ATTORNEY AT LAW	Pacific Bell
	2 CURRAN DONALD W LAW OFFICES OF	Pacific Bell
1996	SHERRER GARY L	PACIFIC BELL DIRECTORY
	PRESHER DANIEL A	PACIFIC BELL DIRECTORY
	BERGMAN ALAN APPELLATE LAW OFFICES OF	PACIFIC BELL DIRECTORY
	BISHOP BONNIE K ATTORNEY AT LAW	PACIFIC BELL DIRECTORY
	DREXLER CHARLES LAW OFFICES	PACIFIC BELL DIRECTORY
	LAUER MICHAEL	PACIFIC BELL DIRECTORY
	PHELPS RICHARD	PACIFIC BELL DIRECTORY
	SCANLON JOSEPH	PACIFIC BELL DIRECTORY
	STRIMLING MICHAEL	PACIFIC BELL DIRECTORY
	2 CURRAN DONALD W LAW OFFICES OF	PACIFIC BELL DIRECTORY
	203 BERGMAN ALAN R APPELLATE LAW OFFICES OF	PACIFIC BELL DIRECTORY
	205 ANDERSON MARGARET-MARY ATTORNEY AT LAW	PACIFIC BELL DIRECTORY
1992	ALSCHULER GEORGE A	PACIFIC BELL DIRECTORY
	CURRAN DONALD W	PACIFIC BELL DIRECTORY
	BEERY BARBARA M LAW OFFICE OF	PACIFIC BELL DIRECTORY
	DREXLER CHARLES	PACIFIC BELL DIRECTORY
	ROOD STEVEN	PACIFIC BELL DIRECTORY
	SCHNYDER JAY	PACIFIC BELL DIRECTORY
	SMITH C R E	PACIFIC BELL DIRECTORY
	DORSHKIND MICHAEL I ATTY AT LAW	PACIFIC BELL DIRECTORY
	2 CURRAN & ALSCHULER A PROFESSIONAL CORPORATION	PACIFIC BELL DIRECTORY
	205 ANDERSON MARGARET MARY ATTORNEY AT LAW	PACIFIC BELL DIRECTORY
1991	Anderson Margaret Mary Attorney At Law	PACIFIC BELL WHITE PAGES
	Anderson Marie M	PACIFIC BELL WHITE PAGES
	Brucker H Michael	PACIFIC BELL WHITE PAGES
	Or	PACIFIC BELL WHITE PAGES
	Corporation	PACIFIC BELL WHITE PAGES
	P Curran Anne	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Curran Donald W atty	PACIFIC BELL WHITE PAGES
	DORS HKIN D MICHAE L I ATTY AT LAW	PACIFIC BELL WHITE PAGES
	Dorsklnd Jim & Mary	PACIFIC BELL WHITE PAGES
	Dorskind Jim & Mary	PACIFIC BELL WHITE PAGES
	Dorson VT	PACIFIC BELL WHITE PAGES
	Dorson VT	PACIFIC BELL WHITE PAGES
	Drexler Chares	PACIFIC BELL WHITE PAGES
	Drexler S	PACIFIC BELL WHITE PAGES
	Smith C RE	PACIFIC BELL WHITE PAGES
	S MITH CAE S AR GE N E RAL CON TRACTOR	PACIFIC BELL WHITE PAGES
	Warren Properties	PACIFIC BELL WHITE PAGES
	Warren R	PACIFIC BELL WHITE PAGES
	Warren Ralph C & Mary F	PACIFIC BELL WHITE PAGES
1986	Beynon R L Associates	PACIFIC BELL WHITE PAGES
	Brucker H Michael	PACIFIC BELL WHITE PAGES
	Or	PACIFIC BELL WHITE PAGES
	Chickering Robert B Warren Chickering & Grunewald Inc pat lwyrs	PACIFIC BELL WHITE PAGES
	Condon Wilhemina atty	PACIFIC BELL WHITE PAGES
	Cserr Luann atty	PACIFIC BELL WHITE PAGES
	Dorshkind Michael atty	PACIFIC BELL WHITE PAGES
	Dorshkind Michael I	PACIFIC BELL WHITE PAGES
	DORS HKIN D MICHAE L I AT AT LAW	PACIFIC BELL WHITE PAGES
	Dorso Claudio	PACIFIC BELL WHITE PAGES
	Dorson V T	PACIFIC BELL WHITE PAGES
	Drexler Charles atty	PACIFIC BELL WHITE PAGES
	Grunewald Glen R Warren Chickering & Grunewald Inc pat lwyrs	PACIFIC BELL WHITE PAGES
	Grunewald Holly	PACIFIC BELL WHITE PAGES
	Howard William H F atty Warren Chickering & Grunewald Inc	PACIFIC BELL WHITE PAGES
	Jordan Investment Group	PACIFIC BELL WHITE PAGES
	S MITH C R E atty	PACIFIC BELL WHITE PAGES
	Smith C Victor atty Central Bldg	PACIFIC BELL WHITE PAGES
	Smith C Y	PACIFIC BELL WHITE PAGES
	Steinheimer Vickie atty	PACIFIC BELL WHITE PAGES
	Warren Chickering & Grunewald Inc pat lwyrs	PACIFIC BELL WHITE PAGES
	Warren Clarence Geo	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Warren D	PACIFIC BELL WHITE PAGES
	Warren Manfred M Warren Chickering & Grunewalt lite pat lwyrs	PACIFIC BELL WHITE PAGES
	Warren Properties	PACIFIC BELL WHITE PAGES
1980	Berger Michael R atty	Pacific Telephone
	Beynon R L Associates	Pacific Telephone
	Brosler Edw	Pacific Telephone
	Brosler Edward pat atty	Pacific Telephone
	Brosler Merwyn pat agt	Pacific Telephone
	Brucker H Michael	Pacific Telephone
	Chickering Robert B Warren Chickering & Grunewald Inc pat lwyrs	Pacific Telephone
	Estis Marke atty	Pacific Telephone
	Grunewald Glen R Warren Chickering & Grunewald Inc pat lawyrs	Pacific Telephone
	Jones Ralph W ASLA lndscpe archt	Pacific Telephone
	Jordan Investment Group	Pacific Telephone
	Meltzer Mark J Warren Chickering & Grunewald Inc pat lwyrs	Pacific Telephone
	Warren Chickering & Grunewald Inc pat lwyrs	Pacific Telephone
	Warren Manfred M Warren Chickering & Grunewald Inc pat lwyrs	Pacific Telephone
	Warren Properties	Pacific Telephone
1975	BROSLER EDWARD PAT ATTY & AGT	Pacific Telephone
	CHICKERLNG ROBERT B WARREN RUBIN & CHICKERING PAT IWYRS	Pacific Telephone
	DEICH IER CLARK L ATTY	Pacific Telephone
	FRANKEL HAROLD T KENNETH HOME FASHIONS	Pacific Telephone
	GRUNEWALD GLEN R ATTY	Pacific Telephone
	JONES RALPH W ASLA INDSCPEARCHT	Pacific Telephone
	KENNETH HOME FASHIONS	Pacific Telephone
	BRITT & ASSOCIATES	Pacific Telephone
1970	BEYNON R L & ASSOCIATES	Pacific Telephone Directory
	BROSLER EDWARD PAT ATTY	Pacific Telephone Directory
	BRUCKER H MICHAEL ATTY WARREN RUBIN BRUCKER & CHICKERING PAT LWYRS	Pacific Telephone Directory
	C & H DEVELOPMENT CO	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1970	CHICKERING ROBERT B ATTY WARREN RUBIN BRUCKER & CHICKERING PAT LWYRS	Pacific Telephone Directory
	CHRISTOPOULOS DAN	Pacific Telephone Directory
	CROWN ROBT W ATTY	Pacific Telephone Directory
	HIRAHARA TAK	Pacific Telephone Directory
	JONES RALPH W LNDSCPE ARCHT	Pacific Telephone Directory
	RUBIN HERBERT ATTY WARREN RUBIN BRUCKER & CHICKERING PAT LWYRS	Pacific Telephone Directory
	WARREN MANFRED M ATTY WARREN RUBIN BRUCKER & CHICKERING PAT LWYRS	Pacific Telephone Directory
	WARREN RUBIN BRUCKER & CHICKERING PAT LWYRS	Pacific Telephone Directory
	WHITE BLAIR M ATTY	Pacific Telephone Directory
1967	MILMORE OSWALD H LWYR	R. L. Polk Co.
	RUBIN HERBERT LWYR	R. L. Polk Co.
	WARREN CYPHER & ANGLIM LWYRS	R. L. Polk Co.
1962	Anglim Charles E atty	Pacific Telephone
	Crown Robt W atty	Pacific Telephone
	Cypher Jas R Warren Manfred M atty	Pacific Telephone
	Graphomatic Inc genl ofcs	Pacific Telephone
	Grondona Store Systems Inc	Pacific Telephone
	Hollander C Jay Hollander Lipian & Horwitz attys	Pacific Telephone
	Hollander Lipian & Horwitz attys	Pacific Telephone
	Horwitz Armin Hollander Lipian & Horwitz attys	Pacific Telephone
	Hutchinson Don E	Pacific Telephone
	Lipian Jack H Hollander Lipian & Horwitz attys	Pacific Telephone
	General Offices	Pacific Telephone
	Union Pump Co	Pacific Telephone
	Warren Bldg	Pacific Telephone
	Warren Manfred M atty	Pacific Telephone
	Poy Henry A atty	Pacific Telephone
	Rhoades J Wesley pub acct	Pacific Telephone
	Sideman Bernard E certfd pub acct	Pacific Telephone
	Traffic Controls Inc	Pacific Telephone
1955	DAHLSTROM FANNIE	The Pacific Telephone & Telegraph Co.
	TERHUNE ISLA MRS	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1938	BLOCK A L R	Pacific Telephone
1933	HINCHMAN ALBT A H	R. L. Polk & Co.
1928	i John W R	R.L. Polk and Co of California
	Penniman Eva L Mrs H	R.L. Polk and Co of California
	Penniman Eva Level priv sec Zeilerbach Paper Co R	R.L. Polk and Co of California
	Pennsman Lillian L Mrs R	R.L. Polk and Co of California
	Hinchman Albt A Alice H	R.L. Polk and Co of California
	h May H wid W G H	R.L. Polk and Co of California

167 SANTA CLARA AVE

Year	Uses	Source
1950	JOHNSON PERNELL R	The Pacific Telephone & Telegraph Co.
1943	JOHNSON Sarah r	R. L. Polk & Co.
	JOHNSON Pendleton USN r	R. L. Polk & Co.
	JOHNSON Lucy Mrs h	R. L. Polk & Co.
1933	COWLING MARY S R	R. L. Polk & Co.
	COWLING MARY V (WID W D) R	R. L. Polk & Co.
	JOHNSON PERNELL (LUCY C) SLSMN H	R. L. Polk & Co.
	JOHNSON SARAH STEN R	R. L. Polk & Co.
	JOHNSON LUCY C STEN R	R. L. Polk & Co.
1928	82d Lucy C R	R.L. Polk and Co of California
	h Mary V wid Wm D H	R.L. Polk and Co of California
	h Mary S R	R.L. Polk and Co of California
	h Sarah E nurse R	R.L. Polk and Co of California
	Clara Pernell Lucy C slsmn H	R.L. Polk and Co of California

168 SANTA CLARA AVE

Year	Uses	Source
2000	A TSUI F	Pacific Bell
	A TSUI F	Pacific Bell
	A HEALTH & FITNESS SOLUTIONS	Pacific Bell
	HARD BOILED TESTING INC	Pacific Bell
	HARD BOILED TESTING INC	Pacific Bell
1996	A PRESENTING SOLUTIONS INC	PACIFIC BELL DIRECTORY
1992	PRESENTING SOLUTIONS INC	PACIFIC BELL DIRECTORY
	PROFESSIONAL TRANSCRIPTION	PACIFIC BELL DIRECTORY
1991	Mehler & Haring Associates Inc	PACIFIC BELL WHITE PAGES
	Professional Transcription	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Professional Tree Care Co The	PACIFIC BELL WHITE PAGES
1986	Professional Transcription	PACIFIC BELL WHITE PAGES
	Professional Tree Care Co The	PACIFIC BELL WHITE PAGES
1980	AMERICAN AM BU CAR SERVICE INC	Pacific Telephone
	Erin Sales International Inc	Pacific Telephone
	Erin Sales International Inc	Pacific Telephone
	Physio Control Inc	Pacific Telephone
1970	WESTERN SOUTHERN LIFE INS CO	Pacific Telephone Directory
1967	INSURANCE CO	R. L. Polk Co.
	WESTERN & SOUTHERN LIFE	R. L. Polk Co.
1962	Western & Southern Life Insurance Company	Pacific Telephone
1955	BRAY LEO	The Pacific Telephone & Telegraph Co.
1945	FLEMMING I A R	The Pacific Telephone & Telegraph Co.
1943	Flemming Isabel A wid A C h	R. L. Polk & Co.
1938	DAVIS JULIAN C R	Pacific Telephone
1928	Brinkop Chas H elk Okld Title Ins & Guar Co R	R.L. Polk and Co of California

169 SANTA CLARA AVE

Year	Uses	Source
1943	TAGGART Harold J Olive M pharm K & L Drug h	R. L. Polk & Co.
1933	TAGGART HAROLD J (OLIVE M) H	R. L. Polk & Co.
1928	Taggrart Harold J Olive L pharm HKornfleld & Levy H	R.L. Polk and Co of California
	Jeffers Roland C cashr John Hancock Mutual Life Ins Co R	R.L. Polk and Co of California
	Tasgart Harold J Olive L pharm Kornfield & Levy H	R.L. Polk and Co of California

170 SANTA CLARA AVE

Year	Uses	Source
2013	PILATES 580	Cole Information Services
	FUJINAKA GLENN M DDS	Cole Information Services
2008	GLENN M FUJINAKA DDS	Cole Information Services
	D R ROBERT EVENT MANAGEMENT	Cole Information Services
2006	FUJINAKAGLENN M	Haines Company, Inc.
2000	B SAME DAY ATTORNEY SERVICE PROCESS SERVICE	Pacific Bell
	BRISKIN ALAN	Pacific Bell
	NAGEE EARROL	Pacific Bell

FINDINGS

Year	Uses	Source
2000	MONTCLARE TECHNOLOGY PARTNERS	Pacific Bell
	FREEDMAN LUCILLE EA	Pacific Bell
	A WARREN PROFESSIONAL CENTER	Pacific Bell
1996	B SAME DAY ATTORNEY SERVICE	PACIFIC BELL DIRECTORY
	A WARREN PROFESSIONAL CENTER	PACIFIC BELL DIRECTORY
	NEPENTHEAN HOMES FOSTER FAMILY AGCY	PACIFIC BELL DIRECTORY
1992	A WARREN PROFESSIONAL CENTER	PACIFIC BELL DIRECTORY
	RAPHAEL LEONARD S CPA	PACIFIC BELL DIRECTORY
	BEESLEY PHYLLIS A CPA	PACIFIC BELL DIRECTORY
1991	Gallenson Randi E A	PACIFIC BELL WHITE PAGES
	Beesley & Gallenson	PACIFIC BELL WHITE PAGES
	BE E S LE Y PHYLLIS A CPA	PACIFIC BELL WHITE PAGES
	Friedman Lynn A	PACIFIC BELL WHITE PAGES
	Friedman M	PACIFIC BELL WHITE PAGES
1986	Advanced Management Design	PACIFIC BELL WHITE PAGES
	Stark Nancy R	PACIFIC BELL WHITE PAGES
	Womens Forum West	PACIFIC BELL WHITE PAGES
	Womens Gynecology Obstetrics And Midwifery Medical Group	PACIFIC BELL WHITE PAGES
1980	Coleman Michael B archt	Pacific Telephone
	Fischer Coleman Architects	Pacific Telephone
	Fischer Richard L archt	Pacific Telephone
	Periodical Publishers Service Bureau Inc	Pacific Telephone
	Strole Don	Pacific Telephone
1975	MEFL TO R D 4	Pacific Telephone
1967	HEINZ H J CO CANNERS	R. L. Polk Co.
1962	Heinz H J Co	Pacific Telephone

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Year	Uses	Source
1955	TARR EDNA MRS	The Pacific Telephone & Telegraph Co.
	ANDERSON M E R	The Pacific Telephone & Telegraph Co.
1950	ANDERSON M ER	The Pacific Telephone & Telegraph Co.
1945	TAYLOR L C MRS R	The Pacific Telephone & Telegraph Co.
1943	Taylor Margt C wid W N h	R. L. Polk & Co.
	Bevans Helen r	R. L. Polk & Co.
	Escobar Guadalupe Mrs r	R. L. Polk & Co.
	JOHNSON Velva r	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1943	Tarbutton Elsie r	R. L. Polk & Co.
1933	DONAHUE REGINA (WID F L) H	R. L. Polk & Co.
	DOBAHUE FLORENCE R	R. L. Polk & Co.
1928	Derby Ann E sten R	R.L. Polk and Co of California

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Year	Uses	Source
2013	OAKLAND FIRE DEPARTMENT	Cole Information Services
2006	a LABRUZZOJoe	Haines Company, Inc.
2000	LABRUZZO JOE	Pacific Bell
1986	I Dick Eugene	PACIFIC BELL WHITE PAGES
	August Steve	PACIFIC BELL WHITE PAGES
1980	August Steve	Pacific Telephone
1967	CITY FIRE DEPT ENG CO	R. L. Polk Co.

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Year	Uses	Source
1955	ZOGRAFOS FRANK R	The Pacific Telephone & Telegraph Co.
1950	ZOGRAFOS FRANK R	The Pacific Telephone & Telegraph Co.
1945	ZOGRAFOS FRANK R	The Pacific Telephone & Telegraph Co.
1943	Hempstead Jas H Viola W h	R. L. Polk & Co.
	Cook Geo B Albertina h	R. L. Polk & Co.
1933	MULGREW WM J JR R	R. L. Polk & Co.
	MULGREW WM J PLMBR H	R. L. Polk & Co.
	MULGREW HENRIETTA SLSWN R	R. L. Polk & Co.
	BUCKLEY FRANK J (FLORENCE) H	R. L. Polk & Co.
1928	av Olin S EBlena musical instruments	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
	Granger Harold P slsmn AOCo R	R.L. Polk and Co of California
	Broadway Shelby sten R	R.L. Polk and Co of California

174 SANTA CLARA AVE

Year	Uses	Source
2006	e VILLAFRANCA	Haines Company, Inc.
	Carmen	Haines Company, Inc.
2000	SHELBY WALTER GROUP LTD	Pacific Bell
1992	RABINOWITZ ABBIE	PACIFIC BELL DIRECTORY
1986	Reyes Fred A	PACIFIC BELL WHITE PAGES
	Temple Of Cosmic Religion The	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1980	Temple Of Cosmic Religion The	Pacific Telephone
1975	CERVENKA PREM	Pacific Telephone
1970	CORTVRIENDT ALPHONSE	Pacific Telephone Directory
1967	CORTUPIENAT	R. L. Polk Co.
1962	Fillman Robt L	Pacific Telephone
1955	TREADWELL GEO B R	The Pacific Telephone & Telegraph Co.
1950	TREADWELL GEORGE B R	The Pacific Telephone & Telegraph Co.
1945	TREADWELL GEORGE B R	The Pacific Telephone & Telegraph Co.
1943	Treadwell Geo B Dorothy v pres Contra Costa Bldg Matls Co h	R. L. Polk & Co.
1933	BARTSCH MINNIE R	R. L. Polk & Co.
	TREADWELL FREDA (WID JOHN) R	R. L. Polk & Co.
	TREADWELL GEO B (DOROTHY) SLSMN CONTRA COSTA BLDG MATERIALS CO R	R. L. Polk & Co.
1928	Barlsch Minnie R	R.L. Polk and Co of California
	Treadwell Freda wid John R	R.L. Polk and Co of California
	Material Co H	R.L. Polk and Co of California

175 SANTA CLARA AVE

Year	Uses	Source
1955	LAZAR JACK MRS R	The Pacific Telephone & Telegraph Co.
	ROCKSTRONG E	The Pacific Telephone & Telegraph Co.
1950	LAZAR JACK MRS R	The Pacific Telephone & Telegraph Co.
1945	MURPHY PAUL R	The Pacific Telephone & Telegraph Co.
1943	Stone Arley r	R. L. Polk & Co.
	Hall Jas shipftr r	R. L. Polk & Co.
	Lowry Beyd shipftr r	R. L. Polk & Co.
	Norville Lon A Julia E formn EBMUD h	R. L. Polk & Co.
1933	BRITTINGHAM HARRY E (EFFIE A) PRES ASSOC HARDWARE CO H	R. L. Polk & Co.
	DEAN FLORENCE NURSE R	R. L. Polk & Co.
1928	K Leland D drver R	R.L. Polk and Co of California
	Santa Harry E Effie A pres Associated Hdw Co H	R.L. Polk and Co of California
	Bnttingham Geo R sec Associated Hdw Co R	R.L. Polk and Co of California
	Galindo Sarah E wid M D R	R.L. Polk and Co of California

FINDINGS

177 SANTA CLARA AVE

Year	Uses	Source
1955	FERREIRA L	The Pacific Telephone & Telegraph Co.
1943	Blain Ulric J Geraldine driver h	R. L. Polk & Co.
	Demas Irene sten r	R. L. Polk & Co.
	Gentry Chas S Nellie A carp h	R. L. Polk & Co.
1938	WAGERS L R R	Pacific Telephone
1933	JONES W FRANK (DELIA) MTL FNSHR H	R. L. Polk & Co.
1928	av Reginald R	R.L. Polk and Co of California
	Beynon Jay H Willa M ydmn SPCo H	R.L. Polk and Co of California
	way Kath tchr OPS R	R.L. Polk and Co of California
	av Victoria Mrs tchr OPS R	R.L. Polk and Co of California

178 SANTA CLARA AVE

Year	Uses	Source
2006	e MONTANA May	Haines Company, Inc.
1996	CAREY CHAS J	PACIFIC BELL DIRECTORY
1992	CAREY CHAS J	PACIFIC BELL DIRECTORY
1991	Carey Chas J	PACIFIC BELL WHITE PAGES
	Carey Chris	PACIFIC BELL WHITE PAGES
1986	Carey Chas J	PACIFIC BELL WHITE PAGES
1980	Carey Chas J	Pacific Telephone
1975	CAREY CHAS J	Pacific Telephone
1970	CAREY CHAS J SERV STN	Pacific Telephone Directory
1967	CAREY CHAPLES J OL	R. L. Polk Co.
1955	KRISHER E A	The Pacific Telephone & Telegraph Co.
1950	ALVES NELLIE R	The Pacific Telephone & Telegraph Co.
1945	TENNYSON H A R	The Pacific Telephone & Telegraph Co.
1933	DIETZ SAML (ALPHA) (DIETZ BROS) H	R. L. Polk & Co.
1928	Llpka Eilla wid Harry 2d hd gds	R.L. Polk and Co of California
	R	R.L. Polk and Co of California
	r Gertrude H	R.L. Polk and Co of California
	r Milton elk EBlla Lipkca R	R.L. Polk and Co of California

179 SANTA CLARA AVE

Year	Uses	Source
1955	HOOE INA P	The Pacific Telephone & Telegraph Co.
1943	Mc Laughlin Geo A driver h	R. L. Polk & Co.
1938	WATKINS G W MRS R	Pacific Telephone

FINDINGS

Year	Uses	Source
1928	av Ernestine L sten R	R.L. Polk and Co of California
	av Oscar elk R	R.L. Polk and Co of California
	av Leslie A cik R	R.L. Polk and Co of California

180 SANTA CLARA AVE

Year	Uses	Source
1967	SAWTELL KENNETH	R. L. Polk Co.
1955	ANDERSON WALTER G	The Pacific Telephone & Telegraph Co.
1950	MC CORMICK A E MRS R	The Pacific Telephone & Telegraph Co.
1945	ENGLISH THOMAS C R	The Pacific Telephone & Telegraph Co.
	DAVIS EDWARD W R	The Pacific Telephone & Telegraph Co.
1933	LEVIT ANNE (WID Z J) H	R. L. Polk & Co.
1928	Levison Albt elk Annie Levit R	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
	Levison Annie wid Zelic dairy prods	R.L. Polk and Co of California
	Levison Alpha sten R	R.L. Polk and Co of California

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Year	Uses	Source
2006	a BUCKLEY Rebecca	Haines Company, Inc.
2000	BUCKLEY STEVEN & REBECCA	Pacific Bell
1996	BUCKLEY STEVEN & REBECCA	PACIFIC BELL DIRECTORY
1992	SHIMADA RUTH R	PACIFIC BELL DIRECTORY
1991	Shimada Ruth R	PACIFIC BELL WHITE PAGES
	Shimado Yoshimitsu	PACIFIC BELL WHITE PAGES
	Shimamoto M	PACIFIC BELL WHITE PAGES
	Shimamoto Wm	PACIFIC BELL WHITE PAGES
	Shimamura Arthur	PACIFIC BELL WHITE PAGES
1986	Yokoyama Fred T	PACIFIC BELL WHITE PAGES
	Yokoyama Geo H	PACIFIC BELL WHITE PAGES
1980	Yokoyama Fred T	Pacific Telephone
1970	YOKOYAMA FRED T	Pacific Telephone Directory
1967	YOKOYAMA FRED T	R. L. Polk Co.
1962	Yokoyama Fred T	Pacific Telephone
1955	YOKOYAMA FRED T	The Pacific Telephone & Telegraph Co.
1945	DAVIS M R	The Pacific Telephone & Telegraph Co.
1933	JONES CLARA (WID SCOTT) R	R. L. Polk & Co.
	RADER LAURA B (WID M G) H	R. L. Polk & Co.
	SMITH HENRY R	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1928	IB Clara L wid W Scott H	R.L. Polk and Co of California

184 SANTA CLARA AVE

Year	Uses	Source
2006	o MATHARafael	Haines Company, Inc.
1991	La Piana David	PACIFIC BELL WHITE PAGES
1980	Hauwert Theodoor A	Pacific Telephone
	Hauwert Ida	Pacific Telephone
1975	HAUWERT IDA	Pacific Telephone
	HAUWERT THEODOOR A	Pacific Telephone
1970	HAUWERT IDA	Pacific Telephone Directory
	HAUWERT THEODOOR A	Pacific Telephone Directory
1967	HAUWERT THEO	R. L. Polk Co.
1962	Grant I E	Pacific Telephone
1955	CASEY ANNETTE C MRS	The Pacific Telephone & Telegraph Co.
1950	CASEY ANNIETTE C MRS R	The Pacific Telephone & Telegraph Co.
1945	CASEY FRANK C R	The Pacific Telephone & Telegraph Co.
	RETTIG IDA MRS R	The Pacific Telephone & Telegraph Co.
1933	SLATER HAZEL D MRS INSPR MARSHALL STEEL CO R	R. L. Polk & Co.
	SLATER HORATIO (HAZEL D) SLSMN LEWIS & MITCHELL H	R. L. Polk & Co.
1928	cisco Horatio Hazel D slsmn Lewis & Mitchell H	R.L. Polk and Co of California

185 SANTA CLARA AVE

Year	Uses	Source
1945	RISHEL W H R	The Pacific Telephone & Telegraph Co.
1943	RISHEL Wm H h	R. L. Polk & Co.
1938	BARONE P J DR R	Pacific Telephone
1928	same Marvin C Mildred R asst supt Prudential Ins Co R	R.L. Polk and Co of California

188 SANTA CLARA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	YOUSIF MARVIN	Pacific Bell
1996	ONGJOCO TAM	PACIFIC BELL DIRECTORY
1991	Licari Luigi	PACIFIC BELL WHITE PAGES
	Rodrigues Luiz	PACIFIC BELL WHITE PAGES
	Rodrigues M & D	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Rodrigues M F	PACIFIC BELL WHITE PAGES
1986	Kukus Gary W	PACIFIC BELL WHITE PAGES
	Kulberg S Boyd Av	PACIFIC BELL WHITE PAGES
1980	Sullivan Kevin	Pacific Telephone
1970	HOWATT RUTH MRS	Pacific Telephone Directory
1962	Howatt Ruth Mrs	Pacific Telephone
1955	HOWATT SCOTT B	The Pacific Telephone & Telegraph Co.
1950	HOWATT SCOTT B R	The Pacific Telephone & Telegraph Co.
1933	DRESEL EVA MUSIC TCHR	R. L. Polk & Co.
	HOWATT SCOTT (BEULAH C) H	R. L. Polk & Co.
1928	Tr Scott B Beultah C elk H	R.L. Polk and Co of California
	macker Elsie M elk Okld PO H	R.L. Polk and Co of California

189 SANTA CLARA AVE

Year	Uses	Source
1950	NEUMILLER JOS L R	The Pacific Telephone & Telegraph Co.
1945	DURRETTE DAVIS R	The Pacific Telephone & Telegraph Co.
1943	Blanton Jas W ofc sec Cal Crematorium r	R. L. Polk & Co.
	Durrette Davis E Georgie W clk h	R. L. Polk & Co.
	Neumann Geo C Virginia D USA r	R. L. Polk & Co.
	Robinson Ella wid G H r	R. L. Polk & Co.
	Waldran Violet clk r	R. L. Polk & Co.
	Winstead Arth mech r	R. L. Polk & Co.
1938	ROBINSON ELLA G MRS R	Pacific Telephone
1933	TREECE ERNEST L BARBER R	R. L. Polk & Co.
	ROBINSON RAYMOND MACH R	R. L. Polk & Co.
	ROBINSON ELLA G (WID G H) H	R. L. Polk & Co.
	ROBINSON JOHN W CLK R	R. L. Polk & Co.
	ROBINSON CHAS C CLK R	R. L. Polk & Co.
	DURRETTE GEORGIE MRS R	R. L. Polk & Co.
1928	av Meta wid A W R	R.L. Polk and Co of California
	Stuart Aubrey Jones Cornell & Hotchkiss R	R.L. Polk and Co of California
	U John A R	R.L. Polk and Co of California
	f Geo H H	R.L. Polk and Co of California
	800 Ray H mach R	R.L. Polk and Co of California

FINDINGS

190 SANTA CLARA AVE

Year	Uses	Source
1986	H R W Corp	PACIFIC BELL WHITE PAGES

192 SANTA CLARA AVE

Year	Uses	Source
2006	e LAU Robin	Haines Company, Inc.
1992	LAU STANLEY SHEE HAM	PACIFIC BELL DIRECTORY
1986	Lau Stanley Shee Ham	PACIFIC BELL WHITE PAGES
1980	Lau Stanley Shee Ham	Pacific Telephone
1975	LAS STANLEY SHEE HAM	Pacific Telephone
1970	WALLACE M J	Pacific Telephone Directory
1962	Aquino Margarit	Pacific Telephone
1955	REIER RUTH E MRS	The Pacific Telephone & Telegraph Co.
1950	REIER GEO H R	The Pacific Telephone & Telegraph Co.
1945	REIER GEO H R	The Pacific Telephone & Telegraph Co.
1933	RIER GEO H	R. L. Polk & Co.
1928	Reler Geo H Clara G U S Int Rev agt H	R.L. Polk and Co of California

195 SANTA CLARA AVE

Year	Uses	Source
2006	a FBRADBURN Ellen 00 e	Haines Company, Inc.
	BRIDGES Raymond L	Haines Company, Inc.
	STANTON Carol	Haines Company, Inc.
	S 01 SON Donna	Haines Company, Inc.
	SHOLL Wayne	Haines Company, Inc.
	PATTON Teresa	Haines Company, Inc.
	IN Chlku	Haines Company, Inc.
	GEELS Dennis	Haines Company, Inc.
	o COSTELLO P	Haines Company, Inc.
	OCALDEIRAS	Haines Company, Inc.
	BURTON Maxine J	Haines Company, Inc.
2000	2 HENDERSON C L	Pacific Bell
	7 PIERLIONI ANDREA	Pacific Bell
	10 WOOLERY JOHN D	Pacific Bell
1992	8 MURPHY MICHAEL C	PACIFIC BELL DIRECTORY
1991	Schwartz Steven H Dr	PACIFIC BELL WHITE PAGES
	Rymer Colt	PACIFIC BELL WHITE PAGES
	Murphy Michael C	PACIFIC BELL WHITE PAGES
1955	SMITH JOHN R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1950	SMITH JOLIN R	The Pacific Telephone & Telegraph Co.
1933	BOOTH JAS W (ISABEL H) H	R. L. Polk & Co.
1928	11th Geo Alice R	R.L. Polk and Co of California

196 SANTA CLARA AVE

Year	Uses	Source
2006	a ZHU Celina	Haines Company, Inc.
1986	Comma Sense	PACIFIC BELL WHITE PAGES
	Comly John H	PACIFIC BELL WHITE PAGES
	Comiskey Chas A	PACIFIC BELL WHITE PAGES
1980	Comiskey Chas A	Pacific Telephone
1970	PEDERSEN PEDER C	Pacific Telephone Directory
1962	Pedersen Peder C	Pacific Telephone
1955	PEDERSEN PEDER C	The Pacific Telephone & Telegraph Co.
1943	Pedersen Anna C clk r	R. L. Polk & Co.
1933	BIGGAM JOHN A (SOPHIE E) MGR FEDERAL TELEG BLDG H	R. L. Polk & Co.

198 SANTA CLARA AVE

Year	Uses	Source
2006	RAMANI Shubha	Haines Company, Inc.
2000	ADDISON WINONA	Pacific Bell
1996	ADDISON WINONA	PACIFIC BELL DIRECTORY
1992	BRISKIN ALAN PHD	PACIFIC BELL DIRECTORY
	BRISKIN ALAN	PACIFIC BELL DIRECTORY
1991	Briskin D	PACIFIC BELL WHITE PAGES
	Briskin Alan Ph D	PACIFIC BELL WHITE PAGES
	Briskin Alan	PACIFIC BELL WHITE PAGES
1980	Mac Nair B E	Pacific Telephone
	Scherr J E	Pacific Telephone
1970	EIRISH K G MRS	Pacific Telephone Directory
1967	EIRISH K G MRS	R. L. Polk Co.
1962	Eirish K G Mrs	Pacific Telephone
1955	EIRISH K G MRS	The Pacific Telephone & Telegraph Co.
1950	LUEBBERT JOS R R	The Pacific Telephone & Telegraph Co.
1943	DUFOUR M Hortense wid C C r	R. L. Polk & Co.
1933	ITELL BUD (OPAL) SERVMN J E FRENCH CO R	R. L. Polk & Co.
	MAYNARD RALPH S (AMY) SLSMN H	R. L. Polk & Co.
1928	a Clwar M wid Allen R	R.L. Polk and Co of California

FINDINGS

200 SANTA CLARA AVE

Year	Uses	Source
2006	e SHERMAN EJen	Haines Company, Inc.
1986	Pfluke John A	PACIFIC BELL WHITE PAGES
	Pfost R	PACIFIC BELL WHITE PAGES
	Pfost R	PACIFIC BELL WHITE PAGES
	Goolsby Tony	PACIFIC BELL WHITE PAGES
1980	Thompson C J & T P	Pacific Telephone
1975	BODINE L A	Pacific Telephone
	NABER PHILLIP A	Pacific Telephone
1970	LOWMAN EDW	Pacific Telephone Directory
	KIDDER ALVIN W ALAMEDA	Pacific Telephone Directory
1967	& RAWLS CHARLIE F	R. L. Polk Co.
	ELKINS EDWIN C	R. L. Polk Co.
1962	White John D	Pacific Telephone
	Bailey Carl L	Pacific Telephone
1955	RODREICK ROBT	The Pacific Telephone & Telegraph Co.
	MICKELSEN ELLEN C	The Pacific Telephone & Telegraph Co.
	MERCER E O LT ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	SCHOTTO L C R	The Pacific Telephone & Telegraph Co.
1943	Mickelsen Dorothy h	R. L. Polk & Co.
1933	MICKELSEN DOROTHY R	R. L. Polk & Co.
	MICKELSEN ELLEN C (WID I C) H	R. L. Polk & Co.
1928	F Alpha clk Mutual Stores R	R.L. Polk and Co of California
	Mickelsen Ellen C Mrs H	R.L. Polk and Co of California

201 SANTA CLARA AVE

Year	Uses	Source
1970	CASTAGNETTO JOS A ALAMEDA	Pacific Telephone Directory
1955	CASTAGNETTO JOS A ALAMEDA	The Pacific Telephone & Telegraph Co.

204 SANTA CLARA AVE

Year	Uses	Source
1986	Mc Cahan Jos S	PACIFIC BELL WHITE PAGES
1970	MCCAHAN JOS S ALAMEDA	Pacific Telephone Directory
1955	SJOBERG ELLIS E R	The Pacific Telephone & Telegraph Co.
1950	SJOBERG ELLIS E R	The Pacific Telephone & Telegraph Co.

FINDINGS

205 SANTA CLARA AVE

Year	Uses	Source
1970	RAIMONDI WM L ALAMEDA	Pacific Telephone Directory
1955	RAIMONDI BILL R ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	CAINOTIECA FRANK R	The Pacific Telephone & Telegraph Co.

207 SANTA CLARA AVE

Year	Uses	Source
1991	Hassan Michael H	PACIFIC BELL WHITE PAGES
1970	HASSAN MICHAEL H ALAMEDA	Pacific Telephone Directory
1955	HASSAN MICHAEL H ALAMEDA	The Pacific Telephone & Telegraph Co.

208 SANTA CLARA AVE

Year	Uses	Source
1970	FREEDMAN JESSE ALAMEDA	Pacific Telephone Directory
1955	FREEDMAN JESSE R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	STUART LEE R ALAMEDA	The Pacific Telephone & Telegraph Co.

210 SANTA CLARA AVE

Year	Uses	Source
2008	W DESIGN	Cole Information Services
2006	WONG W	Haines Company, Inc.
	WONGG	Haines Company, Inc.
2000	2 BENNETT CAMNERON D	Pacific Bell
	2 BENNETT CAMERON D	Pacific Bell
1975	GREEN P	Pacific Telephone
1970	SMITH KENNETH T ALAMEDA	Pacific Telephone Directory
1967	CUNEO LEEFE MRS	R. L. Polk Co.
1962	Cuneo L Mrs	Pacific Telephone
1955	BARTON DEWEY L ALAMEDA	The Pacific Telephone & Telegraph Co.
	CUNEO L MRS R	The Pacific Telephone & Telegraph Co.
1950	CUNEO L MI S R	The Pacific Telephone & Telegraph Co.
1945	BARTON D L R ALAMEDA	The Pacific Telephone & Telegraph Co.
	CUNEO L MRS R	The Pacific Telephone & Telegraph Co.
1943	Cuneo Harold E r	R. L. Polk & Co.
	Cuneo Leefe wid E N h	R. L. Polk & Co.
1933	CUNEO HAROLD E CLK R	R. L. Polk & Co.
	CUNEO EDW N (LEEFE) SLSMN H	R. L. Polk & Co.
1928	H Friw Leefe H	R.L. Polk and Co of California

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211 SANTA CLARA AVE

Year	Uses	Source
2006	NEVES Danla Ile	Haines Company, Inc.
2000	1 NAYLOR DAVID	Pacific Bell
	2 CARNEY SARAH E	Pacific Bell
1996	2 NAYLOR DAVID	PACIFIC BELL DIRECTORY
1992	2 MCCLUSKY THOM	PACIFIC BELL DIRECTORY
	3 KING JAMES	PACIFIC BELL DIRECTORY
1991	Baginsky Stephen	PACIFIC BELL WHITE PAGES
	Baglein David	PACIFIC BELL WHITE PAGES
1986	Baginsky Stephen	PACIFIC BELL WHITE PAGES
	King James	PACIFIC BELL WHITE PAGES
1980	Baginsky Stephen	Pacific Telephone
	Butschek M	Pacific Telephone
	King James	Pacific Telephone
	Nissenoff P	Pacific Telephone
1970	FORD THOS F	Pacific Telephone Directory
	SEXTON ROBT H	Pacific Telephone Directory
	URSO RICHARD C	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	JENNINGS MARIAN MRS	R. L. Polk Co.
	DANABERPY JOHN	R. L. Polk Co.
1962	Hemenway Ira	Pacific Telephone
	Davis Bruce E	Pacific Telephone
	Davis Shirley R	Pacific Telephone
1955	CIVIAN DAVID V	The Pacific Telephone & Telegraph Co.
	DAVENPORT ELDEN	The Pacific Telephone & Telegraph Co.
	PENDLETON CHAS A JR LCDR ALAMEDA	The Pacific Telephone & Telegraph Co.
	SUFFRIDGE L E	The Pacific Telephone & Telegraph Co.
1950	MC CALL ARTHUR R R	The Pacific Telephone & Telegraph Co.
	STOCKWELL MILDRED R	The Pacific Telephone & Telegraph Co.
	FARRIS J H R	The Pacific Telephone & Telegraph Co.
1945	CRANK RAYMOND R	The Pacific Telephone & Telegraph Co.
1943	Linn La Roy W Susie P firemn h	R. L. Polk & Co.
	Crank Raymond r	R. L. Polk & Co.
	Crank Ira Melissa plmbr h	R. L. Polk & Co.
	Crank Edith M tchr r	R. L. Polk & Co.
	Behan John whsmn h	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1943	Behan Jean whsmn h	R. L. Polk & Co.
1933	HUNTLEY HARPER P BR MGR WILSON S ALAMEDA	R. L. Polk & Co.
	HUNTLEY WILLARD CLK R	R. L. Polk & Co.
	MAGUIRE LAWRENCE MECH R	R. L. Polk & Co.
	REYNOLDS HATTIE STEN R	R. L. Polk & Co.
	REYNOLDS MAY B CLK R	R. L. Polk & Co.
	REYNOLDS WALBORG F (WID F M) H	R. L. Polk & Co.

212 SANTA CLARA AVE

Year	Uses	Source
1970	CANNEY GEO C ALAMEDA	Pacific Telephone Directory
1955	GRAVES DONALD A ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	POWELL WRDL FR	The Pacific Telephone & Telegraph Co.

213 SANTA CLARA AVE

Year	Uses	Source
1950	WINDSOR ALFRED A R	The Pacific Telephone & Telegraph Co.

214 SANTA CLARA AVE

Year	Uses	Source
1986	Hickox V	PACIFIC BELL WHITE PAGES
	Hick Ry Pit Emil Villas The Original	PACIFIC BELL WHITE PAGES
1970	WILLIAMS JOHN D ALAMEDA	Pacific Telephone Directory
1955	CAHILL NELLIE MRS ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	SCHMID L FRANK R R	The Pacific Telephone & Telegraph Co.

215 SANTA CLARA AVE

Year	Uses	Source
2008	LUCKY STAR CHARTER INC	Cole Information Services
2006	CHAKARAVARTUKA	Haines Company, Inc.
	TUMANG Patrida	Haines Company, Inc.
1996	B GREENBERG TED	PACIFIC BELL DIRECTORY
1992	B GREENBERG TED	PACIFIC BELL DIRECTORY
1991	I Greenberg Ted	PACIFIC BELL WHITE PAGES
	Greenberger Matthew	PACIFIC BELL WHITE PAGES
	Ibsen Eric	PACIFIC BELL WHITE PAGES
1986	Bruere G M Jr	PACIFIC BELL WHITE PAGES
	Greenberg Ted	PACIFIC BELL WHITE PAGES
1980	Mc Arthur Bruce	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	ELLASON CLIAS M DR DNTST ALAMEDA522 4	Pacific Telephone
	LANTZ ED	Pacific Telephone
1970	BLACKBURN WANDA	Pacific Telephone Directory
	CHESLER EDW W ALAMEDA	Pacific Telephone Directory
	MILLER NATALIE C	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	FERRARA BARBARA	R. L. Polk Co.
	WILSON DAVID	R. L. Polk Co.
	OKAMOTO KENNETH	R. L. Polk Co.
1962	Jessup Elwood F	Pacific Telephone
	Jessup Mildred	Pacific Telephone
	Mousasticoshvily Igor	Pacific Telephone
	Nutting W H	Pacific Telephone
	Yoneda Hiroichi	Pacific Telephone
1955	WRIGHT D C	The Pacific Telephone & Telegraph Co.
	KIMMONS GEO W ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	SAVAGE VIRGINIA R	The Pacific Telephone & Telegraph Co.
	MERKEY LOLA R	The Pacific Telephone & Telegraph Co.
	DENNY LELA R	The Pacific Telephone & Telegraph Co.
1945	ZIEGLER LLOYD E R ALAMEDA	The Pacific Telephone & Telegraph Co.
1943	Blaylock Wm Carol USCG h	R. L. Polk & Co.
	Garrison Neal Sallie USA h	R. L. Polk & Co.
	Garrison Sallie F Mrs bkpr Clyde O Sweet r	R. L. Polk & Co.
	GOULD Grace Mrs h	R. L. Polk & Co.
	HOFFMAN Robt Hazel h	R. L. Polk & Co.
1938	PATCH G A R	Pacific Telephone
1933	KAUFFMAN GEO A JR CHAUF R	R. L. Polk & Co.
	KAUFFMAN GEO A (LILLIAN) H	R. L. Polk & Co.
1928	av Frank W May mgr Citizens Aviation Assn H	R.L. Polk and Co of California
	San Hetty C wid Frank W R	R.L. Polk and Co of California

216 SANTA CLARA AVE

Year	Uses	Source
1970	LENEHAN WM E ALAMEDA	Pacific Telephone Directory
1955	LENEHAN WM E ALAMEDA	The Pacific Telephone & Telegraph Co.

FINDINGS

217 SANTA CLARA AVE

Year	Uses	Source
2006	ALLENTiesha	Haines Company, Inc.
	ALUKIC Muhamed	Haines Company, Inc.
	LOPEZ Elizabeth	Haines Company, Inc.
	PEREZAngelina	Haines Company, Inc.
	ROBERTS B	Haines Company, Inc.
	SIMILTON Regina	Haines Company, Inc.
	APARTMENTS	Haines Company, Inc.
2000	203 CATIC SAID	Pacific Bell
	302 ALUKIC MUHAMED	Pacific Bell
	304 CATIC SULEJMAN	Pacific Bell
1996	206 CARRILLO JOEL	PACIFIC BELL DIRECTORY
	302 MORRIS MICHEAL	PACIFIC BELL DIRECTORY
1992	302 LOPEZ CYNTHIA	PACIFIC BELL DIRECTORY
	305 DELEON ANTONIO	PACIFIC BELL DIRECTORY
1991	Rayburn John	PACIFIC BELL WHITE PAGES
1986	Cates Tim	PACIFIC BELL WHITE PAGES
	Cates Vera	PACIFIC BELL WHITE PAGES
	Fleming Jim	PACIFIC BELL WHITE PAGES
	Hyland John	PACIFIC BELL WHITE PAGES
	Kaplan Julie	PACIFIC BELL WHITE PAGES
	Van Home Jas	PACIFIC BELL WHITE PAGES
1980	Amerson Mark V	Pacific Telephone
	Baca Malaquias	Pacific Telephone
	Edwards Kenneth R	Pacific Telephone
	Gauthier Frank	Pacific Telephone
	Johnstone Peter	Pacific Telephone
	Kirkland Richard	Pacific Telephone
	Mc Vay Ursel	Pacific Telephone
	Noyes John	Pacific Telephone
	Williams Raiford	Pacific Telephone
1975	ALVES DAVID J	Pacific Telephone
	BANDYOPADHYAYA A	Pacific Telephone
	BRITTON PAULINE	Pacific Telephone
	DULEY H WINFLELD	Pacific Telephone
	DUTTA KAMAL	Pacific Telephone
	GLENN DENNIS	Pacific Telephone
	MOWERY MARY	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	NEAL LONNIE	Pacific Telephone
	OCONNOR JOHN	Pacific Telephone
1970	ALDERMAN R	Pacific Telephone Directory
	BASS JOHN	Pacific Telephone Directory
	BOUVIER PAUL	Pacific Telephone Directory
	BROWN WM	Pacific Telephone Directory
	BRUNS DAVID	Pacific Telephone Directory
	CREAMER DONALD M	Pacific Telephone Directory
	DENNIS JOHN E	Pacific Telephone Directory
	DRAIM ROBT	Pacific Telephone Directory
	FAIRCHILD BILL	Pacific Telephone Directory
	FITZGIBBONS MICHAEL JOHN	Pacific Telephone Directory
	HARVEY DOROTHY	Pacific Telephone Directory
	JEFFRIES BRUCE A	Pacific Telephone Directory
	JONES JIM	Pacific Telephone Directory
	LONGLEY PAUL	Pacific Telephone Directory
	MARRELLI ANTHONY	Pacific Telephone Directory
	MCMEECHAN PEGGY	Pacific Telephone Directory
	MUSACHIA TERRI	Pacific Telephone Directory
	PAI MOHAN	Pacific Telephone Directory
	PATIL P A	Pacific Telephone Directory
	SREEKAKULA R	Pacific Telephone Directory
1967	APARTMENTS	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	FLANAGAN MARIE	R. L. Polk Co.
	HARVEY DOROTHY	R. L. Polk Co.
	WARDLE DOROTHY	R. L. Polk Co.
	BAILEY ROBT	R. L. Polk Co.
	CONTRERAS JOSEPH	R. L. Polk Co.
1962	Berg Wesley	Pacific Telephone
	Brightman Roland B	Pacific Telephone
1955	GRUBB ROBT E	The Pacific Telephone & Telegraph Co.
	HENSLEY HOWARD L & ASSOCIATES	The Pacific Telephone & Telegraph Co.
1950	BENJAMIN SANL R	The Pacific Telephone & Telegraph Co.
	MUSE V M R	The Pacific Telephone & Telegraph Co.
	ROHRER ETHYL R	The Pacific Telephone & Telegraph Co.
	TRAYLOR HAROLD B R	The Pacific Telephone & Telegraph Co.

Year	Uses	Source
1943	Armstead Kath H Mrs h	R. L. Polk & Co.
	Pellouso Jos Julia mech Key System r	R. L. Polk & Co.
1933	BELL ALICE F MRS H	R. L. Polk & Co.
	BELL MARJORIE R	R. L. Polk & Co.

218 SANTA CLARA AVE

Year	Uses	Source
1955	WEST IRA B L CDR ALAMEDA	The Pacific Telephone & Telegraph Co.

219 SANTA CLARA AVE

Year	Uses	Source
1970	NEFF HAROLD R LT ALAMEDA	Pacific Telephone Directory
1955	OWEN ROBT E ALAMEDA	The Pacific Telephone & Telegraph Co.

158A SANTA CLARA AVE

Year	Uses	Source
1955	JONES PRESTON M STRUCTRL ENGNR	The Pacific Telephone & Telegraph Co.

173A SANTA CLARA AVE

Year	Uses	Source
1955	EIDSBERG OTTO	The Pacific Telephone & Telegraph Co.
1945	FULLER LEON R	The Pacific Telephone & Telegraph Co.

177A SANTA CLARA AVE

Year	Uses	Source
1933	GENTRY CHAS S (NELLIE A) CARP H	R. L. Polk & Co.
	WHITE JESSE PNTR R	R. L. Polk & Co.

161 1/2 SANTA CLARA AVE

Year	Uses	Source
1933	RICHARDS FRANK M (ETHEL A) H	R. L. Polk & Co.

177 1/2 SANTA CLARA AVE

Year	Uses	Source
1945	DEMAS JOHN R	The Pacific Telephone & Telegraph Co.

SANTA CLARA AVE%

211 SANTA CLARA AVE%

Year	Uses	Source
1928	H	R.L. Polk and Co of California

Year	Uses	Source
1928	MEACHAM SCHOBEY F Dora Physician and Surgeon	R.L. Polk and Co of California

SANTA CLARA CT

104 SANTA CLARA CT

Year	Uses	Source
1945	MARTIN IRVING R	The Pacific Telephone & Telegraph Co.

105 SANTA CLARA CT

Year	Uses	Source
1955	WALGRAF H J	The Pacific Telephone & Telegraph Co.

107 SANTA CLARA CT

Year	Uses	Source
1925	OAKLAND AV MEAT MKT	R. L. Polk & Co. of California

108 SANTA CLARA CT

Year	Uses	Source
1955	MCCARTY ED	The Pacific Telephone & Telegraph Co.
1945	CYRUS ELVIRA M R	The Pacific Telephone & Telegraph Co.

110 SANTA CLARA CT

Year	Uses	Source
1945	WEBER HAROLD E R ALAMEDA	The Pacific Telephone & Telegraph Co.

111 SANTA CLARA CT

Year	Uses	Source
1955	KELLS HARRY E	The Pacific Telephone & Telegraph Co.

112 SANTA CLARA CT

Year	Uses	Source
1955	TURNER BEN E	The Pacific Telephone & Telegraph Co.
1945	CONLEY J W R ALAMEDA	The Pacific Telephone & Telegraph Co.

117 SANTA CLARA CT

Year	Uses	Source
1950	STRONG BOYD B R	The Pacific Telephone & Telegraph Co.
	NESTLER WERNER R	The Pacific Telephone & Telegraph Co.
1945	STRONG BOYD B R	The Pacific Telephone & Telegraph Co.
	NESTLER WERNER R ALAMEDA	The Pacific Telephone & Telegraph Co.

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118 SANTA CLARA CT

Year	Uses	Source
1950	BONDIRANT J A R	The Pacific Telephone & Telegraph Co.
1945	BONDURANT J A R ALAMEDA	The Pacific Telephone & Telegraph Co.

119 SANTA CLARA CT

Year	Uses	Source
1955	TURNIPSEED L D	The Pacific Telephone & Telegraph Co.
	MORESI CHAS A R ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	CORREIA CESAR F R	The Pacific Telephone & Telegraph Co.
	MORESI CHAS A R	The Pacific Telephone & Telegraph Co.
1945	MORESI CHAS A R ALAMEDA	The Pacific Telephone & Telegraph Co.

121 SANTA CLARA CT

Year	Uses	Source
1955	RODRIGUEZ CECIL	The Pacific Telephone & Telegraph Co.

123 SANTA CLARA CT

Year	Uses	Source
1955	HUFFMAN EVAN L R ALAMEDA	The Pacific Telephone & Telegraph Co.
1950	HUFFMAN EBAN L R	The Pacific Telephone & Telegraph Co.
1945	HUFFMAN EVAN L R ALAMEDA	The Pacific Telephone & Telegraph Co.
	HELLIS ROBERT W R ALAMEDA	The Pacific Telephone & Telegraph Co.

124 SANTA CLARA CT

Year	Uses	Source
1945	DE VIVEIROS JOHN R ALAMEDA	The Pacific Telephone & Telegraph Co.
	RODERICK FRANK E R ALAMEDA	The Pacific Telephone & Telegraph Co.

127 SANTA CLARA CT

Year	Uses	Source
1945	GENET VICTOR A R ALAMEDA	The Pacific Telephone & Telegraph Co.

128 SANTA CLARA CT

Year	Uses	Source
1945	MILLAR S P R ALAMEDA	The Pacific Telephone & Telegraph Co.

138 SANTA CLARA CT

Year	Uses	Source
1950	KOHN ALBERT L R	The Pacific Telephone & Telegraph Co.
1945	KOHN ALBERT L R ALAMEDA	The Pacific Telephone & Telegraph Co.

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139 SANTA CLARA CT

Year	Uses	Source
1945	BISHOP W W R ALAMEDA	The Pacific Telephone & Telegraph Co.

142 SANTA CLARA CT

Year	Uses	Source
1945	RUSHFORTH GEO R ALAMEDA	The Pacific Telephone & Telegraph Co.
1920	SANTA CLARA CL & DYE WKS	R. L. Polk & Co. of California

143 SANTA CLARA CT

Year	Uses	Source
1945	BERGER PHILIP R R ALAMEDA	The Pacific Telephone & Telegraph Co.

148 SANTA CLARA CT

Year	Uses	Source
1945	JOHNSEN BERT E R ALAMEDA	The Pacific Telephone & Telegraph Co.

152 SANTA CLARA CT

Year	Uses	Source
1955	AVENUE BEAUTY SALON	The Pacific Telephone & Telegraph Co.
1950	AVENUE BEAUTY SALON	The Pacific Telephone & Telegraph Co.
1945	ELLIOTT D C R ALAMEDA	The Pacific Telephone & Telegraph Co.

164 SANTA CLARA CT

Year	Uses	Source
1925	TAYLOR MRS PAULINE L R	R. L. Polk & Co. of California
1920	TAYLOR MRS PAULINE L R	R. L. Polk & Co. of California

167 SANTA CLARA CT

Year	Uses	Source
1955	JOHNSON PERNELL R	The Pacific Telephone & Telegraph Co.
1938	JOHNSON PERNELL R	Pacific Telephone

169 SANTA CLARA CT

Year	Uses	Source
1950	TAGGART HAROLD J R	The Pacific Telephone & Telegraph Co.
1938	TAGGART HAROLD J R	Pacific Telephone
1920	TAGGART HAROLD J R	R. L. Polk & Co. of California

171 SANTA CLARA CT

Year	Uses	Source
1950	TARR A E R	The Pacific Telephone & Telegraph Co.

FINDINGS

174 SANTA CLARA CT

Year	Uses	Source
1925	TREADWELL GEORGE B R	R. L. Polk & Co. of California
1920	KESSLER MRS EVA EPLEY R	R. L. Polk & Co. of California

175 SANTA CLARA CT

Year	Uses	Source
1920	JOHNSTON CLARENCE L R	R. L. Polk & Co. of California

177 SANTA CLARA CT

Year	Uses	Source
1955	BLAIN TED R	The Pacific Telephone & Telegraph Co.
1950	BLAIN TED R	The Pacific Telephone & Telegraph Co.
1945	BLAIN TED R	The Pacific Telephone & Telegraph Co.

179 SANTA CLARA CT

Year	Uses	Source
1945	MCLAUGHLIN GEO R	The Pacific Telephone & Telegraph Co.

185 SANTA CLARA CT

Year	Uses	Source
1950	TURNER FRANK P RI	The Pacific Telephone & Telegraph Co.

189 SANTA CLARA CT

Year	Uses	Source
1955	WOOD CHAS R	The Pacific Telephone & Telegraph Co.
1950	WOOD CHAS R	The Pacific Telephone & Telegraph Co.

196 SANTA CLARA CT

Year	Uses	Source
1950	PEDERSEN PEDER C R	The Pacific Telephone & Telegraph Co.
1945	PEDERSEN PEDER C R	The Pacific Telephone & Telegraph Co.
1920	WILLIAMS MRS J P R	R. L. Polk & Co. of California

198 SANTA CLARA CT

Year	Uses	Source
1945	BUMP ESTHER R	The Pacific Telephone & Telegraph Co.

200 SANTA CLARA CT

Year	Uses	Source
1955	MACKENZIE P A	The Pacific Telephone & Telegraph Co.
1945	FRATES BESSIE MRS R ALAMEDA	The Pacific Telephone & Telegraph Co.

204 SANTA CLARA CT

Year	Uses	Source
1945	RATTO MICHAEL R ALAMEDA	The Pacific Telephone & Telegraph Co.

205 SANTA CLARA CT

Year	Uses	Source
1945	RAIMONDI BILL R ALAMEDA	The Pacific Telephone & Telegraph Co.

211 SANTA CLARA CT

Year	Uses	Source
1945	DAVIDSON F W R ALAMEDA	The Pacific Telephone & Telegraph Co.

212 SANTA CLARA CT

Year	Uses	Source
1945	FRASER JOHN A G R ALAMEDA	The Pacific Telephone & Telegraph Co.

214 SANTA CLARA CT

Year	Uses	Source
1945	SCHMIDT FRANK R R ALAMEDA	The Pacific Telephone & Telegraph Co.

218 SANTA CLARA CT

Year	Uses	Source
1950	CULBERG ROY S R	The Pacific Telephone & Telegraph Co.
1945	CULBERG ROY S R ALAMEDA	The Pacific Telephone & Telegraph Co.

111A SANTA CLARA CT

Year	Uses	Source
1955	MALLORY RUTH	The Pacific Telephone & Telegraph Co.

SANTA CLARA ST

164 SANTA CLARA ST

Year	Uses	Source
1943	Martin Cath S clk r	R. L. Polk & Co.

166 SANTA CLARA ST

Year	Uses	Source
1991	Atschuler George A at ty	PACIFIC BELL WHITE PAGES

173 SANTA CLARA ST

Year	Uses	Source
1943	Fields Jennie Mrs h	R. L. Polk & Co.

177 SANTA CLARA ST

Year	Uses	Source
1943	Demas John restr h	R. L. Polk & Co.

182 SANTA CLARA ST

Year	Uses	Source
1943	Davis Morton florist r	R. L. Polk & Co.

198 SANTA CLARA ST

Year	Uses	Source
1943	DUFOUR Geo P Adele M driver h	R. L. Polk & Co.

215 SANTA CLARA ST

Year	Uses	Source
1943	Blaylock Carol S sten Lincoln Eng Co r	R. L. Polk & Co.
	Barnett Martha h	R. L. Polk & Co.
	Williams Wm G Grace tmstr r	R. L. Polk & Co.

SANTA CLARA WAY

105 SANTA CLARA WAY

Year	Uses	Source
1925	NEWCOMB ALICE	R. L. Polk & Co. of California

107 SANTA CLARA WAY

Year	Uses	Source
1933	TEICHNER RITA MRS CLO CLNR	R. L. Polk & Co.
1925	LYNCH GEO	R. L. Polk & Co. of California

108 SANTA CLARA WAY

Year	Uses	Source
1938	CYRUS ELVIRA M R	Pacific Telephone

110 SANTA CLARA WAY

Year	Uses	Source
2002	RAMAWURTNYPaitihra	R. L. Polk & Co.

111 SANTA CLARA WAY

Year	Uses	Source
2002	RODRIGUEZJOSB	R. L. Polk & Co.
	RODRi GUEZSusana 510 7 B	R. L. Polk & Co.

FINDINGS

115 SANTA CLARA WAY

Year	Uses	Source
2002	SILVAAnlaolo	R. L. Polk & Co.
	YANGChia Hsu	R. L. Polk & Co.
	ZAFARIManam	R. L. Polk & Co.
	SREENIVASANRolhr	R. L. Polk & Co.
	TOPNOTCH	R. L. Polk & Co.
	TRAN Tn	R. L. Polk & Co.

117 SANTA CLARA WAY

Year	Uses	Source
2002	MURUGESANGovindan	R. L. Polk & Co.
1928	Telchner Rita C hemstitching	R.L. Polk and Co of California
1925	RIESEN CLARENCE J FRUIT & PRODUCE	R. L. Polk & Co. of California
	SANTA CLARA FRUIT & PRODUCE MARKET	R. L. Polk & Co. of California

119 SANTA CLARA WAY

Year	Uses	Source
1925	KORNFELD S R	R. L. Polk & Co. of California

132 SANTA CLARA WAY

Year	Uses	Source
2002	CARLOS Femando F	R. L. Polk & Co.
	BOOHRJason	R. L. Polk & Co.
	ARZ 00 Ivan G	R. L. Polk & Co.
	ESTRA 0 ADa Erd M	R. L. Polk & Co.
	DZWONEJ Stephen M	R. L. Polk & Co.
	DOLAN Michefle	R. L. Polk & Co.
	DOLAN Bryan	R. L. Polk & Co.
	DIAZ Wilam F	R. L. Polk & Co.
	DAVi SLacey	R. L. Polk & Co.
	CASTILLOJon	R. L. Polk & Co.
	DAVIDSONBrece WJr	R. L. Polk & Co.
	CONLEYRuth	R. L. Polk & Co.
	CONLEYRuth	R. L. Polk & Co.

134 SANTA CLARA WAY

Year	Uses	Source
2002	SHARMASai	R. L. Polk & Co.

FINDINGS

140 SANTA CLARA WAY

Year	Uses	Source
1920	KONO S R	R. L. Polk & Co. of California

142 SANTA CLARA WAY

Year	Uses	Source
1938	FOUNTAINETTE PUMP DISTRIBUTOR	Pacific Telephone
	BOWEN LLOYD FOUNTAINETTE PUMP DISTRIBUTOR	Pacific Telephone

145 SANTA CLARA WAY

Year	Uses	Source
2002	KAIN Douglas E	R. L. Polk & Co.
	KUMAR Raw	R. L. Polk & Co.

146 SANTA CLARA WAY

Year	Uses	Source
2002	MIRAJanelle L	R. L. Polk & Co.
	M 00 REEtsauko	R. L. Polk & Co.

152 SANTA CLARA WAY

Year	Uses	Source
1945	AVENUE BEAUTY SALON	The Pacific Telephone & Telegraph Co.
1938	JONES C W MRS R	Pacific Telephone
1925	WALTER FRED F R	R. L. Polk & Co. of California

153 SANTA CLARA WAY

Year	Uses	Source
1925	OAKLAND AV CLNG & TAILORING CO	R. L. Polk & Co. of California

154 SANTA CLARA WAY

Year	Uses	Source
1950	KUERZEL OTTO C R	The Pacific Telephone & Telegraph Co.
1945	KUERZEL OTTO C R	The Pacific Telephone & Telegraph Co.
1938	KUERZEL OTTO C R	Pacific Telephone
1928	Kuerzel Otto C Kath slsmn H	R.L. Polk and Co of California
1925	KUERZEL OTTO C R	R. L. Polk & Co. of California
1920	KUERZEL OTTO C R	R. L. Polk & Co. of California

155 SANTA CLARA WAY

Year	Uses	Source
2002	NGUYEN Phlphosog	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1925	MADDOCKS J K PLUMBER	R. L. Polk & Co. of California
1920	BELLEVUE CLEANERS	R. L. Polk & Co. of California

156 SANTA CLARA WAY

Year	Uses	Source
1925	REIS MRS J O R	R. L. Polk & Co. of California
1920	REIS MRS J O R	R. L. Polk & Co. of California

157 SANTA CLARA WAY

Year	Uses	Source
1925	HESSE MISS F R	R. L. Polk & Co. of California
1920	HESSE MISS F R	R. L. Polk & Co. of California

159 SANTA CLARA WAY

Year	Uses	Source
1938	MACMARR STORES	Pacific Telephone

160 SANTA CLARA WAY

Year	Uses	Source
1986	Alcon Insurance Services	PACIFIC BELL WHITE PAGES
1938	BERGQUEST LILLIAN R	Pacific Telephone
1925	BERQUEST LILLIAN R	R. L. Polk & Co. of California
1920	BERQUEST LILLIAN R	R. L. Polk & Co. of California

161 SANTA CLARA WAY

Year	Uses	Source
1925	BABCOCK VAL W R	R. L. Polk & Co. of California
1920	FANEUF R J R	R. L. Polk & Co. of California

164 SANTA CLARA WAY

Year	Uses	Source
1938	SCOTT HERBERT R	Pacific Telephone
1925	FARRELL MRS EDW F R	R. L. Polk & Co. of California
1920	FARRELL MRS EDW F R	R. L. Polk & Co. of California

166 SANTA CLARA WAY

Year	Uses	Source
1925	HINCHMAN A A R	R. L. Polk & Co. of California
1920	JOHNSON GEO R	R. L. Polk & Co. of California

FINDINGS

167 SANTA CLARA WAY

Year	Uses	Source
1925	JOHNSON PERNELL R	R. L. Polk & Co. of California
1920	JOHNSON PERNELL R	R. L. Polk & Co. of California

168 SANTA CLARA WAY

Year	Uses	Source
1933	PACE GEO D (VIRGINIA M) SLSMN H	R. L. Polk & Co.
1925	BRINKOP T D R	R. L. Polk & Co. of California
1920	BRINKOP T D R	R. L. Polk & Co. of California

169 SANTA CLARA WAY

Year	Uses	Source
1925	TAGGART HAROLD J R	R. L. Polk & Co. of California

171 SANTA CLARA WAY

Year	Uses	Source
1925	DONAHUE FRED L R	R. L. Polk & Co. of California
1920	DONAHUE FRED L R	R. L. Polk & Co. of California

173 SANTA CLARA WAY

Year	Uses	Source
2002	HANKi Jong	R. L. Polk & Co.
	HASIMOTOEIIzabe lh M	R. L. Polk & Co.
	JACKSONRegi	R. L. Polk & Co.
	HO Emdy P	R. L. Polk & Co.
	HAUAN	R. L. Polk & Co.
1938	DEISENROTH J B R	Pacific Telephone
1933	MULGREM HENRIETTA WRAPPER R	R. L. Polk & Co.
1928	Utensil Ellena bkpr H C Capwell Co R	R.L. Polk and Co of California
1925	GROVE MRS O S R	R. L. Polk & Co. of California
1920	GROVE MRS O S R	R. L. Polk & Co. of California
	COLOR MUSIC STUDIO	R. L. Polk & Co. of California

174 SANTA CLARA WAY

Year	Uses	Source
1938	TREADWELL GEORGE B R	Pacific Telephone
1920	HEARD DR E N R	R. L. Polk & Co. of California

FINDINGS

175 SANTA CLARA WAY

Year	Uses	Source
1938	KETCHAM HELEN MRS R	Pacific Telephone
	BRITTINGHAM H E R	Pacific Telephone
1933	JENSEN ELEANOR TCHR OKLD PUB SCH R	R. L. Polk & Co.
1925	BRITTINGHAM H E R	R. L. Polk & Co. of California

177 SANTA CLARA WAY

Year	Uses	Source
1938	GENTRY CHAS S R	Pacific Telephone
1925	GENTRY CHARLES S R	R. L. Polk & Co. of California

178 SANTA CLARA WAY

Year	Uses	Source
1938	LEVIT ALBERT MRS R	Pacific Telephone

179 SANTA CLARA WAY

Year	Uses	Source
1928	Crowhurst Arch Ann gdnr H	R.L. Polk and Co of California
1925	CROWHURST A R	R. L. Polk & Co. of California
1920	CROWHURST A R	R. L. Polk & Co. of California

180 SANTA CLARA WAY

Year	Uses	Source
1938	TOCHTERMAN J R	Pacific Telephone

182 SANTA CLARA WAY

Year	Uses	Source
1938	MILLER FRED H R	Pacific Telephone
1925	JELLISON MRS EUGENIA M C S	R. L. Polk & Co. of California

184 SANTA CLARA WAY

Year	Uses	Source
2002	SCHUM Sarah E	R. L. Polk & Co.
1938	TURPEN OLIVER S R	Pacific Telephone
1925	SLATER H R	R. L. Polk & Co. of California
1920	INGELS DR GEO W R	R. L. Polk & Co. of California

185 SANTA CLARA WAY

Year	Uses	Source
1933	HUNT MARVIN C (GRACE) INS AGT H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1925	HUNT MARVIN C R	R. L. Polk & Co. of California
1920	HUNT MARVIN C R	R. L. Polk & Co. of California

188 SANTA CLARA WAY

Year	Uses	Source
1945	HOWATT SCOTT B R	The Pacific Telephone & Telegraph Co.
1938	HOWATT SCOTT B R	Pacific Telephone
1925	HOWATT SCOTT B R	R. L. Polk & Co. of California
1920	HARRIS ALMA G R	R. L. Polk & Co. of California

189 SANTA CLARA WAY

Year	Uses	Source
1928	3 J Wm slsmn Geo Gundlach R	R.L. Polk and Co of California
1925	DURRETTE E DAVIS R	R. L. Polk & Co. of California
1920	BURKE MISS L R	R. L. Polk & Co. of California

192 SANTA CLARA WAY

Year	Uses	Source
1938	REIER G H R	Pacific Telephone
1925	REIER G H R	R. L. Polk & Co. of California
1920	REIER G H R	R. L. Polk & Co. of California

195 SANTA CLARA WAY

Year	Uses	Source
1945	BOOTH JAMES W R	The Pacific Telephone & Telegraph Co.
1938	BOOTH JAMES W R	Pacific Telephone
1928	G Geo T Meta G estimator E A Duval H	R.L. Polk and Co of California
1925	WIELAND S M R	R. L. Polk & Co. of California
1920	SMITH FRANCIS R	R. L. Polk & Co. of California

196 SANTA CLARA WAY

Year	Uses	Source
1938	ROBERTSON JOHN G R	Pacific Telephone
	FROST DUDLEY W R	Pacific Telephone
1925	BIGGAM MRS J A R	R. L. Polk & Co. of California

198 SANTA CLARA WAY

Year	Uses	Source
1925	HERRICK DR F LESLIE R	R. L. Polk & Co. of California
1920	NEWSOM SIDNEY B R	R. L. Polk & Co. of California

FINDINGS

200 SANTA CLARA WAY

Year	Uses	Source
1950	MICKELSEN DOROTHY R	The Pacific Telephone & Telegraph Co.
1945	MICKELSEN DOROTHY R	The Pacific Telephone & Telegraph Co.
1938	MICKELSEN DOROTHY R	Pacific Telephone
1925	MICKELSEN ELLEN R	R. L. Polk & Co. of California
1920	MICKELSEN ELLEN R	R. L. Polk & Co. of California

210 SANTA CLARA WAY

Year	Uses	Source
1938	SCAFFE R L R	Pacific Telephone
1925	CUNEO E N R	R. L. Polk & Co. of California
1920	CUNEO E N R	R. L. Polk & Co. of California

211 SANTA CLARA WAY

Year	Uses	Source
1986	Powe Diane E	PACIFIC BELL WHITE PAGES
	Powell A G	PACIFIC BELL WHITE PAGES
	Powder Hound Ski Club	PACIFIC BELL WHITE PAGES
1938	REYNOLDS W F MRS R	Pacific Telephone
1925	MEACHAM DR S F R	R. L. Polk & Co. of California
1920	MEACHAM DR S F R	R. L. Polk & Co. of California

215 SANTA CLARA WAY

Year	Uses	Source
1938	EPPERSON HETTY R	Pacific Telephone
1920	HANNA HOWARD W R	R. L. Polk & Co. of California

217 SANTA CLARA WAY

Year	Uses	Source
1938	ARMSTEAD KATHRYN H R	Pacific Telephone
1925	BROWN D E R	R. L. Polk & Co. of California
1920	BELL JOHN P R	R. L. Polk & Co. of California

VERNON AVE

396 VERNON AVE

Year	Uses	Source
1950	RYDER ROSS H MRS R	The Pacific Telephone & Telegraph Co.

430 VERNON AVE

Year	Uses	Source
1950	JOHNSTOE ARCHIBALD H R	The Pacific Telephone & Telegraph Co.

438 VERNON AVE

Year	Uses	Source
1950	RANDOL NURSING HOME	The Pacific Telephone & Telegraph Co.

465 VERNON AVE

Year	Uses	Source
1950	WEITZER EVA MRS R	The Pacific Telephone & Telegraph Co.

473 VERNON AVE

Year	Uses	Source
1950	AUTIBREY L ELIZABETIS R	The Pacific Telephone & Telegraph Co.

477 VERNON AVE

Year	Uses	Source
1950	STEPHENSON MARGARET R	The Pacific Telephone & Telegraph Co.

478 VERNON AVE

Year	Uses	Source
1928	r Thos W Anna M rancher H	R.L. Polk and Co of California

502 VERNON AVE

Year	Uses	Source
1950	STEVENS LOUISE M R	The Pacific Telephone & Telegraph Co.

512 VERNON AVE

Year	Uses	Source
1970	LOUIS STEPHEN	Pacific Telephone and Telegraph Co

516 VERNON AVE

Year	Uses	Source
1965	FRADES BENI	R. L. Polk & Co.
1950	GROEGER MARIE MISS R	The Pacific Telephone & Telegraph Co.

VERNON CT

410 VERNON CT

Year	Uses	Source
1975	EVERIDGE BILL	Pacific Telephone

FINDINGS

415 VERNON CT

Year	Uses	Source
1975	GAINES GEO C JR	Pacific Telephone
	HARTLEY L	Pacific Telephone

425 VERNON CT

Year	Uses	Source
1950	WELSH JOE R	The Pacific Telephone & Telegraph Co.

429 VERNON CT

Year	Uses	Source
1950	BALL GRACE B R	The Pacific Telephone & Telegraph Co.

430 VERNON CT

Year	Uses	Source
1975	LAINE ROGER E	Pacific Telephone

438 VERNON CT

Year	Uses	Source
1975	JONES BURNEY W	Pacific Telephone
	DARDEN ARTHUR J JR	Pacific Telephone

448 VERNON CT

Year	Uses	Source
1975	KEYES THOS J	Pacific Telephone

478 VERNON CT

Year	Uses	Source
1928	r Martha wid Thos R	R.L. Polk and Co of California

500 VERNON CT

Year	Uses	Source
1975	JOHANSSON PAUL	Pacific Telephone
	HENDERSON A	Pacific Telephone

VERNON ST

390 VERNON ST

Year	Uses	Source
2006	FRAZIER Domrthy	Haines Company, Inc.
1996	SAEI LAUREL	PACIFIC BELL DIRECTORY

FINDINGS

392 VERNON ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.

396 VERNON ST

Year	Uses	Source
2006	QUISQUATER J	Haines Company, Inc.
	PRECKLER Mia	Haines Company, Inc.
2000	PRECKLER MIE	Pacific Bell
1996	PRECKLER MIE	PACIFIC BELL DIRECTORY
1992	PRECKLER MIE	PACIFIC BELL DIRECTORY
1967	WELLS CAROL J	R. L. Polk Co.
1962	Wells P D	Pacific Telephone
	Wallin Ella	Pacific Telephone

400 VERNON ST

Year	Uses	Source
1967	NIELSEN HARRY	R. L. Polk Co.

401 VERNON ST

Year	Uses	Source
2008	TL ENTERPRISES	Cole Information Services
2006	CARROLL Julian W	Haines Company, Inc.
	FEINBERS Seth	Haines Company, Inc.
	PAKJung W	Haines Company, Inc.
	PARRAngela	Haines Company, Inc.
2000	304 CARROLL JULIAN W	Pacific Bell
1996	204 AJIBIE AYNALEM	PACIFIC BELL DIRECTORY
	207 WATSON E I	PACIFIC BELL DIRECTORY
	304 CARROLL JULIAN W	PACIFIC BELL DIRECTORY
1992	102 GOODFRIENDS & ASSOCIATES	PACIFIC BELL DIRECTORY
	104 SMITH RONALD P	PACIFIC BELL DIRECTORY
	106 MITCHELL WM & HELAINE	PACIFIC BELL DIRECTORY
	203 KIMMEY ROBERT A	PACIFIC BELL DIRECTORY
	206 CUNNINGHAM ED	PACIFIC BELL DIRECTORY
	304 CARROLL JULIAN W	PACIFIC BELL DIRECTORY
1991	Goodfriends & Associates	PACIFIC BELL WHITE PAGES
	Goodhart B	PACIFIC BELL WHITE PAGES
	Goodhart Brad & Gabe	PACIFIC BELL WHITE PAGES
	Mitchell Wm & Helaine	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1967	STUMPF RUBY M MRS	R. L. Polk Co.
	PAYNE L	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	JOHNSON RALEIGH H	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	FERNANDEZ ALICE	R. L. Polk Co.
	BRIGLEB LARRY	R. L. Polk Co.
	BOHN JOHN	R. L. Polk Co.
	BORNCAMP MARGUERITE MRS	R. L. Polk Co.
	CASTRO KENNETH	R. L. Polk Co.
	FAGERLUND ROBERTA J	R. L. Polk Co.
	BELL LINDA M MRS MRS	R. L. Polk Co.
	CANCIMELEO VAL	R. L. Polk Co.
	CARDOZA PHYLLIS	R. L. Polk Co.
	MORTENSEN STEVEN R	R. L. Polk Co.
	SHERBOURNE JOHN D	R. L. Polk Co.
	KIRCHKESNER JOSEPH J	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	DERBY ARTH E JR	R. L. Polk Co.
	WIGHTMAN RUTH N	R. L. Polk Co.
	OHARE KATH	R. L. Polk Co.
	WORON PAUL	R. L. Polk Co.
	WOOD LLOYD E	R. L. Polk Co.
1962	Howard Frank	Pacific Telephone
1943	HOWARD Frank E Nora J slsmn h	R. L. Polk & Co.

402 VERNON ST

Year	Uses	Source
1967	AMSKOLD EMIL C	R. L. Polk Co.
	HAUGHTON FRED L	R. L. Polk Co.

403 VERNON ST

Year	Uses	Source
1967	GOEPPERT KARL T	R. L. Polk Co.

404 VERNON ST

Year	Uses	Source
2006	LANGNe OI	Haines Company, Inc.
	WALTER D	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	DOLCE Ronald	Haines Company, Inc.
2000	REAR WALTER D	Pacific Bell
1996	REAR WALTER D	PACIFIC BELL DIRECTORY
1967	BRODSKY VICTOR	R. L. Polk Co.
	SCHORER NELLIE	R. L. Polk Co.
1962	Schorer Nellie r	Pacific Telephone
1943	Wood Cyril Grace M USA h	R. L. Polk & Co.
	Schorer Nellie wid H h	R. L. Polk & Co.
	Moore Leona E Mrs slswn HCC Co r	R. L. Polk & Co.
	Fuchs Mary r	R. L. Polk & Co.

405 VERNON ST

Year	Uses	Source
2008	MCKINLEY APARTMENTS	Cole Information Services
2006	HUDNER Francis	Haines Company, Inc.
	CLARKDarde Se J	Haines Company, Inc.
1967	MUNZ GRANT C	R. L. Polk Co.
	SANDERSON RAY S	R. L. Polk Co.
1962	Jackson G W r	Pacific Telephone
1943	Gow Andw B clk h	R. L. Polk & Co.

406 VERNON ST

Year	Uses	Source
1967	PYLE EDW H	R. L. Polk Co.

407 VERNON ST

Year	Uses	Source
2006	HERNANDEZ Yulahila	Haines Company, Inc.
	TWESMEK	Haines Company, Inc.
2000	202 SORGEN VALERIE C	Pacific Bell
	203 MYLES ROBERT	Pacific Bell
	301 MBUGUA W BERNARD	Pacific Bell
	303 AUELUA TALA	Pacific Bell
	304 TOON KATHY	Pacific Bell
	305 CHOI JENNIFER J	Pacific Bell
1996	102 MCDONALD BARBARA A	PACIFIC BELL DIRECTORY
	301 MBUGUA W BERNARD	PACIFIC BELL DIRECTORY
1992	103 AUELUA TALA	PACIFIC BELL DIRECTORY
	201 STREICH A	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1967	GIMBAL RAYNOR E	R. L. Polk Co.
	TROPICANA APARTMENTS	R. L. Polk Co.
	NELSON EDWIN	R. L. Polk Co.
	WILEY WM W	R. L. Polk Co.
	OWNERS JOHN M	R. L. Polk Co.
	MC PHEE DONALD J	R. L. Polk Co.
	ANDERSON PAUL V	R. L. Polk Co.
	AMATO ROSE P	R. L. Polk Co.
	LIGDA AGNES E MRS	R. L. Polk Co.
	WYNN A J	R. L. Polk Co.
	KINCAID VICTOR E	R. L. Polk Co.
	LOFTIN M J	R. L. Polk Co.
	OSOFFSKY SAM	R. L. Polk Co.
	TINNELL DOROTHY E MRS	R. L. Polk Co.
	RICHERT WESLEY E	R. L. Polk Co.
	WIRTH LOUIS C	R. L. Polk Co.
	BAILEY JAMES V	R. L. Polk Co.
1962	Canty T	Pacific Telephone
	Corlett Lettie H	Pacific Telephone
	Dechant Richard	Pacific Telephone
	Hallauer E B	Pacific Telephone
	James Rheta K	Pacific Telephone
	Johnson Alna L	Pacific Telephone
	Norton Frederick C	Pacific Telephone
	Osoffsky Sam	Pacific Telephone
	Snyder Richard F	Pacific Telephone
	Tinneli D E	Pacific Telephone
	Wiley Wm W Sr	Pacific Telephone
1943	Richardson Alice Mrs r	R. L. Polk & Co.
	Scott Alf Mabel mech h	R. L. Polk & Co.
	Shelly Anita M nurse E L Laisne r	R. L. Polk & Co.
	Sloper Bert Eleanor steward h	R. L. Polk & Co.

408 VERNON ST

Year	Uses	Source
1967	SNEERINGER DOROTHY E MRS	R. L. Polk Co.

FINDINGS

410 VERNON ST

Year	Uses	Source
2008	METRIC SOUND DESIGN	Cole Information Services
2006	KALISKI Paoick	Haines Company, Inc.
1996	TYNAN DANIEL	PACIFIC BELL DIRECTORY
1967	NOTHHOFF ARTH P S	R. L. Polk Co.
1962	Notthoff A P r	Pacific Telephone
1943	Notthoff Arth P Adele ins agt h	R. L. Polk & Co.
	Crist Ettie wid R F r	R. L. Polk & Co.

414 VERNON ST

Year	Uses	Source
2006	PINKHAMTimothy	Haines Company, Inc.
1967	FLINT RUSSELL	R. L. Polk Co.
	DAPPER EARLE P	R. L. Polk Co.
1962	Ferranti A J	Pacific Telephone
1943	Steele Charlotte K wid W J h	R. L. Polk & Co.

415 VERNON ST

Year	Uses	Source
2006	TILLMAN Patric Ia	Haines Company, Inc.
2000	2 MILLER JUDY	Pacific Bell
1992	4 YOUNG B J	PACIFIC BELL DIRECTORY
1967	SILVERIA ALBERT C	R. L. Polk Co.
1962	Silveria A C	Pacific Telephone
	Godske Sharon	Pacific Telephone
1943	Dobrzensky Milton W Winifred D Fitzgerald Abbott & Beardsley Attorney at Law h	R. L. Polk & Co.
	Dobrzensky Eliz A clk r	R. L. Polk & Co.
	Dobrzensky Stacy H USN r	R. L. Polk & Co.

418 VERNON ST

Year	Uses	Source
2006	GOODMAMJ	Haines Company, Inc.
	RICASAJordan A	Haines Company, Inc.
2000	1 HAILE NEGASH B	Pacific Bell
	2 TSEGAI FESSHAYE	Pacific Bell
	5 ISAK YODIT	Pacific Bell
	11 LUCAS MAGKDA J	Pacific Bell
1996	4 GUTIERREZ RUBEN P	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1996	6 UZOZIE BEN	PACIFIC BELL DIRECTORY
	7 CHEN LISHAN	PACIFIC BELL DIRECTORY
	11 CORN JOHNNY B JR	PACIFIC BELL DIRECTORY
1992	WEST L	PACIFIC BELL DIRECTORY
	4 GUTIERREZ RUBEN P	PACIFIC BELL DIRECTORY
1991	Benavides Franciscojavier	PACIFIC BELL WHITE PAGES
	Benavides Jorge	PACIFIC BELL WHITE PAGES
	Benavldez Andrea	PACIFIC BELL WHITE PAGES
1967	VACANT	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	I BOWAN MIKE	R. L. Polk Co.
	TURNER CHARLOTTE	R. L. Polk Co.
	PHILLIPS CLARENCE	R. L. Polk Co.
	HOBBS RICHD E	R. L. Polk Co.
	MULHOLAND MICHL W	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	ADAMSON WAYNE K	R. L. Polk Co.
	UNDERSTILLER RICHD	R. L. Polk Co.
1962	Clift Ed	Pacific Telephone
	Clift Esther	Pacific Telephone
	Fellman Alvin E	Pacific Telephone
	Hinman Stan H	Pacific Telephone
	Lovig David H	Pacific Telephone
	Martin J Robt	Pacific Telephone
	Parkinson Chandler	Pacific Telephone
	Sievers Donald E	Pacific Telephone
	Sievers Kathryn	Pacific Telephone
	Wickham Robt A	Pacific Telephone
1943	Hook Genevieve P wid W L h	R. L. Polk & Co.
	Breck Elinor wid Jas r	R. L. Polk & Co.

419 VERNON ST

Year	Uses	Source
2006	MILLER Wayne 00 a	Haines Company, Inc.
2000	IRISH NORTHERN AID	Pacific Bell
1967	NELKI FRANK E	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1962	Nelki Francois	Pacific Telephone
1943	Lehe Eug E Eliz P USA r	R. L. Polk & Co.
	Waterman Grace G socwkr Co Hosp h	R. L. Polk & Co.
	Kerr J Luella librn Merritt Hosp r	R. L. Polk & Co.

422 VERNON ST

Year	Uses	Source
2006	CHOI Julius T	Haines Company, Inc.
2000	MAGANA JUSTIN D	Pacific Bell
1967	WAHLBERG MILTON	R. L. Polk Co.
1943	Francis Herbt F Ethel B pntr HACo h	R. L. Polk & Co.
	Lambert Hazel M wid Wm fctywkr r	R. L. Polk & Co.

423 VERNON ST

Year	Uses	Source
2006	GUM Peter	Haines Company, Inc.
1992	MOSER DEAN	PACIFIC BELL DIRECTORY
1967	TALBERT GARY L	R. L. Polk Co.
1962	Scott Aurelia F	Pacific Telephone
1943	JOHNSTON Wallace L Pearl B stylist HCC Co h	R. L. Polk & Co.

424 VERNON ST

Year	Uses	Source
1967	SAROYAN CONSTANCE E MRS	R. L. Polk Co.
1962	Saroyan Constance E r	Pacific Telephone
1943	Slater Henry J Juanita M pipeftr h	R. L. Polk & Co.

425 VERNON ST

Year	Uses	Source
2008	LATINO COMMISSION ON ALCOHOL A	Cole Information Services
2006	RECOVERYHOME	Haines Company, Inc.
	RECOVERY HOME	Haines Company, Inc.
	EL CHANTE	Haines Company, Inc.
	ELCHANTE MEN	Haines Company, Inc.
2000	EL CHANTE-RECOVERY HOME	Pacific Bell
	NARCOTICS EDCTN LEAGUE	Pacific Bell
	MARCOTICS EDUCATION LEAGUE INC	Pacific Bell
1996	NARCOTICS EDUCATION LEAGUE INC-NEL	PACIFIC BELL DIRECTORY
1967	SMITH QARLINE D	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	PRICE HELEN E MRS	R. L. Polk Co.
1962	Bako John	Pacific Telephone
	Bagley Dean V	Pacific Telephone
1943	Gamble Chas K Vida r	R. L. Polk & Co.
	Kenniston Georgia Mrs r	R. L. Polk & Co.
	Mc DONALD Lillian wid G E h	R. L. Polk & Co.

429 VERNON ST

Year	Uses	Source
2006	FJELLAND Mala	Haines Company, Inc.
	MCFARLAND Alana L	Haines Company, Inc.
	SEBLEGA Kirubel	Haines Company, Inc.
	Kassa	Haines Company, Inc.
2000	6 FLORES GERMAN	Pacific Bell
1996	8 KRIENS JOHN	PACIFIC BELL DIRECTORY
1992	1 WALTER D	PACIFIC BELL DIRECTORY
	3 DE POE T S	PACIFIC BELL DIRECTORY
	6 CHUCKWU IFY	PACIFIC BELL DIRECTORY
1967	APARTMENTS	R. L. Polk Co.
	DE CORY LEROY F	R. L. Polk Co.
	NO RETURN	R. L. Polk Co.
	JACKMAN CHRISTINE	R. L. Polk Co.
	LAUREN ROBERTA J	R. L. Polk Co.
	WHIPPLE GAYLORD C JR	R. L. Polk Co.
1962	Bolton J J	Pacific Telephone
	Mc Swain Harold	Pacific Telephone
	Schoenfeld Norman	Pacific Telephone
	Sibbring Jas E	Pacific Telephone
	Veideman Ed	Pacific Telephone
1943	GROVE Jean P slswn Smith Bros r	R. L. Polk & Co.
	GROVE John H h	R. L. Polk & Co.
	Patt Bernard Doris mech h	R. L. Polk & Co.
	Weldgen Raymond M Ruth N rigger h	R. L. Polk & Co.

430 VERNON ST

Year	Uses	Source
2008	KATHLEEN LOSCOCCO	Cole Information Services
2006	WONDEM Seble	Haines Company, Inc.
	BARNESLeah	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	HOOPERStepharia	Haines Company, Inc.
	LOSOCOCCO	Haines Company, Inc.
	Kathleen	Haines Company, Inc.
2000	HOOPER STEPHANIE	Pacific Bell
	4 SARDANHA JOAO G	Pacific Bell
	7 PAPKE MITCHELL	Pacific Bell
1996	6 CHIFFA FITSUM	PACIFIC BELL DIRECTORY
	9 DABROWSKI IRENE	PACIFIC BELL DIRECTORY
1992	1 KELLER CHARLES DR MR & MRS	PACIFIC BELL DIRECTORY
	4 MORALES R	PACIFIC BELL DIRECTORY
	5 DABROWSKI IRENE	PACIFIC BELL DIRECTORY
1967	APARTMENTS	R. L. Polk Co.
	I GOMES JUANITA W MRS	R. L. Polk Co.
	PRITCHETT CHARLES	R. L. Polk Co.
	SEMPLE DAVID H	R. L. Polk Co.
	COSTA DAVID	R. L. Polk Co.
	MOORE D EDW	R. L. Polk Co.
	HAGEN LINDA MRS	R. L. Polk Co.
	MACKEY BILLY E	R. L. Polk Co.
	JONES J HILTON	R. L. Polk Co.
	CALHOUN RICHD	R. L. Polk Co.
	CALDERON SHIPLEY D	R. L. Polk Co.
	OARABIN NASSER	R. L. Polk Co.
	GOLDMAN PHILIP	R. L. Polk Co.
1962	Blaydes Louis L	Pacific Telephone
	Flower D Gene	Pacific Telephone
	Moxon E D Mrs	Pacific Telephone
	Pelletier Herigault	Pacific Telephone
1943	Trinies Ruth H clk MW&Co h	R. L. Polk & Co.

431 VERNON ST

Year	Uses	Source
1943	Quinlan Sherman L Borghild USN h	R. L. Polk & Co.
	Mc Phun Jeanette A h	R. L. Polk & Co.

435 VERNON ST

Year	Uses	Source
2006	DOTSONWV/e	Haines Company, Inc.
2000	1 SNIDER STEPHAN H	Pacific Bell

FINDINGS

Year	Uses	Source
2000	3 KING L	Pacific Bell
1996	3 KING L	PACIFIC BELL DIRECTORY
1992	3 CREIGHTON ALLAN	PACIFIC BELL DIRECTORY
1967	REBALDO ISIDRO R	R. L. Polk Co.
	BACUS JERRY	R. L. Polk Co.
1962	Richert Siegfried	Pacific Telephone
	Lucas Peter	Pacific Telephone
	Frisby Ray	Pacific Telephone
1943	Swanson John Genevieve mstr mariner h	R. L. Polk & Co.

438 VERNON ST

Year	Uses	Source
2006	APARTMENTS	Haines Company, Inc.
	ALSTON Comelia	Haines Company, Inc.
	GREEN Me Onna	Haines Company, Inc.
	HAIFLUiker	Haines Company, Inc.
	SCHROEDER	Haines Company, Inc.
	HUdegarde	Haines Company, Inc.
	WALKERW	Haines Company, Inc.
2000	105 SCOTT JEREMIAH L	Pacific Bell
	202 CLARK PAMELA L	Pacific Bell
	203 WALKER WM H	Pacific Bell
	305 KARANJA TABITHA C	Pacific Bell
1996	203 WALKER WM H	PACIFIC BELL DIRECTORY
	205 GROSS TONJA	PACIFIC BELL DIRECTORY
	306 WILLIAMS WANDA	PACIFIC BELL DIRECTORY
1992	107 COLEMAN VERNICE	PACIFIC BELL DIRECTORY
	203 WALKER WM H	PACIFIC BELL DIRECTORY
	306 GARDNER E J	PACIFIC BELL DIRECTORY
1986	Miller M	PACIFIC BELL WHITE PAGES
	Miller M C	PACIFIC BELL WHITE PAGES
1967	MOSTER JERRY	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	LORD JANE	R. L. Polk Co.
	HADDEN WEBB C	R. L. Polk Co.
	NEWSTROM JOHN J	R. L. Polk Co.
	HALL C ROBT	R. L. Polk Co.
	POPPER STANLEY	R. L. Polk Co.
	NERAJO ANNA MAE	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1967	SOLDIVAR RUDOLPH	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	CLARK ALEX	R. L. Polk Co.
	SONGER R N	R. L. Polk Co.
	DAVIS HELEN MRS	R. L. Polk Co.
	PLUNKETT JOHN N	R. L. Polk Co.
	JAMES BARBARA MRS	R. L. Polk Co.
	ARMAN VAN	R. L. Polk Co.
	WILLIAMS WM	R. L. Polk Co.
	GRAHAM GORDON	R. L. Polk Co.
	PHILLIPS DON W	R. L. Polk Co.
	ARAGON WM	R. L. Polk Co.
	BONATO PAUL	R. L. Polk Co.
1962	Celestre Catherine D	Pacific Telephone
	Celestre Ralph G Jr	Pacific Telephone
	Finsthwait Donald M	Pacific Telephone
	Jones Jas H	Pacific Telephone
	Justice Carol M	Pacific Telephone
	Kopp Marilyn A	Pacific Telephone
	Lamski Eugene R	Pacific Telephone
	Langer Jack A	Pacific Telephone
	Meeks Wm A	Pacific Telephone
	Mukhar K Sam	Pacific Telephone
	Nietzel Joe	Pacific Telephone
	Salome E M	Pacific Telephone
	Sconyers Richard C Mrs	Pacific Telephone
	Serrette Martha	Pacific Telephone
1943	MIDDLETON Myrtle A Mrs clk r	R. L. Polk & Co.
	Randol Nelson W Mabel A nurse h	R. L. Polk & Co.
	Story Mae wid Wm r	R. L. Polk & Co.
	Wilson Cheo Mrs r	R. L. Polk & Co.

455 VERNON ST

Year	Uses	Source
1943	Mills Nellie A r	R. L. Polk & Co.
	Hunt Eloise M Mrs h	R. L. Polk & Co.
	Hunt Bonnie clk r	R. L. Polk & Co.

FINDINGS

460 VERNON ST

Year	Uses	Source
1943	Rose Alf Mildred mech h	R. L. Polk & Co.
	Thomas Wm I Mabel pile driver h	R. L. Polk & Co.
	Noonan John G Zelda M h	R. L. Polk & Co.
	MORAN Chas Charlotte h	R. L. Polk & Co.
	Heffron Emma Mrs h	R. L. Polk & Co.
	Hanna Kath wid F W nurse h	R. L. Polk & Co.

461 VERNON ST

Year	Uses	Source
1943	Droste Henry F h	R. L. Polk & Co.
	Van Dyke Marguerite F h	R. L. Polk & Co.

464 VERNON ST

Year	Uses	Source
1943	Reynolds Glen W jr USA r	R. L. Polk & Co.
	Reynolds Guy D Ruby h	R. L. Polk & Co.

465 VERNON ST

Year	Uses	Source
1943	West Hallie Mrs r	R. L. Polk & Co.
	Ward Brainard Ethel Mrs r	R. L. Polk & Co.
	Nichols Edna V wid Chester h	R. L. Polk & Co.
	Shipley Robt Verna USA h	R. L. Polk & Co.
	OLSON Helen B Mrs asst cash C CBCo r	R. L. Polk & Co.
	Humphrey Nan Mrs r	R. L. Polk & Co.
	BRAINARD Ethel V Mrs dept mgr HCCCo r	R. L. Polk & Co.
	BENNETT Wm S Jessie W h	R. L. Polk & Co.
	SNYDER Josephine Mrs r	R. L. Polk & Co.

468 VERNON ST

Year	Uses	Source
1943	Hotaling Earl D Isobel D USA r	R. L. Polk & Co.
	Hempseed Wm H Margt D h	R. L. Polk & Co.
	Corby Mark mach r	R. L. Polk & Co.
	Cantrell Dorothy Mrs cond r	R. L. Polk & Co.
	Bonetti Buster r	R. L. Polk & Co.
	Sobek Thelma slswn r	R. L. Polk & Co.
	Smith Walter Mabel h	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1943	Panas Wm r	R. L. Polk & Co.
	Mentz Howard dentist r	R. L. Polk & Co.
	Mc Cullough Charlotte beauty opr r	R. L. Polk & Co.
	Ingalls Peggy solr Volunteers of Am r	R. L. Polk & Co.
	Thill Mathew W osteo r	R. L. Polk & Co.

470 VERNON ST

Year	Uses	Source
2006	BULLOCK Lany	Haines Company, Inc.
1992	2 HOLCOMBE K	PACIFIC BELL DIRECTORY
1967	POISE JOHN H	R. L. Polk Co.

472 VERNON ST

Year	Uses	Source
1943	Wissman Katharine Herman r	R. L. Polk & Co.
	Yoakum Finis E Wilhelmine h	R. L. Polk & Co.
	Yoakum Wilhelmine W Mrs exec sec International Institute of Ala Co r	R. L. Polk & Co.
	Haupt Nellie hskpr	R. L. Polk & Co.
	Heringer Jas T Kath Y USA r	R. L. Polk & Co.

473 VERNON ST

Year	Uses	Source
1943	Hootman D C mech h	R. L. Polk & Co.
	Gluck Dorothea wid Hugo h	R. L. Polk & Co.
	Richou Martin A Arlene h	R. L. Polk & Co.
	Rice Minnie Mrs clk r	R. L. Polk & Co.

475 VERNON ST

Year	Uses	Source
1943	GIBSON Dorothea M nurse r	R. L. Polk & Co.
	Rich Kath r	R. L. Polk & Co.

477 VERNON ST

Year	Uses	Source
1943	Tyler Wm r	R. L. Polk & Co.
	Stone Dorothy C r	R. L. Polk & Co.
	GUSTAVSON Frank r	R. L. Polk & Co.
	BROWN Francis r	R. L. Polk & Co.

FINDINGS

478 VERNON ST

Year	Uses	Source
2006	o FEDERICONI Carlo	Haines Company, Inc.
2000	5 MOORE LAGRANT	Pacific Bell
1992	5 HOLLOWAY SIDNEY	PACIFIC BELL DIRECTORY
	3 FORNEY L	PACIFIC BELL DIRECTORY
1991	Huang Robert Zhi Qing	PACIFIC BELL WHITE PAGES
	Huang Richard	PACIFIC BELL WHITE PAGES
1967	PETERS GERTRUDE L MRS	R. L. Polk Co.
	JIMNO EDITH	R. L. Polk Co.
	BARUCH MARCEL	R. L. Polk Co.
1962	Jensen Patricia	Pacific Telephone
	Jensen Harley	Pacific Telephone
	Dayley Margaret	Pacific Telephone
1943	Reed Stanley V h	R. L. Polk & Co.
	JENSEN Victor E Mary E auto repr h	R. L. Polk & Co.
	Brescia Bianca h	R. L. Polk & Co.

488 VERNON ST

Year	Uses	Source
1943	Lennon Arth W r	R. L. Polk & Co.

500 VERNON ST

Year	Uses	Source
2008	PROJECT J	Cole Information Services
	ASCENT TUTORIAL	Cole Information Services
	JOHN OMARA CONSTRUCTION	Cole Information Services
	CERES PSYCHOLOGICAL SERVICES	Cole Information Services
	5OO VERNON CONDOMINIUM ASSOCIATION	Cole Information Services
2006	VERNON GARDNS CONDO	Haines Company, Inc.
	VERNON	Haines Company, Inc.
	ABDUL ALIM Kamal	Haines Company, Inc.
	e ALLEN Cyril	Haines Company, Inc.
	AUSTINTerry	Haines Company, Inc.
	BAUTi ISTAMichelle	Haines Company, Inc.
	BEIRNESDerdae	Haines Company, Inc.
	BOWEN Elzabeth	Haines Company, Inc.
	BROWN Etta K	Haines Company, Inc.
	BURKS WICKS Carta	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	CARPINO Crysta	Haines Company, Inc.
	CHANG Joyce	Haines Company, Inc.
	e CHOSharon	Haines Company, Inc.
	COLLINS Miche Ie	Haines Company, Inc.
	e CRAWFORD Marowe	Haines Company, Inc.
	DAYA Michael	Haines Company, Inc.
	DIAZM	Haines Company, Inc.
	DORFMAN Ronald	Haines Company, Inc.
	e FANGIna	Haines Company, Inc.
	o FOUCHER Cynthia	Haines Company, Inc.
	FUKUMOTOAA	Haines Company, Inc.
	GARIBALDI Jas A	Haines Company, Inc.
	e GOLDMAN Usa	Haines Company, Inc.
	HASYCHAK	Haines Company, Inc.
	Elizabeth	Haines Company, Inc.
	HESSE Karen	Haines Company, Inc.
	OHO Chungto	Haines Company, Inc.
	HUANG Francolse	Haines Company, Inc.
	JUNGo Jennifer D	Haines Company, Inc.
	KAHN Nathan	Haines Company, Inc.
	KAUFMAN David	Haines Company, Inc.
	KROUCHChvivy	Haines Company, Inc.
	o LEE Joarnna	Haines Company, Inc.
	LENCLJoren	Haines Company, Inc.
	II 1 LEVYMiri	Haines Company, Inc.
	9 LEWISJoanne	Haines Company, Inc.
	U Ku I	Haines Company, Inc.
	LOPEZ FLORES	Haines Company, Inc.
	Beatriz	Haines Company, Inc.
	MCMONAGLE Joseph	Haines Company, Inc.
	MEYER Donald	Haines Company, Inc.
	MILAM Terny	Haines Company, Inc.
	o MILUNGTON Peter	Haines Company, Inc.
	e MINTZ Uncoln	Haines Company, Inc.
	MOORE Robert	Haines Company, Inc.
	e MURVIN H	Haines Company, Inc.
	OMARAJohn	Haines Company, Inc.
	PARK Alice	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	PATELKIran	Haines Company, Inc.
	PEOPLEST	Haines Company, Inc.
	POWELL Julia	Haines Company, Inc.
	RICHARDS J Michael	Haines Company, Inc.
	RODRIGUEZ LARR	Haines Company, Inc.
	Maria	Haines Company, Inc.
	e SAUNDERS	Haines Company, Inc.
	Theresa	Haines Company, Inc.
	SEIBERTJef ISy B	Haines Company, Inc.
	o SIMS Andre	Haines Company, Inc.
	SLATER Florence	Haines Company, Inc.
	SOLTYS Pavel	Haines Company, Inc.
	SOMERVILLE Susan	Haines Company, Inc.
	SUMMARIA Daniel	Haines Company, Inc.
	SURGERS Brenda J	Haines Company, Inc.
	TSAI Anne	Haines Company, Inc.
	VALVA Annie	Haines Company, Inc.
	WALKER Edward T	Haines Company, Inc.
	WHITNEY Patricia	Haines Company, Inc.
	WICKS Kenneth	Haines Company, Inc.
	o WONG Sharon	Haines Company, Inc.
2000	101 LUNA REUBEN E	Pacific Bell
	104 MILAM TERRY	Pacific Bell
	105 DUFFY CAROLYN N	Pacific Bell
	107 VALAITIS RIMAS P	Pacific Bell
	108 SOLTYS PAVEL	Pacific Bell
	109 HUNTER W T & J W	Pacific Bell
	113 BROWN ETTA K	Pacific Bell
	205 SURGERS BRENDA J	Pacific Bell
	208 GORDON M B	Pacific Bell
	217 WILLIGES CHRIS	Pacific Bell
	218 TORRISON J	Pacific Bell
	220 ROSEMAR MARY	Pacific Bell
	301 LEWIS JOHN & JOANNE	Pacific Bell
	302 MILLER SAML E	Pacific Bell
	303 WALKER EDWARD T	Pacific Bell
	309 MILLER JOHN F & GABRIELLE M	Pacific Bell
	309 MILLER JOHN F & GABRIELLE M	Pacific Bell

FINDINGS

Year	Uses	Source
2000	311 GOLDSTEIN IAN	Pacific Bell
	312 SIMS ANDRE	Pacific Bell
	313 HO CHISING	Pacific Bell
	315 KAWAHARA AVIS	Pacific Bell
	402 DANTON J PERIAM PROF	Pacific Bell
	VERNON CONDOMINIUM ASSN	Pacific Bell
1996	402 DANTON J PERIAM PROF	PACIFIC BELL DIRECTORY
	403 SADAUSKY MARK & SHERRY	PACIFIC BELL DIRECTORY
	VERNON CONDOMINIUM ASSN	PACIFIC BELL DIRECTORY
	104 MILAM TERRY	PACIFIC BELL DIRECTORY
	105 STONE M	PACIFIC BELL DIRECTORY
	106 RIDOUT JOHN A	PACIFIC BELL DIRECTORY
	107 VALAITIS RIMAS P	PACIFIC BELL DIRECTORY
	108 MARISCAL FRANCISCO	PACIFIC BELL DIRECTORY
	108 SOLTYS PAVEL	PACIFIC BELL DIRECTORY
	109 HUNTER W T & J W	PACIFIC BELL DIRECTORY
	119 WOLF BEVELYN	PACIFIC BELL DIRECTORY
	202 NEWMAN MOLLY	PACIFIC BELL DIRECTORY
	205 SURGERS BRENDA J	PACIFIC BELL DIRECTORY
	206 KUAN MARINA	PACIFIC BELL DIRECTORY
	208 GORDON M B	PACIFIC BELL DIRECTORY
	218 TORRISON J	PACIFIC BELL DIRECTORY
	301 LEWIS JOHN & JOANNE	PACIFIC BELL DIRECTORY
	302 MILLER SAML E	PACIFIC BELL DIRECTORY
	311 ROODKOWSKY T	PACIFIC BELL DIRECTORY
	312 SIMS ANDRE	PACIFIC BELL DIRECTORY
	315 KAWAHARA AVIS	PACIFIC BELL DIRECTORY
1992	302 MILLER SAML E	PACIFIC BELL DIRECTORY
	312 SIMS ANDRE	PACIFIC BELL DIRECTORY
	313 THOMPSON K	PACIFIC BELL DIRECTORY
	315 KAWAHARA AVIS	PACIFIC BELL DIRECTORY
	402 DANTON J PERIAM PROF	PACIFIC BELL DIRECTORY
	403 FITCH PAMELA	PACIFIC BELL DIRECTORY
	VERNON CONDOMINIUM ASSN	PACIFIC BELL DIRECTORY
	104 MILAM TERRY	PACIFIC BELL DIRECTORY
	106 RIDOUT JOHN A	PACIFIC BELL DIRECTORY
	107 VALAITIS RIMAS P	PACIFIC BELL DIRECTORY
	108 MARISCAL FRANCISCO	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1992	108 SOLTYS PAVEL	PACIFIC BELL DIRECTORY
	109 HUNTER W T & J W	PACIFIC BELL DIRECTORY
	111 HERTZOG S	PACIFIC BELL DIRECTORY
	119 WOLF BEVELYN	PACIFIC BELL DIRECTORY
	202 ROSE BILL	PACIFIC BELL DIRECTORY
	205 SURGERS BRENDA J	PACIFIC BELL DIRECTORY
	206 KUAN MARINA	PACIFIC BELL DIRECTORY
	208 GORDON M B	PACIFIC BELL DIRECTORY
	209 THOMPSON LOIS	PACIFIC BELL DIRECTORY
	210 VLUG HANS	PACIFIC BELL DIRECTORY
	216 BATTLE GREGORY	PACIFIC BELL DIRECTORY
	218 TORRISON J	PACIFIC BELL DIRECTORY
	219 JOHANSSON P	PACIFIC BELL DIRECTORY
	220 RICKETTS RICHARD	PACIFIC BELL DIRECTORY
	301 LEWIS JOHN & JOANNE	PACIFIC BELL DIRECTORY
1991	Hunter W T & J W	PACIFIC BELL WHITE PAGES
1986	Schoonmaker Joy Bayan	PACIFIC BELL WHITE PAGES
	Taylor Kelvin	PACIFIC BELL WHITE PAGES
	Vignoles Mark & Mary	PACIFIC BELL WHITE PAGES
	Vigo A W Jr	PACIFIC BELL WHITE PAGES

502 VERNON ST

Year	Uses	Source
1967	MOORE A	R. L. Polk Co.
	WARTENBERG DAVID J	R. L. Polk Co.
	JOLLY HELGA J	R. L. Polk Co.
1962	Distelrath Guenther	Pacific Telephone
	Kornfeld Max	Pacific Telephone
	Abate Claire A Mrs	Pacific Telephone
1943	Stanton W F h	R. L. Polk & Co.
	Hollingsworth Jean Mrs h	R. L. Polk & Co.
	Hollingsworth Luther Tiny L mech h	R. L. Polk & Co.
	Keef J N h	R. L. Polk & Co.
	Hurd Mary Mrs h	R. L. Polk & Co.

505 VERNON ST

Year	Uses	Source
1967	DEAZ JOHN D	R. L. Polk Co.

FINDINGS

Year	Uses	Source
1943	Bradley John L Louise S mgr S H Kress & Co h	R. L. Polk & Co.

506 VERNON ST

Year	Uses	Source
1967	ROLLINS CAROL TURTCHELL B E	R. L. Polk Co.
1962	Sherwood Bill	Pacific Telephone
	Smithwick Stuart	Pacific Telephone
	Jones Geraldine	Pacific Telephone
	Jones R L	Pacific Telephone
1943	OConnor Lela Mrs h	R. L. Polk & Co.
	Hunt Grace E Mrs h	R. L. Polk & Co.

510 VERNON ST

Year	Uses	Source
1967	VACANT	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	I FALLO CHARLES A	R. L. Polk Co.
	MONTGOMERY HELEN M MRS	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	SALAMATIAN JIM	R. L. Polk Co.
	BLAKELEY ELLWORTH	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	ROLLINS CLEORA W MRS	R. L. Polk Co.
	VACANT	R. L. Polk Co.
1962	Onkels Jerry	Pacific Telephone
	Onkels Barbara	Pacific Telephone
	North Wm D	Pacific Telephone
	Dale John H	Pacific Telephone
	Blandy John F	Pacific Telephone
1943	Owens John P Jacqueline clk h	R. L. Polk & Co.
	Owens Jacqueline Mrs sten Pub Sch r	R. L. Polk & Co.

515 VERNON ST

Year	Uses	Source
2006	APARTMENTS	Haines Company, Inc.
	CLARK Rebecca	Haines Company, Inc.
	POTTERBIII	Haines Company, Inc.
	STEVENSJam Ie	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2006	WALLACE Razld I	Haines Company, Inc.
	WHIETAndre	Haines Company, Inc.
2000	101 WULFERT MELISSA T	Pacific Bell
	103 WHITE ANDRE	Pacific Bell
	203 HIGGINS KEITH	Pacific Bell
1996	103 WHITE ANDRE	PACIFIC BELL DIRECTORY
	202 HOLTZ OCEIA	PACIFIC BELL DIRECTORY
1967	APARTMENTS	R. L. Polk Co.
	MAPPLEBECK LE ROY	R. L. Polk Co.
	MOORE LYNNE MRS	R. L. Polk Co.
	WRUBLESKI TEAGUE	R. L. Polk Co.
	MILLER H	R. L. Polk Co.
	VACANT	R. L. Polk Co.
	FRITSCHI JOHN R	R. L. Polk Co.
	CURKOVIC SLAVKO E	R. L. Polk Co.
	OLSON SAUVAIN	R. L. Polk Co.
	COWIE T R	R. L. Polk Co.
	MOBERLY MICHL G	R. L. Polk Co.
	FERNBACH FREDK G	R. L. Polk Co.
1962	Petersen Christian A	Pacific Telephone
1943	Flash Thos F r	R. L. Polk & Co.
	Jewell Lucien M Lillian inspr OPD h	R. L. Polk & Co.

516 VERNON ST

Year	Uses	Source
1967	ZANGER ALAN M	R. L. Polk Co.
	HOWARD BILLY J	R. L. Polk Co.
	I OLSON G ALBERT	R. L. Polk Co.
	APARTMENTS	R. L. Polk Co.
	WEBER HENRI	R. L. Polk Co.
1962	Hammill M L	Pacific Telephone
	Jones Henry A	Pacific Telephone
	Olson Garfield S	Pacific Telephone
1943	JOHNSTON David N Eve h	R. L. Polk & Co.
	JENSEN Earle M Jean B clk h	R. L. Polk & Co.
	Cardoza Wm M Doris R shipftr h	R. L. Polk & Co.
	Blacow Helen L h	R. L. Polk & Co.

520 VERNON ST

Year	Uses	Source
1943	CONNOLLY Etta Mrs sten Golden West Bldg and Loan Co h	R. L. Polk & Co.

521 VERNON ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc.
2000	MALKO J	Pacific Bell
1967	MOAR FRANCIS H MRS	R. L. Polk Co.
1962	Waldron Muriel Mrs	Pacific Telephone
1943	LEACH Harry E jr Harriet A shipftr h	R. L. Polk & Co.
	Oliver Edw R phonograph records r	R. L. Polk & Co.

VERNON TER

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Year	Uses	Source
1991	Preckler Mie	PACIFIC BELL WHITE PAGES
	Quisquater J	PACIFIC BELL WHITE PAGES
1986	Wells P D	PACIFIC BELL WHITE PAGES
1980	Wells P D	Pacific Telephone
1970	WELLS P D	Pacific Telephone Directory
1955	WELLS P D	The Pacific Telephone & Telegraph Co.
	LORING LURA M	The Pacific Telephone & Telegraph Co.
1945	RYDER ROSS H MRS R	The Pacific Telephone & Telegraph Co.
1938	ADAMS NOAH MRS R	Pacific Telephone
1933	ADAMS NOAH (MABEL) PRES NOAH ADAMS LBR CO H	R. L. Polk & Co.
1928	man Noah Mabel pros Noah Adams Lmbr Co H	R.L. Polk and Co of California
1925	ADAMS NOAH R	R. L. Polk & Co. of California
1920	ADAMS NOAH R	R. L. Polk & Co. of California

401 VERNON TER

Year	Uses	Source
1991	Bailey Rex H	PACIFIC BELL WHITE PAGES
	Carroll Julian W	PACIFIC BELL WHITE PAGES
	Kushner Larry J	PACIFIC BELL WHITE PAGES
1986	Bailey Rex H	PACIFIC BELL WHITE PAGES
	Gin Raymond	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Kellogg Roger	PACIFIC BELL WHITE PAGES
	Rosser BW	PACIFIC BELL WHITE PAGES
	Rowley Dana P	PACIFIC BELL WHITE PAGES
1980	Coleman Stan	Pacific Telephone
	Hensley L	Pacific Telephone
	Martin Terry & J	Pacific Telephone
	Small Robt	Pacific Telephone
	Gould Jim	Pacific Telephone
1975	FUNG GEO	Pacific Telephone
	MORGAN STEPHEN P	Pacific Telephone
1970	ALEXANDER N C	Pacific Telephone Directory
	BOCIAN MANFRED	Pacific Telephone Directory
	CARVALHO S J	Pacific Telephone Directory
	FAGERLUND R J	Pacific Telephone Directory
	GOASLIND C J	Pacific Telephone Directory
	KOHL THOS F	Pacific Telephone Directory
	MCKNIGHT EDOUARD B	Pacific Telephone Directory
	MILLER GARY	Pacific Telephone Directory
	PISKITEL LESLIE F	Pacific Telephone Directory
	PRINCE JANET	Pacific Telephone Directory
	SABIN DARREL B	Pacific Telephone Directory
	TAYLOR JACK B	Pacific Telephone Directory
	WIGHTMAN R	Pacific Telephone Directory
	WISSENBACH M N	Pacific Telephone Directory
1955	HOWARD FRANK	The Pacific Telephone & Telegraph Co.
1950	HOWARD FRANK R	The Pacific Telephone & Telegraph Co.
1945	HOWARD FRANK R	The Pacific Telephone & Telegraph Co.
1933	BILGER CAROLINE S MRS H	R. L. Polk & Co.
	BILGER FRANK W JR GAS STA	R. L. Polk & Co.
	BILGER WM F CLK R	R. L. Polk & Co.
1928	Bilger Carolyn S Mrs H	R.L. Polk and Co of California
	anagh Wm P R	R.L. Polk and Co of California
1920	DAVIS HARRY L R	R. L. Polk & Co. of California

404 VERNON TER

Year	Uses	Source
1986	Ushimaru Hiroshi Rev	PACIFIC BELL WHITE PAGES
	Ushirokawa K	PACIFIC BELL WHITE PAGES
1975	DE ST GERMAIN AMETHYST	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	SCHORER NELLIE	Pacific Telephone Directory
1955	HIRSCH DORA MRS	The Pacific Telephone & Telegraph Co.
	MOTHERS-BY-PROXY AGENCY	The Pacific Telephone & Telegraph Co.
	SCHORER NELLIE R	The Pacific Telephone & Telegraph Co.
1950	SCHORER NELLIE R	The Pacific Telephone & Telegraph Co.
1945	SCHORER NELLIE R	The Pacific Telephone & Telegraph Co.
1938	HOY OLGA C R	Pacific Telephone
1933	DICKENSON CHAS W (MARGT) RADIOS	R. L. Polk & Co.
1925	BILGER A S R	R. L. Polk & Co. of California
1920	NOWLAND MRS R C R	R. L. Polk & Co. of California

405 VERNON TER

Year	Uses	Source
1986	Hudner Frank	PACIFIC BELL WHITE PAGES
1970	FABER H O	Pacific Telephone Directory
1955	JACKSON G W R	The Pacific Telephone & Telegraph Co.
1950	JACKSON G W R	The Pacific Telephone & Telegraph Co.
1945	GOW KATHLEEN R	The Pacific Telephone & Telegraph Co.
1938	LINDUS F H R	Pacific Telephone
1933	BEVERLY HORACE T (MARION) LAWYER H	R. L. Polk & Co.
1928	Beverly Horace T Marion B lawyer H	R.L. Polk and Co of California
1925	BEVERLY HORACE T R	R. L. Polk & Co. of California

407 VERNON TER

Year	Uses	Source
1991	Amato R	PACIFIC BELL WHITE PAGES
	Peeples Henry	PACIFIC BELL WHITE PAGES
	Thibeault Celine	PACIFIC BELL WHITE PAGES
1986	Amato R	PACIFIC BELL WHITE PAGES
	Amato Sal	PACIFIC BELL WHITE PAGES
	Bell Marion B	PACIFIC BELL WHITE PAGES
	Kolka Katherine A	PACIFIC BELL WHITE PAGES
	Marinell Lorraine	PACIFIC BELL WHITE PAGES
	Osoffsky Sam	PACIFIC BELL WHITE PAGES
	Osofsky Hilary M & Gene L	PACIFIC BELL WHITE PAGES
	Osofsky Stanley	PACIFIC BELL WHITE PAGES
	Osoimalo Doug	PACIFIC BELL WHITE PAGES
	Peeples Henry	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Presher Sarah A	PACIFIC BELL WHITE PAGES
	Sharigian Anahid H	PACIFIC BELL WHITE PAGES
1980	Osoffsky Sam	Pacific Telephone
	Nelson Edwin V	Pacific Telephone
	Presher Sarah A	Pacific Telephone
	Wiley Wm W Sr	Pacific Telephone
	Amato R	Pacific Telephone
	Bell Marion B	Pacific Telephone
	Charigian Herminia	Pacific Telephone
	Peterson R D	Pacific Telephone
1975	AMATO R	Pacific Telephone
	LIGDA A E	Pacific Telephone
	NELSON EDWIN V	Pacific Telephone
1970	AMATO R	Pacific Telephone Directory
	ANDERSON PAUL V	Pacific Telephone Directory
	BAKER LILLIAN R	Pacific Telephone Directory
	FLETCHER GARY W	Pacific Telephone Directory
	LIGDA A E	Pacific Telephone Directory
	NELSON EDWIN V	Pacific Telephone Directory
	OSOFFSKY SAM	Pacific Telephone Directory
	TOMAT WALTER MRS	Pacific Telephone Directory
	WILEY WM W SR	Pacific Telephone Directory
	WIRTH E M	Pacific Telephone Directory
	WYNN A J JACK	Pacific Telephone Directory
1955	LEM JOE C	The Pacific Telephone & Telegraph Co.
1950	JANG EIIGSENO R	The Pacific Telephone & Telegraph Co.
	LEM HARDING C R	The Pacific Telephone & Telegraph Co.
	LOWE LOUISE B R	The Pacific Telephone & Telegraph Co.
	ULVANG DOROTHY M R	The Pacific Telephone & Telegraph Co.
1938	MULLIGAN JAMES M R	Pacific Telephone
	SMITH WALTER M R	Pacific Telephone
1933	CLARKE ELMER V AUTO MECH R	R. L. Polk & Co.
	MAIN EDNA H LABTRY TECHN R	R. L. Polk & Co.
	MURRAY JAS D (BLANCHE I) H	R. L. Polk & Co.
	MURRY B FRANKLIN MRS TCHR OKLD PUB SCH R	R. L. Polk & Co.
1928	Lowther Edgar A Rev Maret C pastor First M E Church H	R.L. Polk and Co of California
	M Robt D broker R	R.L. Polk and Co of California

FINDINGS

Year	Uses	Source
1925	BILGER F W R	R. L. Polk & Co. of California
1920	BILGER F W R	R. L. Polk & Co. of California

410 VERNON TER

Year	Uses	Source
1991	Gutierrez Ruben P	PACIFIC BELL WHITE PAGES
1970	NOTTHOFF A P	Pacific Telephone Directory
1955	NOTTHOFF A P R	The Pacific Telephone & Telegraph Co.
	CRIST R F R	The Pacific Telephone & Telegraph Co.
1950	CRIST R F R	The Pacific Telephone & Telegraph Co.
	NOTTER G K R	The Pacific Telephone & Telegraph Co.
1945	NOTTHOFF A P R	The Pacific Telephone & Telegraph Co.
	CRIST R F R	The Pacific Telephone & Telegraph Co.
1938	CRIST R F R	Pacific Telephone
	NOTTHOFF A P R	Pacific Telephone
1933	NOTTHOFF ARTH (ADELE) INS ADJ H	R. L. Polk & Co.
	CRIST ETTA MRS H	R. L. Polk & Co.
1928	Notthoff Arth P Adele Ins H	R.L. Polk and Co of California
1925	CRIST R F R	R. L. Polk & Co. of California
1920	CRIST R F R	R. L. Polk & Co. of California

414 VERNON TER

Year	Uses	Source
1980	Bovo Donald M	Pacific Telephone
1975	HENLEY E M	Pacific Telephone
1970	FLINT RUSSELL A	Pacific Telephone Directory
1955	MACDONALD ARCH R	The Pacific Telephone & Telegraph Co.
1950	MAC DONALD ARCH R	The Pacific Telephone & Telegraph Co.
1945	MACDONALD ARCH R	The Pacific Telephone & Telegraph Co.
1938	JEFFRIES MARY A R	Pacific Telephone
1933	STEELE CHARLOTTE K MRS NURSE H	R. L. Polk & Co.
1928	Drinkwater Ambrose M R	R.L. Polk and Co of California
	av Wm J Charlotte H H	R.L. Polk and Co of California
1925	OLIVER HENRY W R	R. L. Polk & Co. of California
1920	OLIVER HENRY W R	R. L. Polk & Co. of California

415 VERNON TER

Year	Uses	Source
1991	Young BJ	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Grove Phylis	PACIFIC BELL WHITE PAGES
1986	Testin Sandra L	PACIFIC BELL WHITE PAGES
	Testing Engineers Inc	PACIFIC BELL WHITE PAGES
1980	Testin Sandra L	Pacific Telephone
1975	AMINI BILAN	Pacific Telephone
1970	SILVERIA AL PHOTGRPHY	Pacific Telephone Directory
1955	TIBBETTS J C	The Pacific Telephone & Telegraph Co.
1950	TIBBETTS JC R	The Pacific Telephone & Telegraph Co.
1945	DOBRZENSKY M W R	The Pacific Telephone & Telegraph Co.
1938	DOBRZENSKY M W R	Pacific Telephone
1933	DOBRZENSKY MILTON W ATTORNEY-AT-LAW	R. L. Polk & Co.
1928	Dobrzensky Miltnn W Fitzgerald Abbott & Beardsley H	R.L. Polk and Co of California
1925	DOBRZENSKY M W R	R. L. Polk & Co. of California

418 VERNON TER

Year	Uses	Source
1991	West L	PACIFIC BELL WHITE PAGES
	Truong Tan	PACIFIC BELL WHITE PAGES
1986	Evensen Marianne	PACIFIC BELL WHITE PAGES
	Gutierrez Ruben P	PACIFIC BELL WHITE PAGES
	Kirk John & Jas	PACIFIC BELL WHITE PAGES
	Mora S	PACIFIC BELL WHITE PAGES
1980	Aguilar Joel I	Pacific Telephone
	Chang Julian B	Pacific Telephone
	Fanusie Yaya	Pacific Telephone
	Gutierrez Ruben P	Pacific Telephone
	Johnson L	Pacific Telephone
	Thomas C F	Pacific Telephone
	Wilson R	Pacific Telephone
	Wysinger M	Pacific Telephone
1975	FARRAR ODESSA	Pacific Telephone
1970	KINCAID MICHAEL	Pacific Telephone Directory
	MURPHY A R	Pacific Telephone Directory
	SIMMONS W J JR	Pacific Telephone Directory
	SLOUS RICHARD	Pacific Telephone Directory
1955	CORNELIUS PAUL MEREDITH CONSLTNG PSYCHLGST	The Pacific Telephone & Telegraph Co.
	JUAREZ LEWIS	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1950	SIMMONS ELMER E R	The Pacific Telephone & Telegraph Co.
1945	HOOK W LLOYD R	The Pacific Telephone & Telegraph Co.
	PRATT CLYDE R	The Pacific Telephone & Telegraph Co.
1938	BARLOW ANNE MRS R	Pacific Telephone
	HOOK W LLOYD R	Pacific Telephone
1933	HOOK WM L (GENEVIEVE) CIV ENG H	R. L. Polk & Co.
1928	A W Lloyd Genevieve P conir H	R.L. Polk and Co of California
1925	FARMER C A R	R. L. Polk & Co. of California
1920	PRATT DR A H R	R. L. Polk & Co. of California

419 VERNON TER

Year	Uses	Source
1980	Horvath C	Pacific Telephone
	Kohlhagen J	Pacific Telephone
1955	WATERMAN HELEN R	The Pacific Telephone & Telegraph Co.
1950	WATERMAN HELEN R	The Pacific Telephone & Telegraph Co.
1945	WATERMAN HELEN R	The Pacific Telephone & Telegraph Co.
1938	KOUE A L R	Pacific Telephone
1933	KOUE ALVIN L (ELSA) ASST DISPR GENL PET CORP H	R. L. Polk & Co.
1928	Weldon J W H	R.L. Polk and Co of California

422 VERNON TER

Year	Uses	Source
1980	Sandy D J	Pacific Telephone
1970	LENIUS RONALD J	Pacific Telephone Directory
1955	ZANDSTRA J A	The Pacific Telephone & Telegraph Co.
1950	CARD HONAH H R	The Pacific Telephone & Telegraph Co.
1938	MOSHER HERMAN R	Pacific Telephone
1928	Driesbach Mabel E wid W R R	R.L. Polk and Co of California
	21st Mabel M wid J A H	R.L. Polk and Co of California
1925	FRECHETTE ORILLA R	R. L. Polk & Co. of California
	BUTTNER E L R	R. L. Polk & Co. of California
1920	HILL L M R	R. L. Polk & Co. of California

423 VERNON TER

Year	Uses	Source
1980	Austin M	Pacific Telephone
1975	ELISMORE GUNNAR	Pacific Telephone
1955	MANEY A PAUL	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1955	JOHNSTON PEARL MRS	The Pacific Telephone & Telegraph Co.
1950	JOHNSTON BEI VA R	The Pacific Telephone & Telegraph Co.
1945	JOHNSTON BELVA R	The Pacific Telephone & Telegraph Co.
1933	TRUMAN LLOYD H (CLARICE) EXEC V-PRES THE TRUMAN CO FUNERAL DIRECTORS H	R. L. Polk & Co.
1928	Woolsey Lloyd E Leonore M H	R.L. Polk and Co of California
	Stream Albt J R	R.L. Polk and Co of California

424 VERNON TER

Year	Uses	Source
1970	SAROYAN C E	Pacific Telephone Directory
1955	SAROYAN CONSTANCE E R	The Pacific Telephone & Telegraph Co.
1950	SAROYAN CONSTANCE ER	The Pacific Telephone & Telegraph Co.
	WIGGINS WALTER L R	The Pacific Telephone & Telegraph Co.
1945	DORAN MAGUERITE M R	The Pacific Telephone & Telegraph Co.
1938	VURLISON GUS R	Pacific Telephone
1933	HEINIG CLARENCE J (SADIE) SLSMN H	R. L. Polk & Co.
1928	Ziegenfuss Donna L sten R	R.L. Polk and Co of California
	BUTTNER Mary H wid L M H	R.L. Polk and Co of California
	BUTTNER Edgar L Scott Buttner Elec Co R	R.L. Polk and Co of California
1920	NAYLOR CHAS E R	R. L. Polk & Co. of California

425 VERNON TER

Year	Uses	Source
1986	M A T A Recovery Home	PACIFIC BELL WHITE PAGES
1980	M A T A Recovery Home	Pacific Telephone
1975	BANO JOHN	Pacific Telephone
1970	BAKO JOHN	Pacific Telephone Directory
1955	GARDNER REST HOME	The Pacific Telephone & Telegraph Co.
1945	MCDONALD LILLIAN MRS R	The Pacific Telephone & Telegraph Co.
1938	MCDONALD LILLIAN MRS R	Pacific Telephone
1933	MCDONALD LILLIAN (WID GEO) H	R. L. Polk & Co.
	DE ST MAURICE DOROTHY MRS R	R. L. Polk & Co.
1928	irllilan Lilian Ms R	R.L. Polk and Co of California
	gress Dorothy sec R	R.L. Polk and Co of California
1925	DERRICK DR GEO H R	R. L. Polk & Co. of California
1920	DERRICK DR GEO H R	R. L. Polk & Co. of California

FINDINGS

429 VERNON TER

Year	Uses	Source
1991	Chuckwul fy	PACIFIC BELL WHITE PAGES
	Chudacoff Melford L & Patricia L	PACIFIC BELL WHITE PAGES
	De Poe T S	PACIFIC BELL WHITE PAGES
	Walter Dani RMrs	PACIFIC BELL WHITE PAGES
	Walter D	PACIFIC BELL WHITE PAGES
1986	be Poe T S	PACIFIC BELL WHITE PAGES
	Pore Chris	PACIFIC BELL WHITE PAGES
	Walter D	PACIFIC BELL WHITE PAGES
1980	Conley Brian	Pacific Telephone
	De Poe Theresa & John	Pacific Telephone
1955	BARONI ROSE	The Pacific Telephone & Telegraph Co.
	CLEVELAND R W DR	The Pacific Telephone & Telegraph Co.
	SPERRY RUTH E MRS	The Pacific Telephone & Telegraph Co.
1950	DISK HELEN R	The Pacific Telephone & Telegraph Co.
	YATER VIVIAN R	The Pacific Telephone & Telegraph Co.
	ZIEGLER MARTIN R	The Pacific Telephone & Telegraph Co.
1945	PATT BERNARD R	The Pacific Telephone & Telegraph Co.
	ROBERTSON ALMA L MRS R	The Pacific Telephone & Telegraph Co.
	WELDGEN RAYMOND M R	The Pacific Telephone & Telegraph Co.
1938	BEGGS PHILIP B R	Pacific Telephone
	BEGGS W M R	Pacific Telephone
1933	BEGGS WILL M (AGNES) SLSMN F F PORTER CO H	R. L. Polk & Co.
1928	Bergs Margt A stdt R	R.L. Polk and Co of California
	Albany Wm M Agnes slsmn F F Porter Co H	R.L. Polk and Co of California
1925	BEGGS W M R	R. L. Polk & Co. of California
1920	ATKINSON H T R	R. L. Polk & Co. of California

430 VERNON TER

Year	Uses	Source
1991	Dabrowskl Irene	PACIFIC BELL WHITE PAGES
	Morales R	PACIFIC BELL WHITE PAGES
	Morales Saul	PACIFIC BELL WHITE PAGES
1986	Dabrowski Irene	PACIFIC BELL WHITE PAGES
	Hoeber Michael & Kristina	PACIFIC BELL WHITE PAGES
	Hoech	PACIFIC BELL WHITE PAGES
	Hoeck Olaf	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Price Frank Donald	PACIFIC BELL WHITE PAGES
1980	Anderson Brad	Pacific Telephone
	Deters Ollie	Pacific Telephone
	Price Frank Donald	Pacific Telephone
	So Geo	Pacific Telephone
1975	BEIGHTLER REID	Pacific Telephone
	DETERS OLLIE	Pacific Telephone
	GAMES JW	Pacific Telephone
	LAURLIC TED J	Pacific Telephone
1970	BARTOLOZZI AL	Pacific Telephone Directory
	BROWN GREGORY A	Pacific Telephone Directory
	DETERS OLLIE	Pacific Telephone Directory
	GOMES JUANITA W MRS	Pacific Telephone Directory
	KLIER WALLY	Pacific Telephone Directory
	NEWMAN J R	Pacific Telephone Directory
	RAMSEY PATRICIA SMITH ATTY	Pacific Telephone Directory
	RHUDY RICHARD G	Pacific Telephone Directory
	SCHWARTZ ROY	Pacific Telephone Directory
	SMITH PATRICIA J ATTY	Pacific Telephone Directory
	SWEENEY M J	Pacific Telephone Directory
	TAYLOR JOHN	Pacific Telephone Directory
	TIMM CARLA H	Pacific Telephone Directory
1955	TRINIES H H	The Pacific Telephone & Telegraph Co.
1950	TRINIES H H R	The Pacific Telephone & Telegraph Co.
1945	TRINIES H H R	The Pacific Telephone & Telegraph Co.
1938	TRINIES H H R	Pacific Telephone
1933	GREEN OTTO G (CRETA) PRES ORINDA PETROLEUM CO AND BUTTES OILFIELDS INC H	R. L. Polk & Co.
	PUGH LOUISE H	R. L. Polk & Co.
1928	A A Hope Mary J news agt H	R.L. Polk and Co of California
1925	BENNETT C K R	R. L. Polk & Co. of California
1920	BENNETT C K R	R. L. Polk & Co. of California

431 VERNON TER

Year	Uses	Source
1945	HARRISON JOHN R	The Pacific Telephone & Telegraph Co.

FINDINGS

435 VERNON TER

Year	Uses	Source
1991	Creighton E	PACIFIC BELL WHITE PAGES
	Creighton Bob Construction	PACIFIC BELL WHITE PAGES
	Creighton Allan	PACIFIC BELL WHITE PAGES
	Polito Sam	PACIFIC BELL WHITE PAGES
1980	Bright A	Pacific Telephone
	Gallagher R M	Pacific Telephone
	Davis S L	Pacific Telephone
1970	THOMAS SHERYL	Pacific Telephone Directory
	MARLOW G R	Pacific Telephone Directory
	BACUS J	Pacific Telephone Directory
1955	LUCAS PETER	The Pacific Telephone & Telegraph Co.
	KELLY JANET	The Pacific Telephone & Telegraph Co.
1950	NELSOSN R A DR R	The Pacific Telephone & Telegraph Co.
1945	KILTY HAROLD J R	The Pacific Telephone & Telegraph Co.
1938	SIMMONS ELMER E R	Pacific Telephone
1933	DAVIS MARGT R	R. L. Polk & Co.
	SIMMONS ELMER E (CORALIN) H	R. L. Polk & Co.
1928	sephine L Philip La Sfer & Bolander R	R.L. Polk and Co of California
	sephine Louis P Edna real est H	R.L. Polk and Co of California
	Litle Bert K slsmn F T Wood Co R	R.L. Polk and Co of California
1925	BRUNER W W R	R. L. Polk & Co. of California
1920	SIMMONS E E R	R. L. Polk & Co. of California

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Year	Uses	Source
1991	Coleman Vernice	PACIFIC BELL WHITE PAGES
	Coleman Vernon	PACIFIC BELL WHITE PAGES
	Coleman Victor V Pacific Marina Almda	PACIFIC BELL WHITE PAGES
	Coleman W	PACIFIC BELL WHITE PAGES
	Coleman W B	PACIFIC BELL WHITE PAGES
	Coleman W E	PACIFIC BELL WHITE PAGES
	Davis C	PACIFIC BELL WHITE PAGES
	Davis C &D	PACIFIC BELL WHITE PAGES
	Davis C E	PACIFIC BELL WHITE PAGES
	Lew Mark D	PACIFIC BELL WHITE PAGES
	Lew Michael	PACIFIC BELL WHITE PAGES
	Walker Wm H	PACIFIC BELL WHITE PAGES
1986	Bevis Howard	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Davis C	PACIFIC BELL WHITE PAGES
	Ferrante G	PACIFIC BELL WHITE PAGES
	Fleming Eric	PACIFIC BELL WHITE PAGES
	Kim Young Suk	PACIFIC BELL WHITE PAGES
	Santos Reb	PACIFIC BELL WHITE PAGES
	Walker Wmi H	PACIFIC BELL WHITE PAGES
1980	Carroll Wm C	Pacific Telephone
	Davis Pete & Pat	Pacific Telephone
	Davis Phyllis	Pacific Telephone
	Dornsife Sybil	Pacific Telephone
	Ferrante G	Pacific Telephone
	Fung Geo	Pacific Telephone
	Huerta Ruben	Pacific Telephone
	Moore Robt	Pacific Telephone
	Pickens Barbara	Pacific Telephone
	Polm J	Pacific Telephone
	Pryor A J	Pacific Telephone
1975	CAMPOS ROBERTO	Pacific Telephone
1970	BROWN JOHN K	Pacific Telephone Directory
	CACERES FAUSTO	Pacific Telephone Directory
	CERTA DAVID	Pacific Telephone Directory
	CHISUM DONALD	Pacific Telephone Directory
	HANSON WM E	Pacific Telephone Directory
	ELLETT J	Pacific Telephone Directory
	DARDEN ARTHUR J JR	Pacific Telephone Directory
	JONES BARNEY W	Pacific Telephone Directory
	JONES BERTHA I	Pacific Telephone Directory
	LEONARD DAVID	Pacific Telephone Directory
	MOSTER JERRY	Pacific Telephone Directory
	NARANJO A M	Pacific Telephone Directory
	SANI L	Pacific Telephone Directory
	SHARP P	Pacific Telephone Directory
	TUNG PETER	Pacific Telephone Directory
	WHITE B J	Pacific Telephone Directory
1955	RANDOL NURSING HOME	The Pacific Telephone & Telegraph Co.
1945	RANDOL MABEL A R	The Pacific Telephone & Telegraph Co.
1938	HAWLEY PANSY S MRS R	Pacific Telephone
1933	HAWLEY PANSY S MRS H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1933	SNYDER ALIDA M R	R. L. Polk & Co.
	WILSON ANNA E R	R. L. Polk & Co.
1928	B Pansy S Mrs H	R.L. Polk and Co of California
	Alide M R	R.L. Polk and Co of California
	Co Anna E S R	R.L. Polk and Co of California
1925	HAWLEY MRS PANSY S R	R. L. Polk & Co. of California
1920	JACKSON E C R	R. L. Polk & Co. of California

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Year	Uses	Source
1933	WALES A L H	R. L. Polk & Co.
	DOW EDGAR L JR DENTIST	R. L. Polk & Co.
1928	Driscoll Ella R	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
	Engine Edgear L Marion dentist	R.L. Polk and Co of California
1925	HOXIE GEO L R	R. L. Polk & Co. of California
1920	LOWRY RUSSELL R	R. L. Polk & Co. of California

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Year	Uses	Source
1945	HUNT ELOISE M R	The Pacific Telephone & Telegraph Co.
1938	ENGELHARDT H L R	Pacific Telephone
	KROEGER C R	Pacific Telephone
1933	ENGELHARDT HERMAN L (LOUISE) ENG H	R. L. Polk & Co.
	KROEGER CLAUS (ANNA) H	R. L. Polk & Co.
1928	vale Herman L Louise R	R.L. Polk and Co of California
	Kroeger Claus Anna H	R.L. Polk and Co of California
1925	ENGELHARDT H L R	R. L. Polk & Co. of California
	KROEGER C R	R. L. Polk & Co. of California
1920	ENGELHARDT H L R	R. L. Polk & Co. of California
	KROEGER C R	R. L. Polk & Co. of California

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Year	Uses	Source
1950	BENNETT HARMON W RL EST	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1955	SWEENEY R E	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1955	HEBENER W A	The Pacific Telephone & Telegraph Co.
	WILLIAMS BARBARA MRS	The Pacific Telephone & Telegraph Co.
	WOLTHAUSEN JOHN H	The Pacific Telephone & Telegraph Co.
1950	RYDETI JEANS R	The Pacific Telephone & Telegraph Co.
	RYDEN EDW R	The Pacific Telephone & Telegraph Co.
	MURPHY RODNEY A R	The Pacific Telephone & Telegraph Co.
	HEFFRON EMMA R	The Pacific Telephone & Telegraph Co.
1945	HEFFRON EMMA R	The Pacific Telephone & Telegraph Co.
1938	HEFFRON EMMA R	Pacific Telephone
1933	MCKEAG GEO W (ANNE) PHARM MUNN DRUG CO H	R. L. Polk & Co.
	HORAN RAYMOND E (MARIE) ACCT H	R. L. Polk & Co.
	FRANEY AUSTIN M (AGNES) SLSMN H	R. L. Polk & Co.
1928	Heftron Dominic D Emma eng H	R.L. Polk and Co of California
	Maier Fred C Kath carp H	R.L. Polk and Co of California
1925	HEFFRON D D R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	MULLEN W D R	The Pacific Telephone & Telegraph Co.
	ROGERS CHAS R	The Pacific Telephone & Telegraph Co.
1950	CLARK I D H R	The Pacific Telephone & Telegraph Co.
1945	DROSTE H F R	The Pacific Telephone & Telegraph Co.
1938	DROSTE H F R	Pacific Telephone
1933	SMILIE MARY A (WID ROBT) R	R. L. Polk & Co.
	DROSTE HENRY F (FLORENCE) LAWYER H	R. L. Polk & Co.
1928	Francisco Emma Mrs cook R	R.L. Polk and Co of California
1925	DROSTE H F R	R. L. Polk & Co. of California
1920	RICHARDSON FREDERICK B R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	UHRICH BLANCHE R	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1955	LEKAS C J	The Pacific Telephone & Telegraph Co.
1950	REYNOLDS GUY D R	The Pacific Telephone & Telegraph Co.
1945	REYNOLDS GUY D R	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1938	REYNOLDS GUY D R	Pacific Telephone
1933	REYNOLDS GUY D (BERTHA) SEC AM TRACTOR EQUIP CO H	R. L. Polk & Co.
1928	h Guy D Bertha slsmn H	R.L. Polk and Co of California
1925	REYNOLDS GUY D R	R. L. Polk & Co. of California
1920	REYNOLDS GUY D R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	HUBBERTZ F	The Pacific Telephone & Telegraph Co.
	JENSEN HANSINE MRS	The Pacific Telephone & Telegraph Co.
	O MARA THERESA MRS	The Pacific Telephone & Telegraph Co.
	WEST H L	The Pacific Telephone & Telegraph Co.
1950	BROWN ELDA J R	The Pacific Telephone & Telegraph Co.
	CRIST CLARA E R	The Pacific Telephone & Telegraph Co.
	NICHOLS EDNA V MRS R	The Pacific Telephone & Telegraph Co.
	SULLIVAN MALIY R	The Pacific Telephone & Telegraph Co.
1945	WEST HALLIE L MRS R	The Pacific Telephone & Telegraph Co.
	NICHOLS EDNA V MRS R	The Pacific Telephone & Telegraph Co.
1938	TRUMAN I J JR MRS R	Pacific Telephone
1933	TRUMAN JOHN E LAWYER R	R. L. Polk & Co.
	TRUMAN SOPHIE H (WID I J JR) H	R. L. Polk & Co.
	WESTPHAL DELLA MRS MAID	R. L. Polk & Co.
1928	Sibley John T assit mgr Grinnell Co of the Pacific R	R.L. Polk and Co of California
	same Leslie D mgr Triangle Parts Co R	R.L. Polk and Co of California
	H Frank G cashr Tucker Mc ELh Linney Co R	R.L. Polk and Co of California
	Mc Glade Arth B drftsmn Calif Corrugated Culvert Co R	R.L. Polk and Co of California
	Hofmann Nora wid Sami B R	R.L. Polk and Co of California
	Hofmann Myrtle L tchr OPS R	R.L. Polk and Co of California
	Hofmann Margt E tchr R	R.L. Polk and Co of California
	Hofmann Herbt L slsmn H 0 Harrison H	R.L. Polk and Co of California
	Culloni Elwin R sismn Challenge Cream and Butter Assn R	R.L. Polk and Co of California
	Carmichael E Mrs R	R.L. Polk and Co of California
1925	TRUMAN MRS I J JR R	R. L. Polk & Co. of California
1920	POSEY MRS A C R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	MCCONNELL F W	The Pacific Telephone & Telegraph Co.
	CARR WM H	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1955	WARDLE W C	The Pacific Telephone & Telegraph Co.
	SHEESLEY LOIS	The Pacific Telephone & Telegraph Co.
	SCHNECKLOTH DOLORES	The Pacific Telephone & Telegraph Co.
	MEYERS MARCELLA	The Pacific Telephone & Telegraph Co.
	COATES RICHARD C MRS	The Pacific Telephone & Telegraph Co.
1950	SCHAUFEL WMI L R	The Pacific Telephone & Telegraph Co.
	LA FORGE ELOISE R	The Pacific Telephone & Telegraph Co.
	HANNA PAULINE R	The Pacific Telephone & Telegraph Co.
	CURNETT JOS A R	The Pacific Telephone & Telegraph Co.
	BUFFON EDNA J R	The Pacific Telephone & Telegraph Co.
1945	WIRKLER JOHN R	The Pacific Telephone & Telegraph Co.
1933	WEBB ERNEST G (HENRIETTA) H	R. L. Polk & Co.
	WEBB MARVIN WRITER R	R. L. Polk & Co.
1928	Measures Margt C sec E S Comstock R	R.L. Polk and Co of California
	Comstocks Rest Home E S Comstock dir	R.L. Polk and Co of California
1920	CREED MRS WM H R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	YOAKUM F E R	The Pacific Telephone & Telegraph Co.
1950	YOAKUM F E R	The Pacific Telephone & Telegraph Co.
1945	YOAKUM F E R	The Pacific Telephone & Telegraph Co.
1938	YOAKUM F E R	Pacific Telephone
1933	YOAKUM WILHELMINE W MEMBER OAKLAND CITY COUNCIL R	R. L. Polk & Co.
	YOAKUM FINIS E (WILHELMINE) PRES CONSOLIDATED COVER CO H	R. L. Polk & Co.
1928	Yoakum Finis E Wilhelmina H	R.L. Polk and Co of California
	Yoakum Wilhelmnna Mrs recording sec Oakland Forum R	R.L. Polk and Co of California
1925	YOAKUM F E R	R. L. Polk & Co. of California
1920	NORRIS MRS BETTY H R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	GLUCK DOROTHEA R	The Pacific Telephone & Telegraph Co.
1950	GLUBETICH R P R	The Pacific Telephone & Telegraph Co.
1945	OLIVER EDITH R	The Pacific Telephone & Telegraph Co.
	GLUCK DOROTHEA R	The Pacific Telephone & Telegraph Co.
1938	HARTWELL H R	Pacific Telephone
	GLUCK DOROTHEA R	Pacific Telephone
1933	TREDWAY WINTHROP H SERV MGR WEBB MOTOR CO R	R. L. Polk & Co.
	SHAW NORMAN E AUTO MECH R	R. L. Polk & Co.
	NORTON CHAS F (MARCELLA) R	R. L. Polk & Co.
	COOK FRANK M (HELEN) PRSMN H	R. L. Polk & Co.
1928	av Jas H Jr Nellie H	R.L. Polk and Co of California
1925	FARRELL MRS J R R	R. L. Polk & Co. of California
1920	FARRELL MRS J R R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	VERNON NURSING HOME	The Pacific Telephone & Telegraph Co.
1950	VERNON NURSING HOME	The Pacific Telephone & Telegraph Co.
1933	BARR JAS R (ISABELLA D) CARP H	R. L. Polk & Co.
1928	Storen Ame C Margt L archt H	R.L. Polk and Co of California
1925	BALDWIN ORION C R	R. L. Polk & Co. of California
1920	BORNEMANN GEO S R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	STEPHENSON MARGARET R	The Pacific Telephone & Telegraph Co.
1945	BALDWIN HELEN MRS R	The Pacific Telephone & Telegraph Co.
1938	BALDWIN HELEN MRS R	Pacific Telephone
	LA JEUNESSE H V DR R	Pacific Telephone
1933	BALDWIN ORION C (HELEN) FORMN AM CAN CO H	R. L. Polk & Co.
1928	92d Orion C Helen H	R.L. Polk and Co of California
1925	GRIPP MRS R H R	R. L. Polk & Co. of California

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Year	Uses	Source
1991	Winkler William	PACIFIC BELL WHITE PAGES
1986	Drye C	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	CYBE LLE S PIZZA	PACIFIC BELL WHITE PAGES
	Cwynar J M	PACIFIC BELL WHITE PAGES
	Cwynar Bill	PACIFIC BELL WHITE PAGES
1980	Graser Edith Jimno	Pacific Telephone
	OConnor Kerry	Pacific Telephone
1975	GRASER EDITH JIMNO	Pacific Telephone
1970	GRASER EDITH JIMNO	Pacific Telephone Directory
1955	KAFFESIDER MAX R	The Pacific Telephone & Telegraph Co.
	KERR J LUELLA	The Pacific Telephone & Telegraph Co.
1950	KAFFESIDER MAX R	The Pacific Telephone & Telegraph Co.
1945	SCHEELINE S L R	The Pacific Telephone & Telegraph Co.
	BRESCIA BIANCA MRS R	The Pacific Telephone & Telegraph Co.
1938	BRESCIA D MRS R	Pacific Telephone
1928	r Imogene wid Jos R	R.L. Polk and Co of California
1925	GRUNDELL C L R	R. L. Polk & Co. of California
1920	GRUNDELL C L R	R. L. Polk & Co. of California

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Year	Uses	Source
1991	Andrejko Thomas P	PACIFIC BELL WHITE PAGES
	Cannon Phil	PACIFIC BELL WHITE PAGES
	Cook LE	PACIFIC BELL WHITE PAGES
	Danton J Periam Prof	PACIFIC BELL WHITE PAGES
	Fukumoto AA	PACIFIC BELL WHITE PAGES
	Garibaldi Jas A	PACIFIC BELL WHITE PAGES
	Hertzog S	PACIFIC BELL WHITE PAGES
	Kruse M	PACIFIC BELL WHITE PAGES
	Kruse Marcia	PACIFIC BELL WHITE PAGES
	Kruse Mark	PACIFIC BELL WHITE PAGES
	i Kuan Marina	PACIFIC BELL WHITE PAGES
	Lewis John & Joanne	PACIFIC BELL WHITE PAGES
	Mariscal Francisco	PACIFIC BELL WHITE PAGES
	Mariscal Jose Luis	PACIFIC BELL WHITE PAGES
	Mariscal L	PACIFIC BELL WHITE PAGES
	Mariscal L	PACIFIC BELL WHITE PAGES
	i Rose Bill	PACIFIC BELL WHITE PAGES
	Schwarz Richard L	PACIFIC BELL WHITE PAGES
	Sims Andre	PACIFIC BELL WHITE PAGES
	Sims Anthony C	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Sims Arthur & Helen	PACIFIC BELL WHITE PAGES
	Sims & Associates	PACIFIC BELL WHITE PAGES
	Soltys Pavel	PACIFIC BELL WHITE PAGES
	Tate Theresa Terry	PACIFIC BELL WHITE PAGES
	Thompson K	PACIFIC BELL WHITE PAGES
	Torrison J	PACIFIC BELL WHITE PAGES
	Valaitis Rimas P	PACIFIC BELL WHITE PAGES
	Valansky J	PACIFIC BELL WHITE PAGES
	Vignoles Mark & Mary	PACIFIC BELL WHITE PAGES
	Vlug Hans	PACIFIC BELL WHITE PAGES
	Wahle Diane	PACIFIC BELL WHITE PAGES
	Wolf Bevelyn	PACIFIC BELL WHITE PAGES
	Wolf Beverily	PACIFIC BELL WHITE PAGES
	Wolf C W	PACIFIC BELL WHITE PAGES
1986	Omara John	PACIFIC BELL WHITE PAGES
	Powers Rick	PACIFIC BELL WHITE PAGES
	Schwartz Richard J	PACIFIC BELL WHITE PAGES
	Schwarz Richard L	PACIFIC BELL WHITE PAGES
	I Sloan Land Co	PACIFIC BELL WHITE PAGES
	I Sloan tarry R Sr Mrs	PACIFIC BELL WHITE PAGES
	Sturgies Calvin H DR	PACIFIC BELL WHITE PAGES
	Tate Theresa Terry	PACIFIC BELL WHITE PAGES
	Thompson K	PACIFIC BELL WHITE PAGES
	Thompson KL	PACIFIC BELL WHITE PAGES
	Thompson K L	PACIFIC BELL WHITE PAGES
	Torrison J	PACIFIC BELL WHITE PAGES
	Walters Mason	PACIFIC BELL WHITE PAGES
	Walters Nancy	PACIFIC BELL WHITE PAGES
	Wolf Bevelyn	PACIFIC BELL WHITE PAGES
	Wolf Beverly	PACIFIC BELL WHITE PAGES
	Andrejko Thomas P	PACIFIC BELL WHITE PAGES
	Cook L E	PACIFIC BELL WHITE PAGES
	Danton J Periam Prof	PACIFIC BELL WHITE PAGES
	Dunlap Cherryl A	PACIFIC BELL WHITE PAGES
	Ewing Jeffrey C	PACIFIC BELL WHITE PAGES
	Fukumoto AA A	PACIFIC BELL WHITE PAGES
	Fukumoto Bob	PACIFIC BELL WHITE PAGES
	Hagen Susan M	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Hagen Wm L	PACIFIC BELL WHITE PAGES
	Hagens S	PACIFIC BELL WHITE PAGES
	Hixenbaugh Steven	PACIFIC BELL WHITE PAGES
	Hixon C B horsetrainer Golden Gate Fields	PACIFIC BELL WHITE PAGES
	Hunter W T & J W	PACIFIC BELL WHITE PAGES
	Kemp D	PACIFIC BELL WHITE PAGES
	Kemp DW	PACIFIC BELL WHITE PAGES
	Klein Elise	PACIFIC BELL WHITE PAGES
	Lawson J C	PACIFIC BELL WHITE PAGES
	Lucas Robt A	PACIFIC BELL WHITE PAGES
	Lucas Ruth	PACIFIC BELL WHITE PAGES
	Lucas S	PACIFIC BELL WHITE PAGES
	Mahini Behzad	PACIFIC BELL WHITE PAGES
	Mallon James G	PACIFIC BELL WHITE PAGES
	Mallon T	PACIFIC BELL WHITE PAGES
	Marinucci D	PACIFIC BELL WHITE PAGES
1980	Alkarani Abrahim	Pacific Telephone
	Aranas Theodore	Pacific Telephone
	Ballard Marjorie	Pacific Telephone
	Crair Nathan	Pacific Telephone
	Crociani E F	Pacific Telephone
	Danton J Periam Prof	Pacific Telephone
	Dietz M C	Pacific Telephone
	Duncan A	Pacific Telephone
	Garibaldi Jas A	Pacific Telephone
	Howatt R	Pacific Telephone
	Hughes Randy	Pacific Telephone
	Hunt Richard	Pacific Telephone
	Johansson Paul	Pacific Telephone
	Jorden Frank H	Pacific Telephone
	Lewis Ross	Pacific Telephone
	Mitchell Marshall & Cynthia	Pacific Telephone
	Peer Kathleen	Pacific Telephone
	Peterson Edwin F	Pacific Telephone
	Sawyer Peter	Pacific Telephone
	Slater F A	Pacific Telephone
	Vernon Apartments	Pacific Telephone
	Webb Page Jr	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Whitten Lona	Pacific Telephone
1975	BARSKY JOHN	Pacific Telephone
	BELLING F	Pacific Telephone
	BHAT SATHYENDRA	Pacific Telephone
	COOK B B	Pacific Telephone
	DANTON J P	Pacific Telephone
	FOURNEL MICHAEL A	Pacific Telephone
	OLIVER THOS E	Pacific Telephone

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Year	Uses	Source
1970	JOLLY H J	Pacific Telephone Directory
	MCPARTLAND PATRICIA	Pacific Telephone Directory
	SIBARY ANN	Pacific Telephone Directory
1955	CANNING SOPHIE R MRS	The Pacific Telephone & Telegraph Co.
	NIVENS N RUTH R	The Pacific Telephone & Telegraph Co.
	NODDIN HELENE I MRS	The Pacific Telephone & Telegraph Co.
	SOBOTKER PAULA R	The Pacific Telephone & Telegraph Co.
1950	FRISBEE SALLY ANN R	The Pacific Telephone & Telegraph Co.
	GILL PAUL W R	The Pacific Telephone & Telegraph Co.
	STANLEY PERSIS A R	The Pacific Telephone & Telegraph Co.
1938	SEARE ROBT R	Pacific Telephone
	TOWNSEND LILLIAN MRS R	Pacific Telephone
1928	H Josephne wid J T R	R.L. Polk and Co of California
	Summers Agnes G wid A L R	R.L. Polk and Co of California
1920	JOLLY E J R	R. L. Polk & Co. of California

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Year	Uses	Source
1955	MILLS GRACE F MRS	The Pacific Telephone & Telegraph Co.
1938	ROONEY J KERWIN R	Pacific Telephone
1928	Wedgewood Dean R Bertha s Ismn Howard Automobile Co H	R.L. Polk and Co of California
1925	LOVE FRANK K R	R. L. Polk & Co. of California
1920	HUGHES R T R	R. L. Polk & Co. of California

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Year	Uses	Source
1970	ESTLIN EDW	Pacific Telephone Directory
1955	LEWIS JAS E	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1955	MARTINEZ FRED MRS	The Pacific Telephone & Telegraph Co.
	POWELL C MRS	The Pacific Telephone & Telegraph Co.
	STEINER FLOYD MRS	The Pacific Telephone & Telegraph Co.
1950	HANNA HOWARD W MRS R	The Pacific Telephone & Telegraph Co.
	HUNT EWING GRACE MRS R	The Pacific Telephone & Telegraph Co.
1945	O CONNOR WALLACE MRS R	The Pacific Telephone & Telegraph Co.
	HUNT EWING GRACE MRS R	The Pacific Telephone & Telegraph Co.
	HANNA HOWARD W MRS R	The Pacific Telephone & Telegraph Co.
1938	O CONNOR WALLACE MRS R	Pacific Telephone
	HUNT EWING GRACE MRS R	Pacific Telephone
1933	EWING J CAL (GRACE) H	R. L. Polk & Co.
	HUNT GRACE E MRS STEN R	R. L. Polk & Co.
	O CONNOR LEILA (WID WALLACE) R	R. L. Polk & Co.
1928	h Grace E Mrs R	R.L. Polk and Co of California
	h Leila E wid Wallace E R	R.L. Polk and Co of California
1925	EWING J CAL R	R. L. Polk & Co. of California
1920	EWING J CAL R	R. L. Polk & Co. of California

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Year	Uses	Source
1991	Kawahara Avis	PACIFIC BELL WHITE PAGES
1986	Alden Narottama C	PACIFIC BELL WHITE PAGES
	Alden Real Estate Co	PACIFIC BELL WHITE PAGES
	Alden Rory W	PACIFIC BELL WHITE PAGES

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Year	Uses	Source
1970	AWALT JEANINE	Pacific Telephone Directory
	SQUIRES DONALD F	Pacific Telephone Directory
	FREEMAN LAWRENCE	Pacific Telephone Directory
1955	CARINI JOS	The Pacific Telephone & Telegraph Co.
	LANDFRIED WM	The Pacific Telephone & Telegraph Co.
	LAURAIN GLORIA	The Pacific Telephone & Telegraph Co.
1950	AL EN JCHN J R	The Pacific Telephone & Telegraph Co.
1945	ALLEN JOHN J R	The Pacific Telephone & Telegraph Co.
1938	ALLEN LISTON O R	Pacific Telephone
	ALLEN JOHN J R	Pacific Telephone
1933	RODRIGUEZ LENA MAID R	R. L. Polk & Co.
	ALLEN LISTON O R	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1933	ALLEN JOHN J (CATHERINE) JUDGE SUPERIOR COURT DEPT 7 COURT HOUSE H	R. L. Polk & Co.
1928	graph Edw L 0 s Ismn Maxwell Hdw Co R	R.L. Polk and Co of California
1925	ALLEN JOHN J R	R. L. Polk & Co. of California
1920	MCCARTHY LEO J R	R. L. Polk & Co. of California

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Year	Uses	Source
1950	ADAINS HARRY L R	The Pacific Telephone & Telegraph Co.

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Year	Uses	Source
1986	Johnson Randy L	PACIFIC BELL WHITE PAGES
	Mc Coy Elijah	PACIFIC BELL WHITE PAGES
	Nichter Peter	PACIFIC BELL WHITE PAGES
	Pearson Anthony W	PACIFIC BELL WHITE PAGES
	Ravanera R	PACIFIC BELL WHITE PAGES
	F Ravanera Renato P	PACIFIC BELL WHITE PAGES
	Richards S	PACIFIC BELL WHITE PAGES
	Walker Gary E	PACIFIC BELL WHITE PAGES
	Walker Gene	PACIFIC BELL WHITE PAGES
	Walker Gene	PACIFIC BELL WHITE PAGES
1980	Alsman Harry	Pacific Telephone
	Armstrong Terrell	Pacific Telephone
	Eng Darryl D	Pacific Telephone
	Fach Jon	Pacific Telephone
	Jones V C	Pacific Telephone
	Mierkey Gary	Pacific Telephone
	Setser Lee D	Pacific Telephone
	Shapiro Dean	Pacific Telephone
	Strohecker Jas S	Pacific Telephone
	Summers L	Pacific Telephone
	Weil D E	Pacific Telephone
1975	CORNELL STEVEN F	Pacific Telephone
1970	COOPER THOS E	Pacific Telephone Directory
	FERNBACH F G	Pacific Telephone Directory
	MAPPLEBECK LE ROY R	Pacific Telephone Directory
	SAUTTER LARRY L	Pacific Telephone Directory
1955	PETERSEN CHRISTIAN A	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1950	ALAMOEIDA ROBT W R	The Pacific Telephone & Telegraph Co.
1945	JEWELL LILLIAN R	The Pacific Telephone & Telegraph Co.
1938	CALKIN LOUISE R	Pacific Telephone
	CALKIN MARTIN R	Pacific Telephone
1933	WILLIAMS OSCAR H CARP R	R. L. Polk & Co.
	KELLY THOS J (DOROTHY) ACTOR H	R. L. Polk & Co.
1928	WHITE CARLOS G Verne Dunn White & Aiken Attorney at Law	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
1925	WHITE CARLOS G R	R. L. Polk & Co. of California
1920	WHITE CARLOS G R	R. L. Polk & Co. of California

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Year	Uses	Source
1970	HAMMILL M L	Pacific Telephone Directory
	HOLMES KATHY	Pacific Telephone Directory
	LIONE BARBARA	Pacific Telephone Directory
	OLSON GARFIELD S	Pacific Telephone Directory
	REYNOLDS ROSE MARIE	Pacific Telephone Directory
1955	BALFOUR M W	The Pacific Telephone & Telegraph Co.
	GROEGER MARIE MISS	The Pacific Telephone & Telegraph Co.
	HAMMILL M L	The Pacific Telephone & Telegraph Co.
	ROGERS JOHN E	The Pacific Telephone & Telegraph Co.
1950	BATES MARCIA R	The Pacific Telephone & Telegraph Co.
	GEHRKE HELEN N R	The Pacific Telephone & Telegraph Co.
	KOSTY GRAHAM JR	The Pacific Telephone & Telegraph Co.
1945	CARDOZA DORIS R	The Pacific Telephone & Telegraph Co.
	BLACOW HELEN L R	The Pacific Telephone & Telegraph Co.
	COMER MATILDA G R	The Pacific Telephone & Telegraph Co.
	JOHNSTON DAVID S STUDENTS COOPERATIVE SERVICES	The Pacific Telephone & Telegraph Co.
	STUDENTS COOPERATIVE SERVICES WINDW CLNG	The Pacific Telephone & Telegraph Co.
1938	HEIDER BILL R	Pacific Telephone
	STABILE EDWARD R	Pacific Telephone
1933	PETRAY MARION S TCHR OKLD PUB SCH H	R. L. Polk & Co.
	FORAN JOHN (BURT) CARP H	R. L. Polk & Co.
	CLARK RAY D (ELIZ) SLSMN H	R. L. Polk & Co.
	BROWN LEAMAN E (IONE) ACCT H	R. L. Polk & Co.

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Year	Uses	Source
1933	BARROWS NORBERT H (ELIZ) SLSMN H	R. L. Polk & Co.
	ANDERSON GEO A R	R. L. Polk & Co.
1928	Wille V H	R.L. Polk and Co of California
	Virginia nurse H	R.L. Polk and Co of California
	Blankovoor Gertrude R	R.L. Polk and Co of California
	Albany Ione A Mrs H	R.L. Polk and Co of California
	ter Geo F R	R.L. Polk and Co of California
1925	ANDERSON MRS IONE R	R. L. Polk & Co. of California
1920	HOGUE C L R	R. L. Polk & Co. of California

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Year	Uses	Source
1986	Nelson Christian	PACIFIC BELL WHITE PAGES
1980	Slattery Christopher	Pacific Telephone
1970	HERBER WIL	Pacific Telephone Directory
1955	ROGERS GERTRUDE A	The Pacific Telephone & Telegraph Co.
1945	LEACH HARRY E JR R	The Pacific Telephone & Telegraph Co.

W MACARTHUR BLVD

240 W MACARTHUR BLVD

Year	Uses	Source
2013	OAKLAND AUTO WORKS	Cole Information Services
2008	OAKLAND AUTOWORKS	Cole Information Services

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	Address Not Identified in Research Source
230 Macarthur Blvd	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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	Address Not Identified in Research Source
10 MOSS AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
10 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1928, 1926, 1925, 1920
100 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
101 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
104 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
104 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
105 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
105 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
105 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
107 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
107 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
107 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1920
108 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
108 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
108 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
109 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
11 MOSS AVE	2013, 2008, 2002, 1996, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1932, 1926, 1925, 1920
11 S MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
110 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
110 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
110 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
111 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
111 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
111 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
111A SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
112 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
112 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
113 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
114 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
115 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
115 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
117 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
117 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
117 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
118 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
118 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
119 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
119 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
119 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
12 MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
121 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
121 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
122 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
123 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
123 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
123 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
124 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
124 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
127 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
127 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
128 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
128 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
131 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
132 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
133 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
134 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
134 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
135 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
136 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
138 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
138 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
139 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
139 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
14 MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
140 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
140 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
142 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
142 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
142 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
143 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
143 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
145 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
146 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
146 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
148 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
148 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
15 MOSS AVE	2013, 2008, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
150 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
150 PERRY PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
150 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
150 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
150 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
150 SANTA CLARA AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
152 PERRY PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
152 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
152 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
152 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
152 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
152 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1928, 1926, 1920
153 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
154 PERRY LN	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
154 PERRY PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
154 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925
154 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
154 SANTA CLARA AVE	2013, 2008, 2006, 2002, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
154 SANTA CLARA AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
154 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1933, 1932, 1926
155 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
156 PERRY PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1933, 1932, 1928, 1926, 1925, 1920
156 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
156 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
156 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1925, 1920
156 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
157 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
157 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
158 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
158 SANTA CLARA AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
158A SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
159 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
159 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
16 MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
160 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
160 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925

FINDINGS

Address Researched	Address Not Identified in Research Source
160 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
160 SANTA CLARA AVE	2013, 2008, 2002, 1996, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
160 SANTA CLARA AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
160 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926
161 1/2 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
161 PERRY PL	2013, 2008, 2006, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1933, 1932, 1928, 1926, 1925, 1920
161 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
161 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
163 PERRY PL	2013, 2008, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
164 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
164 SANTA CLARA AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
164 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
164 SANTA CLARA ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
164 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926
165 MACARTHUR BLVD	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
165 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
166 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1926, 1925, 1920
166 SANTA CLARA AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
166 SANTA CLARA ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
166 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
167 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
167 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
167 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
168 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
168 SANTA CLARA AVE	2013, 2008, 2006, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1933, 1932, 1926, 1925, 1920
168 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926
169 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
169 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925
169 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
17 MOSS AVE	2013, 2008, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
170 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925
170 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
170 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
170 SANTA CLARA AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
171 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
171 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
171 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
172 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
172 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925
172 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
172 SANTA CLARA AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
172 SANTA CLARA AVE	2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
173 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
173 SANTA CLARA ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
173 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1926
173A SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
174 PEARL ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
174 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925
174 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
174 SANTA CLARA AVE	2013, 2008, 2002, 1996, 1993, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
174 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
174 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925
175 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
175 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
175 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1920
176 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
177 1/2 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
177 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1925, 1920
177 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
177 SANTA CLARA ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
177 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1920
177A SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
178 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925
178 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
178 SANTA CLARA AVE	2013, 2008, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
178 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
179 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
179 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1933, 1932, 1926, 1925, 1920
179 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
179 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
18 MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926
180 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
180 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925
180 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
180 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
180 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
182 1/2 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
182 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
182 PEARL AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
182 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925
182 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
182 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
182 SANTA CLARA ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
182 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1920
183 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
183 PERRY PL	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
183 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
183 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
184 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
184 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925
184 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
184 SANTA CLARA AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
184 SANTA CLARA WAY	2013, 2008, 2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926
185 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
185 PERRY PL	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
185 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925, 1920
185 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1933, 1932, 1926, 1925, 1920
185 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
185 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926
188 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
188 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
188 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1928, 1926
189 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
189 PERRY PL	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
189 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
189 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
189 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926
19 MOSS AVE	2013, 2008, 2002, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
190 MAC ARTLHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
190 MAC ARTLMIMR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
190 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
190 MACARTHUR FWY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
190 MIAC ARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
190 MIAC ARTIRUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
190 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
191 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
192 SANTA CLARA AVE	2013, 2008, 2002, 2000, 1996, 1993, 1991, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
192 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926
193 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
195 PERRY PL	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
195 PERRY PL	2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
195 SANTA CLARA AVE	2013, 2008, 2002, 1996, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
195 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1926
196 SANTA CLARA AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
196 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
196 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1920
198 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
198 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
198 SANTA CLARA ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
198 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
20 MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
200 SANTA CLARA AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
200 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
200 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1933, 1932, 1928, 1926
201 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
201 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
202 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
203 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
204 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
204 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925
204 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
204 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
204 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
205 MAC AIRTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
205 MAC ARTHUR BLVD	2013, 2008, 2006, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
205 MACARTHUR BLVD	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
205 MACARTHUR BLVD	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
205 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925
205 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
205 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
205 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
205A MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
206 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
207 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
207 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
208 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
208 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
209 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
209 MACARTHUR BLVD	2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
21 MOSS AVE	2013, 2008, 2002, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
210 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
210 SANTA CLARA AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
210 SANTA CLARA AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
210 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926
211 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
211 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1928, 1926, 1925, 1920
211 SANTA CLARA AVE%	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
211 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
211 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926
212 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
212 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
212 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
213 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
214 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
214 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
214 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
215 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
215 SANTA CLARA AVE	2013, 2008, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
215 SANTA CLARA AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
215 SANTA CLARA ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
215 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925
216 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
216 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
217 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
217 SANTA CLARA AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
217 SANTA CLARA WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926
218 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
218 SANTA CLARA CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
219 SANTA CLARA AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
22 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925

FINDINGS

Address Researched	Address Not Identified in Research Source
22 MOSS AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
221 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
225 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
225 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
228 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925
228 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
229 MAC ARTHUR BLVD	2013, 2008, 2006, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
229 MACARTHUR BLVD	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
234 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925
234 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
237 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
237 PERRY RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1928, 1926, 1925
237 PERRY ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
239 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
240 W MACARTHUR BLVD	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
245 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
25 MOSS AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
25 MOSS AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
26 MOSS AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
28 MOSS AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
29 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1933, 1932, 1926, 1925, 1920
300 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3063 OAKLAND AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
31 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1928, 1926, 1925, 1920
310 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
32 MOSS AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925
33 MOSS AVE	2013, 2008, 2002, 1993, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1925, 1920
35 MEEK AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
36 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1932, 1926, 1925, 1920
37 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
38 MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
385 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
385 ORANGE ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
385 ORANGE ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
385 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1920
385 ORANSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
387 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
387 ORANGE AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
387 ORANGE ST	2013, 2008, 2002, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
387 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1920
388 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
388 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
388 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
389 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
389 ORANGE ST	2013, 2008, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
389 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926, 1920
39 MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
390 VERNON ST	2013, 2008, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
391 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
391 ORANGE ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
391 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
392 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
392 ORANGE ST	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
392 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
392 VERNON ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
394 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
394 ORANGE ST	2013, 2008, 2002, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
394 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
395 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
395 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
395 ORANGE ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
395 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1925
396 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
396 VERNON ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
396 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926
399 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
399 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
399 ORANGE ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
399 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1932, 1926
40 MEEK AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
40 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
400 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
400 ORANGE AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
400 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
400 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1932, 1926
400 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
401 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
401 VERNON ST	2013, 2008, 2002, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
401 VERNON ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
401 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925
402 CHETWOOD ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
402 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
403 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
404 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925
404 VERNON ST	2013, 2008, 2002, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
404 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1928, 1926
405 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
405 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
405 VERNON ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
405 VERNON ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
405 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1920
406 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
407 CHETWOOD ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
407 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
407 ORANGE AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
407 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
407 ORANGE ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
407 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1932, 1926
407 VERNON ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
407 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1932, 1926
408 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1925
408 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
408 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
408 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
408 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
409 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
409 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926
41 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1926, 1925, 1920
410 ORANGE ST	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
410 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
410 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
410 VERNON ST	2013, 2008, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
410 VERNON ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
410 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
412 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925
412 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
412 ORANGE ST	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
412 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
414 VERNON ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
414 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
415 ADAMS CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
415 ADAMS ST	2013, 2008, 2002, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
415 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
415 VERNON ST	2013, 2008, 2002, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
415 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1920
416 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925
417 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1932, 1926, 1925
417 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
417 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
417 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
418 OAKLAND AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
418 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
418 ORANGE ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
418 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1932, 1928, 1926
418 VERNON ST	2013, 2008, 2002, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
418 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
418A ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
419 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
419 VERNON ST	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
419 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1925, 1920
42 MEEK AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
420 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1932, 1926, 1925
420 OAKLAND PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
420 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
420 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
420 ORANGE ST	2013, 2008, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
420 ORANGE ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
420 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1928, 1926, 1920
421 OAKLAND AVE	2013, 2008, 2002, 1996, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
421 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
421 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
421 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
422 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
422 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
422 VERNON ST	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
422 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1933, 1932, 1926
423 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
423 VERNON ST	2013, 2008, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
423 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
424 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925
424 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
424 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
424 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
424 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1933, 1932, 1926, 1925
424 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
424 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1925
425 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
425 ORANGE AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
425 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
425 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926
425 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
425 VERNON ST	2013, 2008, 2002, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
425 VERNON ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
425 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926
425A ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1928, 1926, 1925, 1920
426 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
426 ORANGE ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
426 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
427 ADAMS ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
427 OAKLAND AVE	2013, 2008, 2002, 2000, 1996, 1993, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
428 OAKLAND AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925, 1920
428 OAKLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
428 OAKLAND PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
428 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
428C OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
429 OAKLAND AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
429 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
429 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1920
429 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
429 VERNON ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
429 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
430 ADAMS CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 ADAMS ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 OAKLAND AVE	2013, 2008, 2002, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
430 OAKLAND AVE N	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
430 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 ORANGE ST	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 ORANGE ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1932, 1926
430 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 VERNON ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 VERNON ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
430 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
431 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
431 ORANGE AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
431 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
431 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
431 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
431 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
433 ADAMS CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
433 ADAMS ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
433 ADAMS ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
433 OAKLAND AVE	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
435 OAKLAND AVE	2013, 2008, 2002, 1993, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925
435 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
435 VERNON ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
435 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
436 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
436 OAKLAND PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
436 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
438 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
438 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
438 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
438 ORANGE ST	2013, 2008, 2002, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
438 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
438 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
438 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
438 VERNON ST	2013, 2008, 2002, 1993, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
438 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926
439 OAKLAND AVE	2013, 2008, 2002, 1996, 1993, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1926, 1925
439 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
43A MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
44 MOSS AVE	2013, 2008, 2002, 2000, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
44 MOSS AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
440 ADAMS ST	2013, 2008, 2006, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
440 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
442 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
444 OAKLAND AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
444 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
445 1/2 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
445 OAKLAND AVE	2013, 2008, 2002, 2000, 1996, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925
445 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
446 OAKLAND AVE	2013, 2008, 2002, 1996, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
446 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
446 ORANGE ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
446 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1925, 1920
447 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
447 ORANGE ST	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
447 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
447 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926
448 OAKLAND AVE	2013, 2008, 2002, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
448 ORANGE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
448 ORANGE ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
448 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1925, 1920
448 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
449 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925

FINDINGS

Address Researched	Address Not Identified in Research Source
449 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
449 ORANGE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
449 ORANGE WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
45 MEEK AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
45 MOSS AVE	2013, 2008, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
45 MOSS AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
452 OAKLAND AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1926, 1925, 1920
455 CHETWOOD ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
455 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
455 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926
456 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
460 OAKLAND AVE	2013, 2008, 2002, 1993, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
460 OAKLAND PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
460 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
460 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1920
461 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1932, 1926, 1925
461 OAKLAND PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
461 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1926, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
461 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
461 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
463 CHETWOOD DR	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
463 CHETWOOD ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925
463 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925
463 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
463 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
464 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
464 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
465 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925
465 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
465 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
465 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
465 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
465A OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
466 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
466 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
466 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
466A OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
467 CHETWOOD ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1933, 1932, 1926, 1925
467 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925
468 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925
468 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
468 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
468 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925
469 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
470 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925
470 VERNON ST	2013, 2008, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
472 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925
472 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
472 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
472 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
473 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925
473 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
473 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
473 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
473 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
474 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
475 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
475 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1926
477 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
477 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
477 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
477 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
477 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926, 1920
478 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
478 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
478 VERNON ST	2013, 2008, 2002, 1996, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
478 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1933, 1932, 1926
482 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
485 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
485 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
488 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
49 MOSS AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
49A MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
500 OAKLAND AVE	2013, 2008, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
500 OAKLAND AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
500 VERNON CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
500 VERNON ST	2013, 2008, 2002, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
500 VERNON ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
500 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
501 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1932, 1928, 1926, 1925
501 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
502 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
502 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
502 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
502 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1933, 1932, 1926, 1925
503 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1933, 1932, 1928, 1926, 1925

FINDINGS

Address Researched	Address Not Identified in Research Source
503 OAKLAND PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
503 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
505 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
505 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
505 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1926
506 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1925
506 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
506 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
506 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
508 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
51 MEAK AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
51 MEEK AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
510 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
510 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
511 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1925
511 OAKLAND PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
511 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
512 OAKLAND AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1933, 1932, 1926, 1925
512 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
512 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
513 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
515 OAKLAND AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925
515 OAKLAND PL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
515 OAKLAND RD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
515 VERNON ST	2013, 2008, 2002, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
515 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
516 OAKLAND AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1932, 1926, 1925
516 OAKLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
516 VERNON AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
516 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
516 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926
520 VERNON ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
521 VERNON ST	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
521 VERNON TER	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
53 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
54 MEEK AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
55 MAC ARTHUR BLVD	2013, 2008, 2006, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
57 MOSS AVE	2013, 2008, 2002, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
602 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
602A MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
604 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
606 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
608 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
612 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
614 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
618 MACARTHUR BLVD	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7 MOSS AVE	2013, 2008, 2002, 2000, 1996, 1993, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1926
7A MOSS AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
9 MOSS AVE	2013, 2008, 2002, 2000, 1996, 1993, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1925, 1920

Attachment E

Preliminary Geotechnical Investigation

ROCKRIDGE GEOTECHNICAL

Prepared for **BayRock PHG Piedmont, LLC**

PRELIMINARY GEOTECHNICAL INVESTIGATION
PROPOSED MIXED-USE DEVELOPMENT
230 & 240 W. MACARTHUR BLVD.
OAKLAND, CALIFORNIA

October 30, 2017
Project No. 17-1368

270 Grand Avenue
Oakland, CA 94610

www.rockridgegeo.com

510 420-5738 tel
510 652-3096 fax

ROCKRIDGE GEOTECHNICAL

TABLE OF CONTENTS

LIST OF FIGURES

APPENDIX A

APPENDIX B

ROCKRIDGE GEOTECHNICAL

PRELIMINARY GEOTECHNICAL INVESTIGATION
PROPOSED MIXED-USE BUILDING
230 & 240 WEST MACARTHUR BOULEVARD
Oakland, California

1.0 INTRODUCTION

This report presents the results of the preliminary geotechnical investigation performed by Rockridge Geotechnical, Inc. for the due diligence evaluation of the properties located at 230 & 240 W. MacArthur Boulevard in Oakland, California. The project site consists of two adjacent parcels with a combined area of approximately 23,000 square feet (0.53 acres). The parcels have frontages on W. MacArthur Boulevard, Piedmont Avenue, and Howe Street, as shown on Figure 1 (Site Location) and Figure 2 (Site Plan). The site is bordered by Kaiser Permanente buildings to the northeast. The southeastern parcel (230 W. MacArthur Blvd.) is currently occupied by a Shell service station and the northwestern parcel (240 W. MacArthur Blvd.) is currently occupied by Oakland Auto Works. There are one-story commercial buildings on portions of both parcels.

We understand plans are to demolish the existing buildings on the site and to construct a mixed-use development that would occupy the majority of the site. As currently envisioned, plans are to construct a six-story building over a single basement level with a total of about 57 residential units. The new building will have one level of below-grade parking, one level of ground-level retail, and five levels of residential units above the retail. We assumed the below-grade and first story wood be of concrete construction and the upper five levels would be framed in wood.

2.0 SCOPE OF SERVICES

Our geotechnical investigation was performed in accordance with our proposal dated August 1, 2017. Our scope of services consisted of reviewing available subsurface information and geologic maps of the site and vicinity, exploring subsurface conditions at the site by drilling three borings, providing information about the soil and groundwater conditions at the site, and performing engineering analyses to develop preliminary conclusions and recommendations regarding:

- site seismicity and seismic hazards, including the potential for liquefaction and lateral spreading, and total and differential settlement resulting from liquefaction and/or cyclic densification
- the most appropriate foundation type(s) for the proposed building
- preliminary design criteria for the recommended foundation type(s), including vertical and lateral capacities for each of the foundation type(s)
- estimates of foundation settlement
- design groundwater elevation and lateral earth pressures for design of basement walls
- 2016 California Building Code site class and design spectral response acceleration parameters
- construction considerations, including shoring and underpinning.

3.0 FIELD INVESTIGATION AND LABORATORY TESTING

We investigated subsurface conditions at the site by drilling three borings. Prior to beginning our field investigation, we obtained a drilling permit from the Alameda County Public Works Agency (ACPWA). We also contacted Underground Service Alert (USA) to notify them of our work and retained a private utility locator, Precision Locating, LLC, to verify the locations were clear of existing underground utilities.

Cascade Drilling Company of Richmond, California drilled the three borings, designated B-1 through B-3, on September 9, 2017 at the approximate locations shown on Figure 2. The borings were drilled using a CME-75 truck-mounted drill rig equipped with 8-inch-diameter hollow-stem augers. During drilling, a field geologist logged the soil encountered and obtained representative samples for visual classification and laboratory testing. Additionally, a representative from Cardno, the project environmental engineer, was onsite to collect samples for environmental testing. The logs of the borings are presented on Figures A-1 through A-3 in Appendix A. The soil encountered in the borings was classified in accordance with the Classification Chart shown on Figure A-4.

Soil samples were obtained using the following samplers:

- Sprague and Henwood (S&H) split-barrel sampler with a 3.0-inch outside diameter and 2.5-inch inside diameter, lined with 2.43-inch inside diameter stainless steel tubes
- California (CA) split-barrel sampler with a 2.5-inch outside diameter and 2.0-inch inside diameter, without liners
- Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and 1.5-inch inside diameter, without liners.

The type of sampler used was selected based on soil type and the desired sample quality for laboratory testing. In general, the CA and S&H sampler was used to obtain samples in cohesive soil while the SPT sampler was used to evaluate the relative density of granular soils. All samplers were driven with a 140-pound, down-hole wireline safety hammer falling about 30 inches per drop. The samplers were driven up to 18 inches and the hammer blows required to drive the samplers were recorded every six inches and are presented on the boring logs. A "blow count" is defined as the number of hammer blows per six inches of penetration or 50 blows for six inches or less of penetration. The blow counts required to drive the S&H, CA, and SPT samplers were converted to approximate SPT N-values using factors of 0.7, 0.9, and 1.2, respectively, to account for sampler type, approximate hammer energy, and the fact that the SPT and CA samplers were designed to accommodate liners, but liners were not used. The blow counts used for this conversion were the last two blow counts. The converted SPT N-values are presented on the boring logs.

4.0 SUBSURFACE CONDITIONS

A regional geologic map prepared by Graymer (2000), a portion of which is presented on Figure 3, indicates the site is underlain by Holocene-aged alluvial fan and fluvial deposits (Qhaf). Based on the results of our borings and our understanding of the site history, a majority of the site appears to be covered with a layer of fill that is approximately two feet thick. The fill is significantly thicker, perhaps up to about 10 feet thick, in locations where underground storage tanks (USTs) were formerly installed. Additionally, operational USTs remain at various locations across the site. The locations of current and former USTs are shown on the Site Plan, Figure 2.

The fill and USTs are underlain by alluvium. In general, the alluvium encountered in the borings consists of interbedded layers of clay and sand to a depth of about 15 feet, below which the alluvium primarily consists of clay with occasional sand interbeds to the maximum depth explored of 31-1/2 feet. The clay has variable amounts of sand and gravel and is very stiff to hard. The sand has variable amounts of clay and silt and is medium dense to very dense.

Perched groundwater was encountered at approximately 7 feet bgs in B-3 near the bottom of UST backfill. Free groundwater was not encountered in the other borings during drilling, which extended to a depth of 31-1/2 feet bgs. We also reviewed the results of periodic groundwater monitoring performed at the site in a report prepared by Conestoga-Rovers & Associates[1]. Groundwater level readings were taken at eight monitoring wells at approximately quarterly intervals between 1997 and 2011. The report indicates the measured groundwater level has fluctuated from a depth of 10.8 to 23.8 feet bgs during this time period. For planning purposes, we recommend a groundwater level of 10 feet bgs be assumed for design of the below-grade improvements.

5.0 SEISMIC CONSIDERATIONS

The San Francisco Bay Area is considered to be one of the more seismically active regions in the world. The results of our evaluation regarding seismic considerations for the project site are presented in the following sections.

5.1 Regional Seismicity and Faulting

The site is located in the Coast Ranges geomorphic province of California that is characterized by northwest-trending valleys and ridges. These topographic features are controlled by folds and faults that resulted from the collision of the Farallon plate and North American plate and subsequent strike-slip faulting along the San Andreas fault system. The San Andreas fault is more than 600 miles long from Point Arena in the north to the Gulf of California in the south.

[1] *Groundwater Monitoring Report – First Quarter 2011, Shell-Branded Service Station, 230 West MacArthur Boulevard, Oakland, California*, dated May 5, 2011

The Coast Ranges province is bounded on the east by the Great Valley and on the west by the Pacific Ocean

The major active faults in the area are the Hayward, San Andreas and Calaveras faults. These and other faults in the region are shown on Figure 4. The fault systems in the Bay Area consist of several major right-lateral strike-slip faults that define the boundary zone between the Pacific and the North American tectonic plates. Numerous damaging earthquakes have occurred along these fault systems in recorded time. For these and other active faults within a 50-kilometer radius of the site, the distance from the site and estimated mean characteristic moment magnitude[2] [Working Group on California Earthquake Probabilities (USGS 2008) and Cao et al. (2003)] are summarized in Table 1.

[2] Moment magnitude is an energy-based scale and provides a physically meaningful measure of the size of a faulting event. Moment magnitude is directly related to average slip and fault rupture area.

TABLE 1
Regional Faults and Seismicity

Fault Segment	Approximate Distance from Site (km)	Direction from Site	Maximum Magnitude
Total Hayward	3.4	East	7.00
Total Hayward-Rodgers Creek	3.4	East	7.33
Mount Diablo Thrust	20	East	6.70
Total Calaveras	22	East	7.0
Green Valley Connected	25	East	6.80
N. San Andreas - Peninsula	26	West	7.23
N. San Andreas (1906 event)	26	West	8.1
N. San Andreas - North Coast	28	West	7.51
San Gregorio Connected	32	West	7.50
Rodgers Creek	33	Northwest	7.07
Greenville Connected	38	East	7.00
West Napa	38	North	6.70
Great Valley 5, Pittsburg Kirby Hills	42	East	6.70
Monte Vista-Shannon	43	South	6.50

In the past 200 years, four major earthquakes (i.e., Magnitude > 6) have been recorded on the San Andreas fault. In 1836, an earthquake with an estimated maximum intensity of VII on the Modified Mercalli (MM) Intensity Scale occurred east of Monterey Bay on the San Andreas fault (Toppozada and Borchardt, 1998). The estimated moment magnitude, M_w, for this earthquake is about 6.25. In 1838, an earthquake occurred on the Peninsula segment of the San Andreas fault. Severe shaking occurred with an MM of about VIII-IX, corresponding to an M_w of about 7.5. The San Francisco Earthquake of 1906 caused the most significant damage in the history of the Bay Area in terms of loss of lives and property damage. This earthquake created a surface rupture along the San Andreas fault from Shelter Cove to San Juan Bautista approximately 470

kilometers in length. It had a maximum intensity of XI (MM), an M_w of about 7.9, and was felt 560 kilometers away in Oregon, Nevada, and Los Angeles. The most recent earthquake to affect the Bay Area was the Loma Prieta Earthquake of October 17, 1989 with an M_w of 6.9. This earthquake occurred in the Santa Cruz Mountains about 94 kilometers southwest of the site.

In 1868, an earthquake with an estimated maximum intensity of X on the MM scale occurred on the southern segment (between San Leandro and Fremont) of the Hayward fault. The estimated M_w for the earthquake is 7.0. In 1861, an earthquake of unknown magnitude (probably an M_w of about 6.5) was reported on the Calaveras fault. The most recent significant earthquake on this fault was the 1984 Morgan Hill earthquake ($M_w = 6.2$).

The U.S. Geological Survey's 2014 Working Group on California Earthquake Probabilities has compiled the earthquake fault research for the San Francisco Bay area in order to estimate the probability of fault segment rupture. They have determined that the overall probability of moment magnitude 6.7 or greater earthquake occurring in the San Francisco Region during the next 30 years (starting from 2014) is 72 percent. The highest probabilities are assigned to the Hayward fault, Calaveras fault, and the northern segment of the San Andreas fault. These probabilities are 14.3, 7.4, and 6.4 percent, respectively.

5.2 Geologic Hazards

Because the project site is in a seismically active region, we evaluated the potential for earthquake-induced geologic hazards including ground shaking, ground surface rupture, liquefaction,[3] lateral spreading,[4] and cyclic densification[5]. We used the results of the borings to preliminarily evaluate the potential of these phenomena occurring at the project site.

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[3] Liquefaction is a phenomenon where loose, saturated, cohesionless soil experiences temporary reduction in strength during cyclic loading such as that produced by earthquakes.

[4] Lateral spreading is a phenomenon in which surficial soil displaces along a shear zone that has formed within an underlying liquefied layer. Upon reaching mobilization, the surficial blocks are transported downslope or in the direction of a free face by earthquake and gravitational forces.

[5] Cyclic densification is a phenomenon in which non-saturated, cohesionless soil is compacted by earthquake vibrations, causing ground-surface settlement.

5.2.1 Ground Shaking

The seismicity of the site is governed by the activity of the Hayward fault, although ground shaking from future earthquakes on other faults will also be felt at the site. The intensity of earthquake ground motion at the site will depend upon the characteristics of the generating fault, distance to the earthquake epicenter, and magnitude and duration of the earthquake. We judge that strong to very strong ground shaking could occur at the site during a large earthquake on one of the nearby faults.

5.2.2 Liquefaction and Associated Hazards

When a saturated, cohesionless soil liquefies, it experiences a temporary loss of shear strength created by a transient rise in excess pore pressure generated by strong ground motion. Soil susceptible to liquefaction includes loose to medium dense sand and gravel, low-plasticity silt, and some low-plasticity clay deposits. Flow failure, lateral spreading, differential settlement, loss of bearing strength, ground fissures, and sand boils are evidence of excess pore pressure generation and liquefaction.

As shown on Figure 5, the site has been partially mapped within a zone of liquefaction potential on the map titled *State of California Seismic Hazard Zones, Oakland West Quadrangle, Official Map*, prepared by the California Geological Survey (CGS), dated February 14, 2003. We recommend a final geotechnical investigation include rotary-wash borings and/or cone penetration tests, as recommended by Special Publication 117A prepared by the California Geological Survey (2008).

We preliminarily evaluated the liquefaction potential of soil encountered below groundwater at the site using data collected in our borings. Our liquefaction analyses were performed using the methodology proposed by Youd et al. (2001) assuming a high groundwater depth of 10 feet bgs. In accordance with the 2016 CBC, we used a peak ground acceleration of 0.77 times gravity (g) in our liquefaction evaluation; this peak ground acceleration is consistent with the Maximum Considered Earthquake Geometric Mean (MCE_G) peak ground acceleration adjusted for site effects (PGA_M) for Site Class D. We also used a Moment magnitude 7.33 earthquake, which is

consistent with the mean characteristic Moment magnitude for the Hayward fault, as presented in Table 2.

Our preliminary liquefaction analyses indicate there is a thin layer of potentially liquefiable soil between depths of 13 and 15 feet bgs at the locations of borings B-2 and B-3. A second potentially liquefiable layer was encountered in B-3 between depths of about 21 and 23 feet. We estimate total free-field ground settlement associated with liquefaction (referred to as post-liquefaction reconsolidation) at the site after the above-defined MCE event will be about 1/2 inch or less, and differential settlement will be less than 1/4 inch over a horizontal distance of 30 feet; however considering the foundations for the proposed building will likely bottom just above the uppermost potentially liquefiable layer, building settlement could be significantly larger than the free-field settlement. The potential adverse impact of the upper most potentially liquefiable layer could be mitigated, if necessary, by excavating and recompacting the potentially liquefiable soil. The liquefaction potential of this layer should be further evaluated during the final geotechnical investigation using CPTs and addressed during foundation design.

5.2.3 Lateral Spreading

Lateral spreading occurs when a continuous layer of soil experiences "flow-liquefaction" (typically observed in clean sands with a corrected SPT blowcount [$N_{1,60}$] of less than 15) and the soil layers above move toward an unsupported face, such as a shoreline slope, or in the direction of a regional slope or gradient (Youd et al. 2002). The potentially liquefiable layers encountered at the site had $N_{1,60}$ values of at least 15; therefore, we preliminarily conclude the potential for lateral spreading to occur at the project site is very low.

5.2.4 Cyclic Densification

Seismically induced compaction (also referred to as cyclic densification) of non-saturated granular soil (granular soil above groundwater table) can occur during an earthquake, resulting in settlement of the ground surface and overlying improvements. Based on the boring data, we preliminarily conclude the potential for cyclic densification of the soil above the groundwater table is confined to granular backfill of former UST excavations, and that this material will be

removed during site development. Therefore, we conclude the potential for cyclic densification to impact the proposed development is nil.

5.2.5 Ground Surface Rupture

Historically, ground surface displacements closely follow the trace of geologically young faults. The site is not within an Earthquake Fault Zone, as defined by the Alquist-Priolo Earthquake Fault Zoning Act, and no known active or potentially active faults exist on the site. We therefore conclude the risk of fault offset at the site from a known active fault is very low. In a seismically active area, the remote possibility exists for future faulting in areas where no faults previously existed; however, we conclude the risk of surface faulting and consequent secondary ground failure from previously unknown faults is also very low.

6.0 PRELIMINARY CONCLUSIONS AND RECOMMENDATIONS

From a geotechnical standpoint, we preliminarily conclude the site can be developed as planned, provided the recommendations presented in this report are incorporated into the project plans and specifications and implemented during construction. The primary geotechnical concern at the site is a design groundwater level near the bottom of the proposed basement, the presence of a layer of potentially liquefiable soil at a depth of about 13 feet bgs, and providing adequate foundation support. Our preliminary conclusions and recommendations regarding foundation support and other geotechnical aspects of the project are presented in this section.

6.1 Foundation and Settlement

The proposed building will have one below-grade level with a finished floor located estimated to be about 10 feet bgs. Based on the available subsurface data, we anticipate the basement will be underlain by alluvium primarily consisting of very stiff clay with occasional clayey sand and silty sand layers which has moderate strength and low to moderate compressibility. We preliminarily conclude the building may be supported on either conventional spread footings or a mat foundation. Building loads were not available at the time this report was prepared and, therefore, were conservatively estimated as 200 pounds per square foot (psf) per floor for the two levels of concrete and 100 psf per floor for each story of wood framing. Depending on the

results of the final geotechnical investigation, it may be necessary to excavate potentially liquefiable soil to a depth of about 15 feet bgs and replace it with engineered fill or controlled low-strength material (CLSM). If removal of the weak soil is too costly, then ground improvement should be considered.

6.1.1 Spread Footings

Continuous footings should be at least 18 inches wide and isolated spread footings should be at least 24 inches wide. Footings should extend at least 18 inches below the lowest adjacent soil subgrade. To limit total and differential static settlement to 1-1/2 inches and 3/4 inch over a horizontal distance of 30 feet, respectively, we recommend spread footings may be designed using allowable bearing pressures of 4,000 pounds per square foot (psf) for dead-plus-live loads. This value may be increased by one-third for total design loads, which include wind or seismic forces. The allowable bearing pressures for dead-plus-live and total loads include factors of safety of at least 2.0 and 1.5, respectively.

Footing excavations should be free of standing water, debris, and disturbed materials prior to placing concrete. The bottoms and sides of the footing excavations should be moistened following excavation and maintained in a moist condition until concrete is placed. If the foundation soil dries during construction, the footing will eventually heave, which may result in cracking and distress. If the footings will be constructed during the rainy season, we recommend rat slabs consisting of at least two inches of CLSM or structural concrete be placed in the bottoms of the footings to protect them from drying out, softening from ponding water and/or disturbance from foot traffic during construction. We should check footing excavations prior to placement of the rat slabs. The CLSM used to construct the rat slabs should have a 28-day unconfined strength of 100 pounds per square inch (psi) and should be poured within two days of footing excavation.

Lateral loads may be resisted by a combination of passive pressure on the vertical faces of the footings and friction between the bottoms of the footings and the supporting soil. To compute lateral resistance, we preliminarily recommend using a uniform pressure of 2,000 psf for

transient load conditions. For sustained load conditions, we preliminarily recommend using equivalent fluid weights (triangular distribution) of 250 and 125 pcf above and below the design groundwater level, respectively. In both cases, the upper foot of soil should be ignored unless confined by a slab or pavement. Frictional resistance should be computed using a base friction coefficient of 0.25, assuming the footings are supported directly on soil (i.e., there is no waterproofing below the footings). The passive pressure and frictional resistance values include a factor of safety of at least 1.5 and may be used in combination without reduction.

6.1.2 Mat Foundation

For preliminary design of the mat foundation, an allowable bearing pressure of 4,000 psf for dead-plus-live loads may be used; this value may be increased by one-third for total loads, including wind and seismic loads. These preliminary allowable bearing pressures include factors of safety of at least 2.0 and 1.5 for dead-plus-live and total loads, respectively. We preliminarily estimate total settlement will range from about 1/2 to 1-1/2 inches across the building footprint. We anticipate most of the settlement will occur during construction. The amount of differential settlement between columns will be a function of the mat stiffness and hence its ability to spread the loads between columns, however, we expect the mat can be designed to limit differential settlements to about 3/4 inch in 30 feet. We recommend using a preliminary coefficient of vertical subgrade reaction (dead-plus-live-load conditions) 20 pounds per cubic inch (pci); this value has already been scaled to take into account the plan dimensions of the foundation.

Lateral forces can be resisted by friction along the base of the mat and passive pressure against the sides of the mat foundation. To compute lateral resistance, we preliminarily recommend using a uniform pressure of 2,000 psf for transient load conditions. For sustained load conditions, we preliminarily recommend using equivalent fluid weights (triangular distribution) of 250 and 125 pcf above and below the design groundwater level, respectively. In both cases, the upper foot of soil should be ignored unless confined by a slab or pavement. The allowable friction factor will depend on the type of waterproofing used at the base of the mat. For bentonite-based waterproofing membranes, such as Paraseal or Voltex, a friction factor of 0.12 should be used (assumes a bentonite friction angle of 10 degrees). If Preprufe is used, a base friction factor of

0.20 should be used. Friction factors for other types of waterproofing membranes can be provided upon request. The above-recommended passive pressure and frictional resistance values include a factor of safety of at least 1.5 and may be used in combination without reduction.

6.2 Basement Walls

Basement walls should be designed to resist the lateral earth pressure imposed by the retained soil, as well as a surcharge pressure from nearby vehicles and adjacent foundations, where appropriate. In addition, because the site is in a seismically active area, basement walls should be designed to resist pressures associated with seismic forces. We preliminarily recommend basement walls at the site be designed for the more critical of the following:

- at-rest soil condition using an equivalent fluid weight of 63 pcf (triangular distribution) above the design groundwater level and 94 pcf below the design groundwater table
- active pressure of 42 pcf plus a seismic increment of 32 pcf (triangular distribution) above the design groundwater level, and 83 pcf plus a seismic increment of 16 pcf (triangular distribution) below the groundwater level.

Where the basement wall will be within 10 feet of adjacent streets, the wall should be designed for a traffic surcharge of 50 psf (uniformed distribution) applied to the upper 10 feet of the wall. Where there are footings for adjacent buildings founded above an imaginary line extending up from the base of the proposed basement wall at an inclination of 1.5:1 (horizontal:vertical), the footings will impose a lateral surcharge pressure on the basement wall. These surcharges pressures should be evaluated during the final investigation.

To protect against moisture migration, below-grade walls should be waterproofed and water stops should be placed at all construction joints. The design pressures recommended for above the design water level are based on fully drained walls. Although the basement walls will be above the design groundwater level, water can accumulate behind the walls from other sources, such as rainfall, irrigation, and broken water lines, etc. One acceptable method for backdraining a basement wall is to place a prefabricated drainage panel against the back of the wall. The drainage panel should extend down to a perforated PVC collector pipe at the design high

groundwater level (or higher if allowed by the structural engineer). The pipe should be surrounded on all sides by at least four inches of Caltrans Class 2 permeable material or 3/4-inch drain rock wrapped in filter fabric (Mirafi NC or equivalent). A proprietary, prefabricated collector drain system, such as Tremdrain Total Drain or Hydroduct Coil (or equivalent), designed to work in conjunction with the drainage panel may be used in lieu of the perforated pipe surrounded by gravel described above. The pipe should be connected to a suitable discharge point; a sump and pump system may be required to drain the collector pipes.

If backfill is required behind basement walls, the walls should be braced, or hand compaction equipment used, to prevent unacceptable surcharges on walls (as determined by the Structural Engineer).

6.3 Temporary Shoring

We anticipate an excavation extending about 13 to 15 bgs will be needed to construct the basement walls and mat foundation. All excavations greater than five feet in height should conform to the current CAL-OSHA requirements. The sides of excavation may be sloped or benched where space permits. Where space does not permit sloping of the excavation perimeter, shoring will be required to support the sides of the proposed excavation.

Where there is insufficient room to slope the excavations, we conclude the most appropriate shoring system would consist of a cantilevered soldier pile-and-lagging system. A soldier pile-and-lagging system usually consists of steel H-beams and concrete placed in predrilled holes extending below the bottom of the excavation. Wood lagging is placed between the piles as the excavation proceeds from the top down.

Where the required cut is less than about 12 feet, a soldier pile and lagging system can typically provide economical shoring without tiebacks and, therefore, will not encroach beyond the property line. Where cuts exceed about 12 feet in height, soldier pile and lagging systems are typically more economical if they include tieback anchors. Tiebacks consist of post-tensioned steel strands or bars that are grouted into predrilled holes through the excavation face. Where tiebacks will extend beneath the streets and sidewalks and adjacent properties, an encroachment

agreement will be required with the City of Oakland and adjacent property owners. If permission from the City of Oakland or adjacent property owners (as needed) cannot be obtained to install tiebacks beneath their properties, then internal bracing will be required.

Where the neighboring building foundations are supported above an imaginary line that lies at an inclination of 1.5:1 (horizontal to vertical) projected upward from the bottom edge of the proposed excavation, the shoring should be designed using at-rest pressure, as well as the surcharge load from the neighboring building foundation, to limit the amount of horizontal movement at the top of the shoring.

A structural/civil engineer knowledgeable in this type of construction should be retained to design the shoring. The shoring designer should design the shoring system for lateral deformation of less than 1/2 inch adjacent to neighboring structures and 1 inch adjacent to streets.

6.4 Temporary Dewatering

The design groundwater level is above the anticipated bottom of excavation. During excavation of the basement, groundwater may flow into the excavation unless collected and removed prior to reaching the work area. Therefore, localized passive dewatering, in which water is collected from trench drains around the perimeter and across the base of the excavation, will be required. An active temporary dewatering system may also be required. The method used to dewater the excavation should be the responsibility of the contractor. The dewatering system should be designed to draw down the groundwater at least three feet below the bottom of the planned excavation and maintain that depth until there is sufficient building weight to resist the hydrostatic uplift pressure, at which time the groundwater may be allowed to rise to its normal elevation. The project structural engineer should determine when the temporary dewatering system can be turned off. Lowering of the groundwater level outside the perimeter of the excavation will result in some settlement of improvements near the excavation. An evaluation of potential settlement of neighboring buildings and other improvements should be performed during the final investigation.

6.5 Seismic Design

For design in accordance with the 2016 CBC, we recommend Site Class D ("Stiff Soil") be used. The latitude and longitude of the site are 37.8237º and -122.2567º, respectively. Hence, in accordance with the 2016 CBC, we recommend the following:

- S_S = 2.008g, S_1 = 0.818g
- S_{MS} = 2.008g, S_{M1} = 1.227g
- S_{DS} = 1.339g, S_{D1} = 0.818g
- Seismic Design Category E for Risk Categories I, II, and III

7.0 ADDITIONAL GEOTECHNICAL SERVICES

Prior to final design, subsurface conditions should be further investigated with borings and/or CPTs within the proposed building footprint to supplement existing subsurface information and to develop final geotechnical conclusions and recommendations.

8.0 LIMITATIONS

Our geotechnical consultation has been provided in accordance with the standard of care commonly used as state-of-practice in the profession. No other warranties are either expressed or implied. The preliminary recommendations made in this report are based on the assumption that the subsurface conditions do not deviate appreciably from those described herein. If any variations or undesirable conditions are encountered during construction, we should be notified so that additional recommendations can be made. The preliminary foundation recommendations presented in this report are developed exclusively for the proposed development described in this report and are not valid for other locations and construction in the project vicinity.

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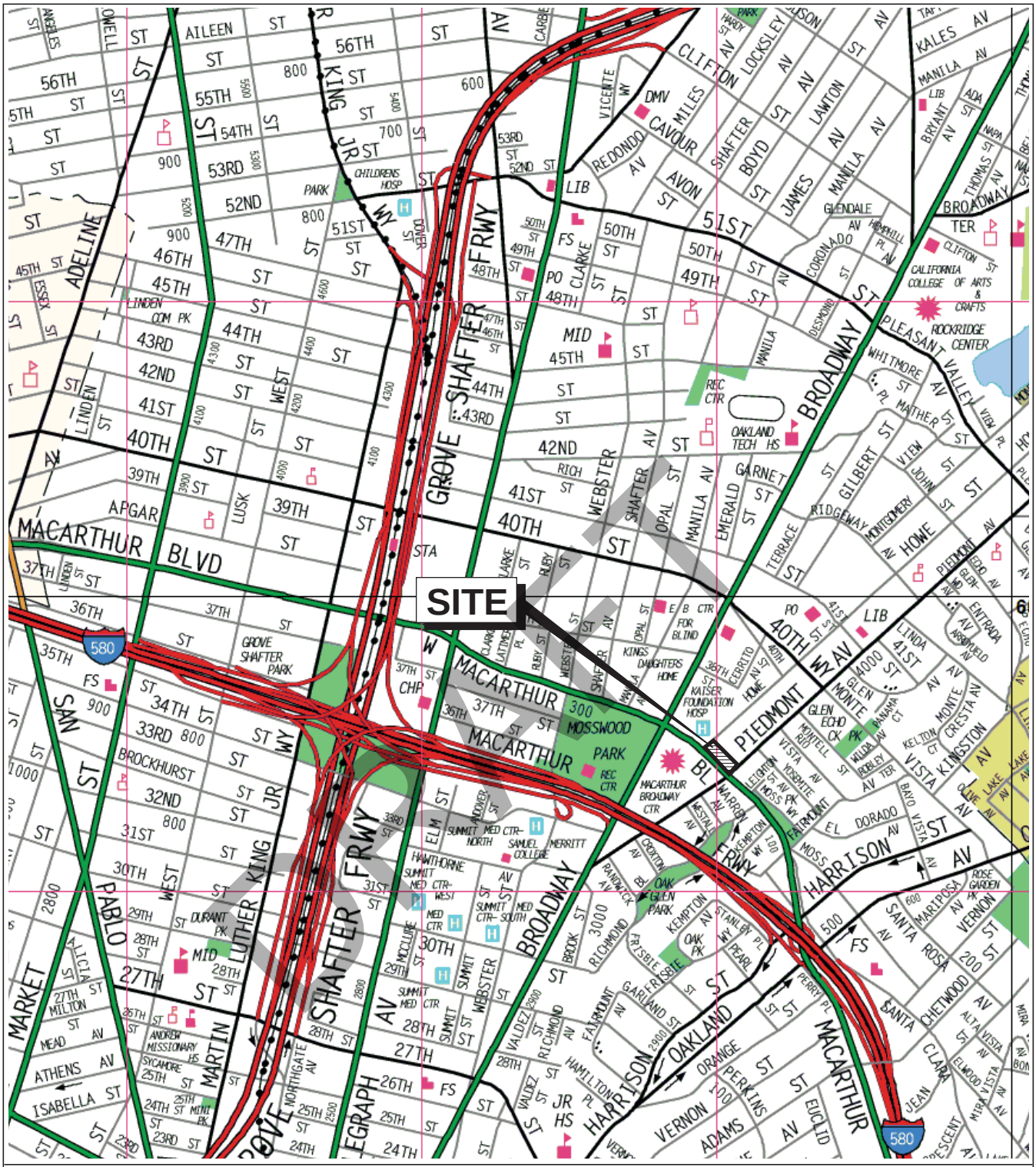
ROCKRIDGE GEOTECHNICAL

FIGURES



Base map: The Thomas Guide
Alameda County
2002

0 1/4 1/2 Mile

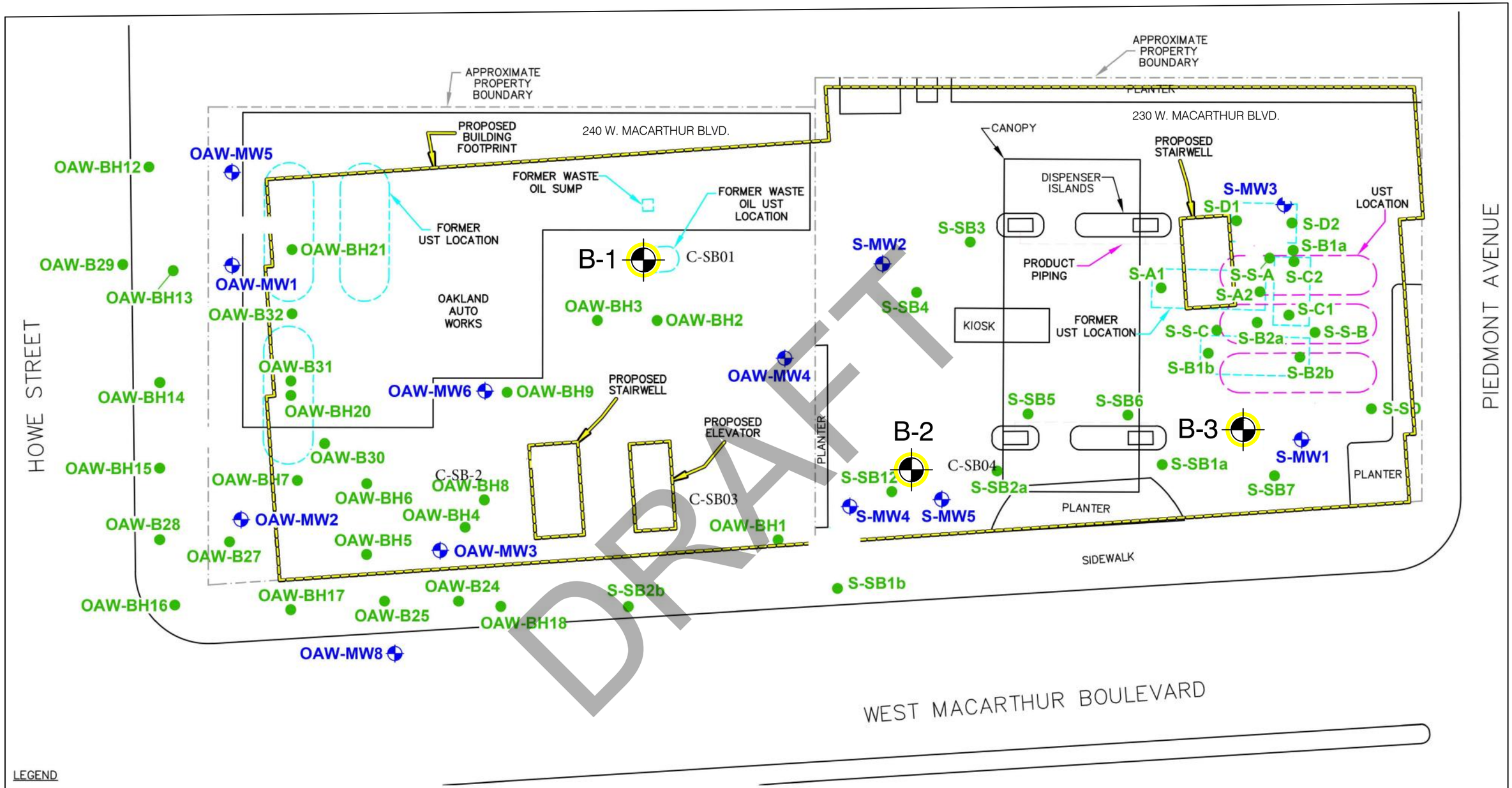
Approximate scale

230 & 240 W. MACARTHUR BOULEVARD
Oakland, California

SITE LOCATION MAP

ROCKRIDGE GEOTECHNICAL

Date 07/12/17	Project No. 17-1368	Figure 1



LEGEND

OAW-MW8	OAKLAND AUTO WORKS GROUNDWATER MONITORING WELL
OAW-BH20	OAKLAND AUTO WORKS SOIL BORING LOCATIONS (1997 THROUGH 2004)
OAW-B33	OAKLAND AUTO WORKS SOIL BORING LOCATIONS (2007)
S-MW5	SHELL GROUNDWATER MONITORING WELL
S-SB2b	SHELL SOIL BORING LOCATIONS (1986 THROUGH 2004)
C-SB01	Cardno Preconstruction Location (2017)

B-1 Approximate location of boring by Rockridge Geotechnical Inc., September 9, 2017

0 20 Feet
Approximate scale

Reference: Base map from a drawing titled "Generalized Site Plan", by Cardno, dated March 8, 2017.

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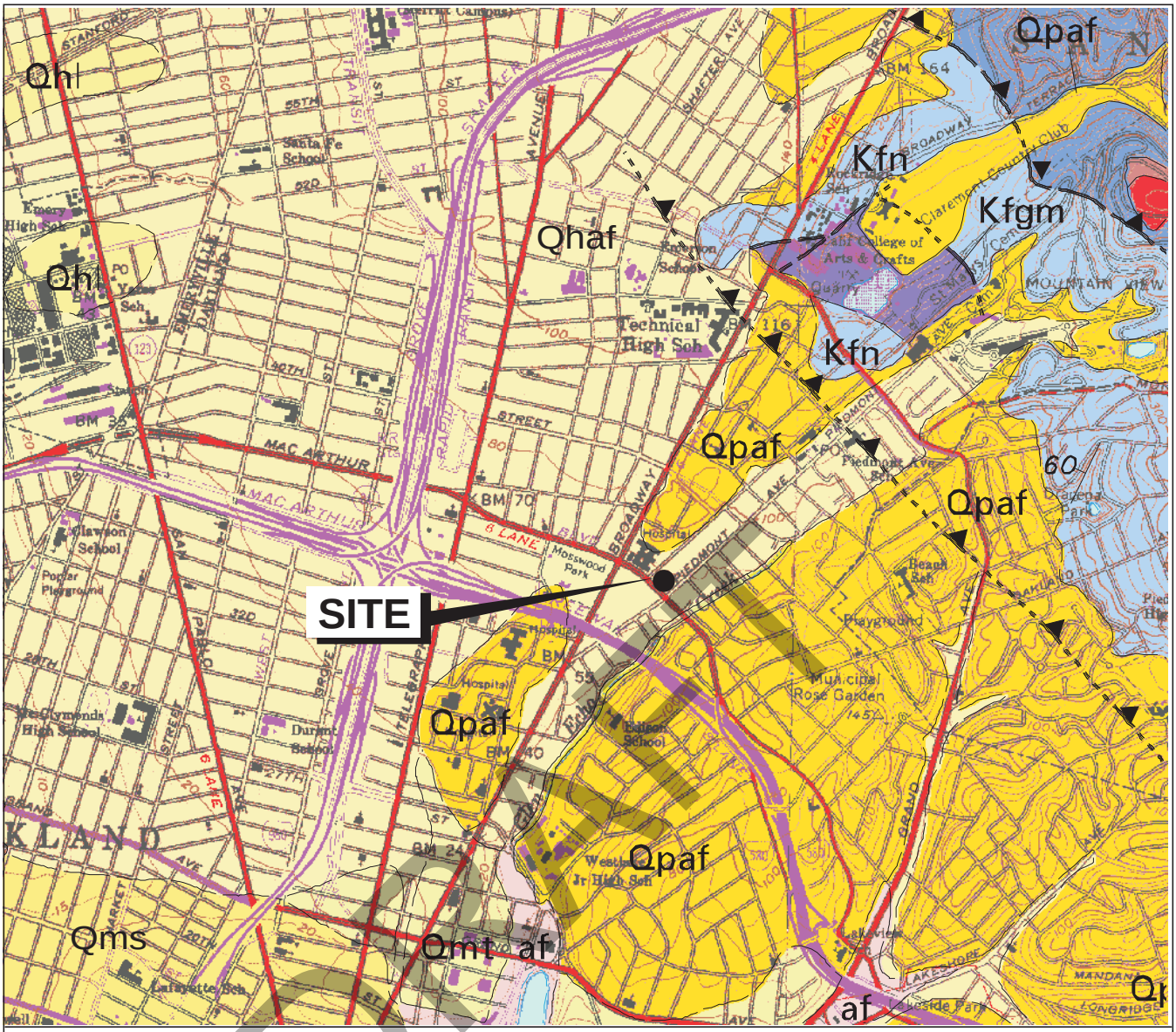
Oakland, California

SITE PLAN

Date 10/25/17	Project No. 17-1368	Figure 2

ROCKRIDGE GEOTECHNICAL



Base map: USGS MF 2342, Geologic Map and Map Database of the Oakland Metropolitan Area, Alameda, Contra Costa, and San Francisco Counties, California (Graymer, 2000).

EXPLANATION

- Contact - Depositional or intrusive contact, dashed where approximately located, dotted where concealed
- Fault - Dashed where approximately located, small dashed where inferred, dotted where concealed, queried where locations is uncertain
- Reverse or thrust fault - Dotted where concealed
- Anticline -Shows fold axis, dotted where concealed
- Syncline
- 35 Strike and dip of bedding
- Overturned bedding
- Flat bedding
- Vertical bedding
- 35 Strike and dip of foliation
- Vertical foliation
- 35 Strike and dip of joints in plutonic rocks
- Vertical joint

af	**Artificial fill (Historic)**
Qhaf	**Alluvial fan and fluvial deposits (Holocene)**
Qms	**Merrit sand (Holocene and Pleistocene)**
Qpaf	**Alluvial fan and fluvial deposits (Pleistocene)**
Qmt	**Marine terrace deposits (Pleistocene)**
Kfn	**Sandstone of the Novato Quarry terrane of Blake and others (1984) (Late Cretaceous)**

0 2,000 4,000 Feet

Approximate scale

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Oakland, California

REGIONAL GEOLOGIC MAP

ROCKRIDGE GEOTECHNICAL

Date 07/12/17	Project No. 17-1368	Figure 3

Base Map: U.S. Geological Survey (USGS), National Seismic Hazards Maps - Fault Sources, 2008.

EXPLANATION

Strike slip

Thrust (Reverse)

Normal

0 5 10 Miles

Approximate scale

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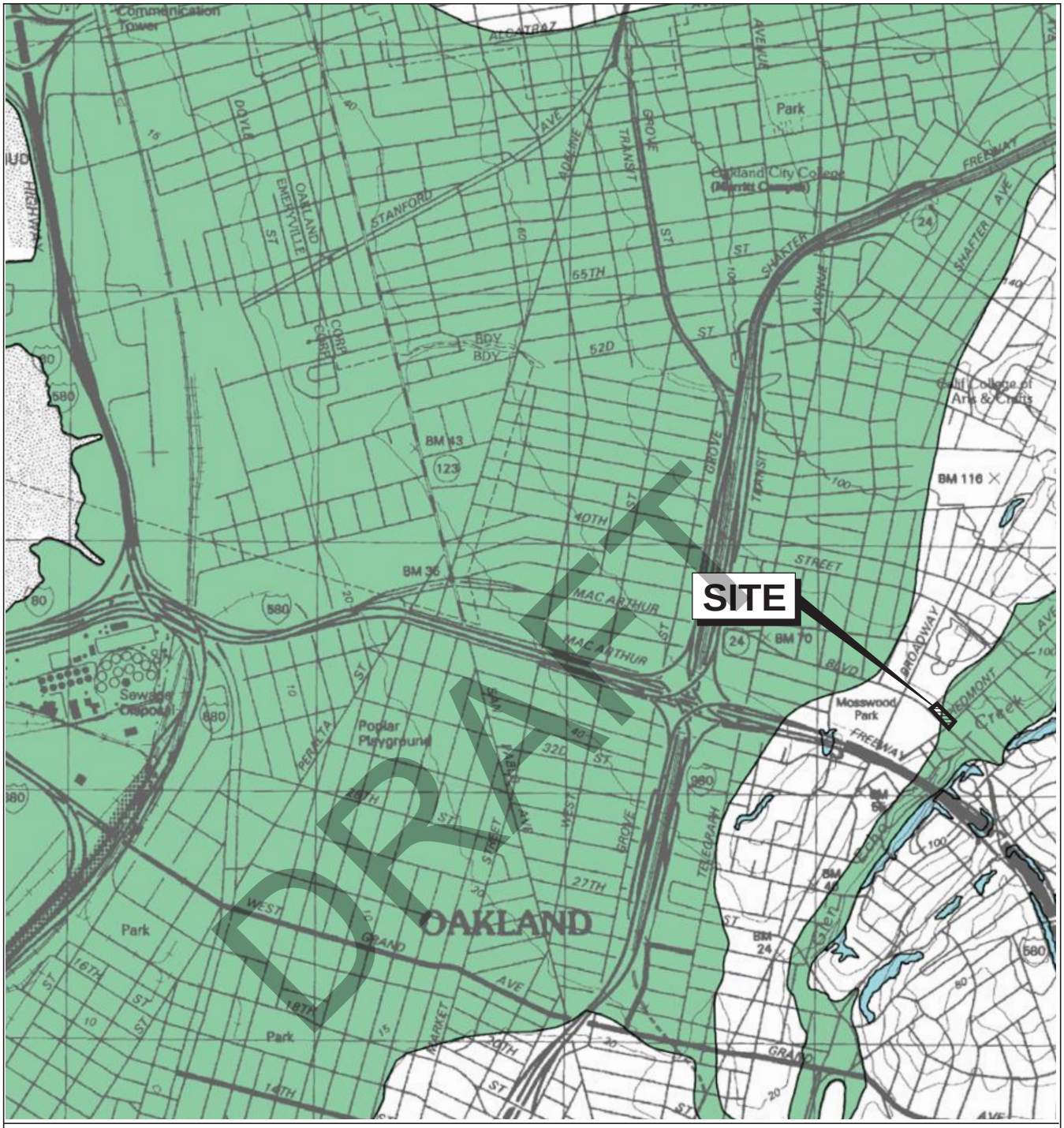
Oakland, California

REGIONAL FAULT MAP

ROCKRIDGE GEOTECHNICAL

Date 07/12/17	Project No. 17-1368	Figure 4



EXPLANATION

Liquefaction; Areas where historic occurence of liquefaction, or local topographic, geological, geotechnical, and subsurface water conditions indicate a potential for permanent ground displacements.

Earthquake-Induced Landslides; Areas where previous occurence of landslide movement, or local topographic, geological, geotechnical, and subsurface water conditions indicate a potential for permanent ground displacements.

0 2,000 4,000 Feet

Approximate scale

Reference:
State of California "Seismic Hazard Zones"
Oakland West Quadrangle.
Released on February 14, 2003

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Oakland, California

SEISMIC HAZARDS ZONE MAP

ROCKRIDGE GEOTECHNICAL

Date 07/12/17	Project No. 17-1368	Figure 5

PROJECT: **230 & 240 W. MACARTHUR BOULEVARD**
Oakland, California

Log of Boring B-1

Boring location:	See Site Plan, Figure 2
Date started:	9/9/17
Date finished:	9/9/17
Drilling method:	8-inch-diameter hollow-stem auger
Hammer weight/drop:	140 lbs./30 inches
Hammer type:	Downhole Wireline Safety
Sampler:	Sprague & Henwood (S&H), 1.5" Standard Penetration Test (SPT), California (CA)

Logged by: R. Ford
Drilled By: Cascade Drilling
Rig: CME-75 (#147)

LABORATORY TEST DATA

DEPTH (feet)	SAMPLES: Sampler Type	Sample	Blows/ 6"	SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						3 inches of asphalt						
1						9 inches of aggregate base						
2–3	CA	■	9 16 24	36	GC	CLAYEY GRAVEL with SAND (GC) red-brown with gray, dense, moist, fine subangular gravel						
4						red-brown, medium dense						
5–6	CA	■	13 13 8	19								
7	CA	●	2 2 2	4	GP	GRAVEL (GP) gray, very loose to loose, moist to wet, rounded to subrounded (perched groundwater)						
8–9	CA	■	2 2 6	7	CL	SANDY CLAY (CL) yellow brown mottled olive gray, medium stiff, moist						
10–11	CA	■	5 9 15	22		very stiff						
12	CA	■	12 15 21	32								
13	CA	■	10 16 23	35	SC	CLAYEY SAND with GRAVEL (SC) olive with red-brown oxidations, dense, moist, fine subrounded to subangular gravel						
14–15	CA	■	14 18 25	39	CL	CLAY (CL) olive-gray with red-yellow oxidations, hard, moist LL = 43, PI = 22; see Appendix B				91	31.1	
16–18	CA	■	13 25 28	47								
19–21	CA	■	13 15 24	35								
22–23					CL	SANDY CLAY (CL) light red-brown, hard, moist						
24–25					SM	SILTY SAND (SM) light red-brown to light brown, very dense, moist						
26	S&H	■	18 26 35	55								
27–29					CL	CLAY (CL) light red-brown to light yellow-brown, hard, moist						
30–31	SPT	◪	8 9 11	24		light brown, very stiff						
32												

FILL

Boring terminated at a depth of 31.5 feet below ground surface.
Boring backfilled with cement grout.
Groundwater not encountered during drilling.

[1] S&H, CA, and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.7, 0.9 & 1.2, respectively, to account for sampler type and hammer energy. SPT and CA sampler used without liners.

ROCKRIDGE GEOTECHNICAL

Project No.: 17-1368
Figure: A-1

ROCKRIDGE GEOTECHNICAL

APPENDIX A
Logs of Borings

PROJECT: **230 & 240 W. MACARTHUR BOULEVARD**
Oakland, California

Log of Boring B-2

Boring location: See Site Plan, Figure 2
Date started: 9/9/17 | Date finished: 9/9/17
Drilling method: 8-inch-diameter hollow-stem auger
Hammer weight/drop: 140 lbs./30 inches | Hammer type: Automatic hammer
Sampler: Sprague & Henwood (S&H), 1.5" Standard Penetration Test (SPT), California (CA)

Logged by: R. Ford
Drilled By: Cascade Drilling
Rig: CME-75 (#147)

DEPTH (feet)	SAMPLES: Sampler Type	Sample	Blows/ 6"	SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						7 inches of asphalt						
1					CL	2 inches of aggregate base						
						SANDY CLAY with GRAVEL (CL) FILL						
2						yellow-brown, moist, fine subangular gravel						
3	S&H	■	22 34 44	55	CL	CLAY with GRAVEL (CL) olive-gray with red-yellow oxidations, hard, moist LL = 39, PI = 24; see Appendix B					17.0	
4	SPT	◪	17 34 33	80								
5	S&H	■	8 15 28	30		very stiff to hard						
6					SC	CLAYEY SAND (SC) light brown, dense, moist						
7	SPT	◪	7 11 15	31								
8	SPT	◪	11 16 22	46		olive-brown						
9	S&H	■	8 17 26	30		olive-gray, medium dense to dense						
10					CL	CLAY (CL) light yellow to olive, hard, moist						
11	SPT	◪	7 12 14	31								
12					SC	CLAYEY SAND (SC) olive-gray, medium dense, moist						
13	SPT	◪	8 10 13	28								
14	S&H	■	6 9 17	18		moderate petroleum odor						
15					CL	CLAY with SAND (CL) light brown, very stiff, moist						
16	S&H	■	9 10 14	17								
17	CA	■	5 7 11	16		LL = 42, PI = 22; see Appendix B				77	26.0	97
18												
19												
20	S&H	■	9 12 15	19		with brown oxidations						
21												
22												
23												
24												
25	S&H	■	9 12 14	18								
26												
27												
28												
29					CL	.						
30	S&H	■	9 11 15	18		SANDY CLAY (CL) yellow, very stiff, moist				64	23.4	105
31												
32												

Boring terminated at a depth of 31.5 feet below ground surface.
Boring backfilled with cement grout.
Groundwater not encountered during drilling.

[1] S&H, CA, and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.7, 0.9 & 1.2, respectively, to account for sampler type and hammer energy. SPT and CA sampler used without liners.

ROCKRIDGE GEOTECHNICAL

Project No.: 17-1368 | Figure: A-2

PROJECT: **230 & 240 W. MACARTHUR BOULEVARD**
Oakland, California

Log of Boring B-3

Boring location: See Site Plan, Figure 2
Date started: 9/9/17 | Date finished: 9/9/17
Drilling method: 8-inch-diameter hollow-stem auger
Hammer weight/drop: 140 lbs./30 inches | Hammer type: Automatic hammer
Sampler: Sprague & Henwood (S&H), 1.5" Standard Penetration Test (SPT), California (CA)

Logged by: R. Ford
Drilled By: Cascade Drilling
Rig: CME-75 (#147)

DEPTH (feet)	SAMPLES: Sampler Type	Sample	Blows/ 6"	SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
						8 inches of concrete						
1					CL	SANDY CLAY with GRAVEL (CL) yellow-brown, moist, subangular gravel (FILL)						
2–3	S&H	■	17 35 38	51	GC	CLAYEY GRAVEL with SAND (GC) light brown, very dense, moist						
4	SPT	◪	10 22 28	60	SC	CLAYEY SAND with GRAVEL (SC) olive-gray with yellow, very dense, moist						
5–6	S&H	■	8 10 14	17		medium dense						
7	SPT	◪	10 12 15	32		olive-brown, dense						
8–9	SPT	◪	7 10 12	26		medium dense						
10	S&H	■	11 14 15	20	CL	CLAY (CL) yellow brown, very stiff, moist, trace fine-grained sand						
11–12	SPT	◪	5 7 11	22								
13	SPT	◪	8 10 13	28	SM	SILTY SAND (SM) light brown with yellow-brown, medium dense, moist						
14–15	S&H	■	10 13 16	20	SC-SM	CLAYEY SILTY SAND (SC-SM) yellow-brown, medium dense, moist LL = 22, PI = 5; see Appendix B				14	21.2	105
16	CA	■	11 12 14	23	CL	CLAY (CL) light brown, very stiff, moist						
17–18												
19–20					CL	SANDY CLAY (CL) yellow-brown mottled olive, very stiff, moist						
21	S&H	■	9 14 17	22								
22–23					SC	CLAYEY SAND (SC) light brown, medium dense, moist						
24–25					CL	CLAY (CL) gray, very stiff, moist						
26	S&H	■	8 14 17	22								
27–28												
29–30					CL	SANDY CLAY (CL) light olive, very stiff, moist						
31	SPT	◪	5 9 11	24								
32												

Boring terminated at a depth of 31.5 feet below ground surface.
Boring backfilled with cement grout.
Groundwater not encountered during drilling.

[1] S&H, CA, and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.7, 0.9 & 1.2, respectively, to account for sampler type and hammer energy. SPT and CA sampler used without liners.

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Project No.: 17-1368 | Figure: A-3

UNIFIED SOIL CLASSIFICATION SYSTEM

Major Divisions		Symbols	Typical Names
Coarse-Grained Soils (more than half of soil > no. 200 sieve size)	Gravels (More than half of coarse fraction > no. 4 sieve size)	**GW**	Well-graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels or 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 < no. 4 sieve size)	**SW**	Well-graded sands or gravelly sands, little or no fines
		SP	Poorly-graded sands or 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 soil < no. 200 sieve size)	Silts and Clays LL = < 50	**ML**	Inorganic silts and clayey silts of low plasticity, sandy silts, gravelly silts
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
		OL	Organic silts and organic silt-clays of low plasticity
	Silts and Clays LL = > 50	**MH**	Inorganic silts of high plasticity
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic silts and clays of high plasticity
Highly Organic Soils		**PT**	Peat and other highly organic soils

GRAIN SIZE CHART

Classification	Range of Grain Sizes	
	U.S. Standard Sieve Size	**Grain Size in Millimeters**
Boulders	Above 12"	Above 305
Cobbles	12" to 3"	305 to 76.2
Gravel coarse fine	3" to No. 4 3" to 3/4" 3/4" to No. 4	76.2 to 4.76 76.2 to 19.1 19.1 to 4.76
Sand coarse medium fine	No. 4 to No. 200 No. 4 to No. 10 No. 10 to No. 40 No. 40 to No. 200	4.76 to 0.075 4.76 to 2.00 2.00 to 0.420 0.420 to 0.075
Silt and Clay	Below No. 200	Below 0.075

Unstabilized groundwater level

Stabilized groundwater level

SAMPLE DESIGNATIONS/SYMBOLS

Sample taken with Sprague & Henwood or California split-barrel sampler. Darkened area indicates soil recovered

Classification sample taken with Standard Penetration Test sampler

Undisturbed sample taken with thin-walled tube

Disturbed sample

Sampling attempted with no recovery

Core sample

Analytical laboratory sample

Sample taken with Direct Push sampler

Sonic

SAMPLER TYPE

C — Core barrel

CA — California split-barrel sampler with 2.5-inch outside diameter and a 2.0-inch inside diameter (without liners)

D&M — Dames & Moore piston sampler using 2.5-inch outside diameter, thin-walled tube

O — Osterberg piston sampler using 3.0-inch outside diameter, thin-walled Shelby tube

PT — Pitcher tube sampler using 3.0-inch outside diameter, thin-walled Shelby tube

S&H — Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter

SPT — Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and a 1.5-inch inside diameter (without liners)

ST — Shelby Tube (3.0-inch outside diameter, thin-walled tube) advanced with hydraulic pressure

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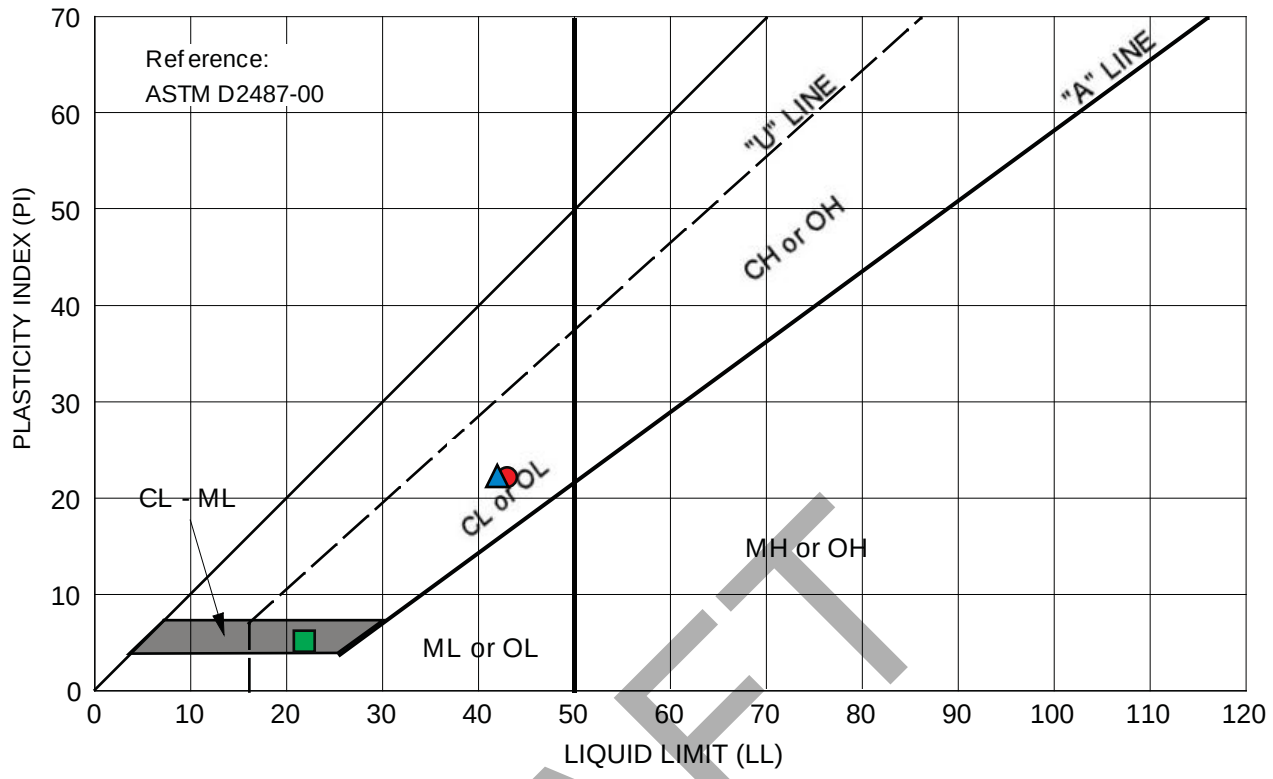
CLASSIFICATION CHART

Date 10/25/17	Project No. 17-1368	Figure A-4

ROCKRIDGE GEOTECHNICAL

APPENDIX B
Laboratory Test Results



Symbol	Source	Description and Classification	Natural M.C. (%)	Liquid Limit (%)	Plasticity Index (%)	% Passing #200 Sieve
●	B-1 at 14.0 feet	CLAY (CL), olive-gray with red-yellow oxidations	31.1	43	22	90.6
▲	B-2 at 18.0 feet	CLAY with SAND (CL), light brown	26.0	42	22	76.6
■	B-3 at 15.0	CLAYEY SAND (SC-SM), yellow-brown	21.2	22	5	14.0

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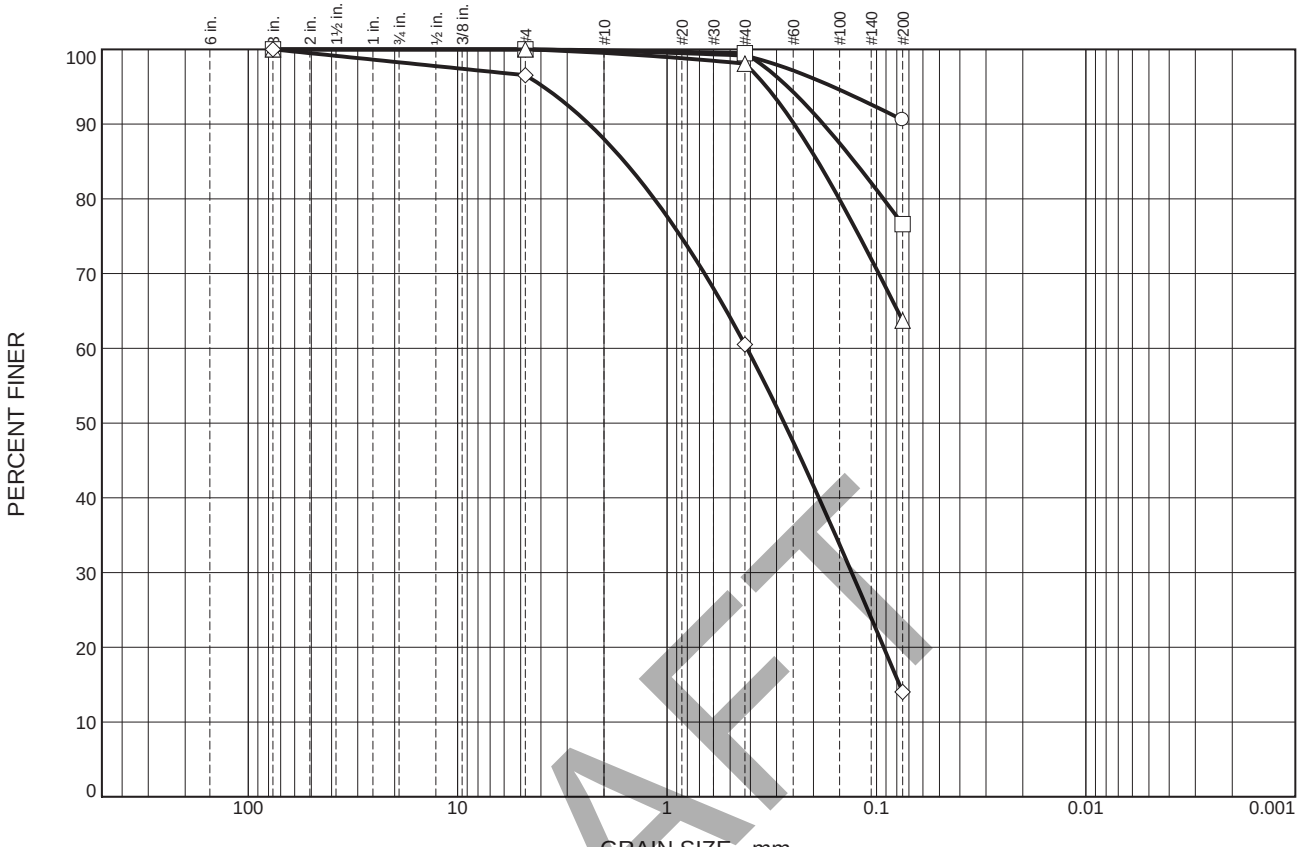
ROCKRIDGE GEOTECHNICAL

PLASTICITY CHART

Date 10/25/17 | Project No. 17-1368 | Figure B-1



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	0.0	0.2	0.6	8.6	90.6	
□	0.0	0.0	0.0	0.1	0.4	22.9	76.6	
△	0.0	0.0	0.0	0.5	1.4	34.4	63.7	
◇	0.0	1.7	1.8	8.5	27.5	46.5	14.0	

SOIL DATA

SYMBOL	SOURCE	DEPTH (ft.)	Material Description	USCS
○	B-1	14.0’	CLAY, olive-gray with red-yellow oxidations	CL
□	B-2	18.0'	CLAY with SAND, light brown	CL
△	B-2	31.0'	SANDY CLAY, yellow	CL
◇	B-3	15.0'	CLAYEY SILTY SAND, yellow-brown	SC-SM

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Oakland, California

ROCKRIDGE GEOTECHNICAL

PARTICLE SIZE DISTRIBUTION REPORT

Date 10/25/17 | Project No. 17-1368 | Figure B-2