

# ATTACHMENT 4

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UPDATED GEOTECHNICAL ENGINEERING STUDY

**UPDATED GEOTECHNICAL ENGINEERING STUDY  
PROPOSED 6-LOT SUBDIVISION  
1631 HACIENDA AVENUE, APN 403-13-004 & 403-13-005  
CAMPBELL, CALIFORNIA**

March 21, 2018  
(Revised April 12, 2018)

Prepared for

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March 21, 2018  
(Revised April 12, 2018)

File No.: 301672-001

Mr. Kenneth Leet  
Hacienda Street Holdings, LLC  
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PROJECT: PROPOSED 6-LOT SUBDIVISION  
1631 HACIENDA AVENUE, APN 403-13-004 & 403-13-005  
CAMPBELL, CALIFORNIA

SUBJECT: Updated Geotechnical Engineering Study

REF.: Proposal for a Geotechnical Engineering Study, Proposed 5-Lot  
Subdivision, 1585 Hacienda Avenue, Campbell, California by Earth  
Systems Pacific, dated January 26, 2018.

Dear Mr. Leet:

In accordance with your authorization of the above referenced proposal, this updated geotechnical engineering study has been prepared for use in development of plans and specifications for the proposed 6-Lot development at 1631 Hacienda Avenue in Campbell, California. Preliminary geotechnical recommendations for site preparation and grading; post-tensioned-slab foundations; asphalt pavement sections; exterior flatwork; utility trench backfill; site drainage and finish improvements; and observation and testing are presented herein.

As detailed plans for the proposed residences were not available at the time of this report, the preliminary recommendations contained herein should be reviewed and revised as necessary by the geotechnical engineer once detailed plans for the development become available.

We appreciate the opportunity to have provided services for this project and look forward to working with you again in the future. Please do not hesitate to contact this office if there are any questions concerning this report.

Sincerely,  
Earth Systems Pacific

  
Girmay Weldegiorgis, GE 3099  
Senior Engineer



  
Phillip Penrose  
Staff Engineer

Doc. No.: 1803-052.SER.REV1/kt



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Boring Logs (7)

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Laboratory Test Results



## **1.0 INTRODUCTION**

### **Site Setting and Description**

Earth Systems Pacific (Earth Systems) is pleased to present this Updated Geotechnical Engineering Study for the proposed six single-family residential structures, and a private street to be constructed at 1631 Hacienda Avenue in Campbell California (Figure 1). One of the lots will feature an accessory dwelling unit. The approximate center of the site is 37.2686°N latitude and 121.9789°W longitude on the United States Geological Survey's San Jose West 7.5-Minute Quadrangle, and is accessed via Hacienda Avenue, located between Harriet Avenue and Abbott Avenue. The site is currently occupied by two parcels (APN 403-13-004 & 403-13-005) with one existing residence on the southwestern portion of the site. A small shed is positioned on the western portion of the site. At the time of the investigation, the open areas of the lot were covered with weeds and scattered trees. The site was essentially flat except for a few minor surface irregularities.

### **Planned Development**

We understand that you plan to raze the existing structures on the site and construct six new single family residential structures, one accessory dwelling unit, and a new private street extending northwesterly from Hacienda Avenue. We understand the buildings will be constructed on post-tensioned, concrete slab-on-grade floors. Plans for the residences were not provided for our review, but we assumed they will be one or two story conventional light frame structures with no basements.

The recommendations contained herein should be reviewed and revised as necessary by the geotechnical engineer once detailed plans for the development become available. The preliminary layout of the proposed development is shown on Figure 2.

### **Scope of Services**

The purpose of this Geotechnical Engineering Study is to evaluate the potential geotechnical conditions which may affect development of the site and to provide design-level geotechnical engineering recommendations for the proposed project. The scope of work for this study included a general site reconnaissance, subsurface exploration, laboratory testing of selected samples, engineering evaluation of the data collected, and preparation of this written report. The analysis and subsequent recommendations are based on our understanding of the proposed development at the subject site.



The report and recommendations are intended to satisfy the requirements of Section 1803, Geotechnical Reports, of the 2016 Edition of the California Building Code (CBC), and common geotechnical engineering practice in this area at this time under similar conditions. The laboratory tests were performed in general conformance with the standards noted, as modified by common geotechnical practice in this area at this time under similar conditions.

Preliminary geotechnical recommendations for site preparation and grading, post-tensioned foundations, asphalt pavement sections, exterior flatwork, utility trench backfill, site drainage and finish improvements, and observation and testing are presented to guide the development of project plans and specifications. It is our intent that this report be used by the client to form the geotechnical basis of the design of the project as described herein, and in the preparation of plans and specifications.

Detailed evaluation of the site geology, and analysis of the soil for mold or other microbial content, infiltration rates, radioisotopes, hydrocarbons, corrosion, or other chemical properties are beyond the scope of this report. This report also does not address issues in the domain of contractors such as, but not limited to, site safety, loss of volume due to stripping of the site, shrinkage of soils during compaction, excavatability, shoring, temporary slope angles, and construction means and methods. Ancillary features such as temporary access roads, fences, swimming pools, light poles, and nonstructural fills are not within our scope and are also not addressed.

To verify that pertinent issues have been addressed and to aid in conformance with the intent of this report, it is recommended that the final grading and foundation plans be submitted to the geotechnical engineer for review.

In the event that there are any changes in the nature, design, or locations of improvements, or if any assumptions used in the preparation of this report prove to be incorrect, the conclusions and recommendations contained herein will not be considered valid unless the changes are reviewed and the conclusions of this report are verified or modified in writing by the geotechnical engineer. The criteria presented in this report are considered preliminary until such time as they are verified or modified in writing by the geotechnical engineer in the field during construction.

## **2.0 GEOLOGIC SETTING**

The site is mapped as being underlain by Holocene Alluvial Deposits (Dibblee et.al, 2000). The site is not located in a Seismic Hazards Zone as delineated by the State of California (2002) or the



County of Santa Clara (2016). According to the Seismic Hazard Zone Report for the San Jose West 7.5-Minute Quadrangle, the historic high groundwater level in the vicinity is approximately 30 feet (CGS, 2002).

The USGS Working Group on California Earthquake Probabilities (WGCEP) (1995; cited in WGCEP 2008) originally classified seismic sources in California as either Type A, B, or C. The 1997 Uniform Building Code and the 2001 California Building Code (CBC) adopted these designations and classified faults based on the rate of their seismicity and likelihood of generating damaging earthquakes. Type A sources were defined as faults that have sufficient data on the location, timing, and slip in previous earthquakes that permanent rupture boundaries can be hypothesized. Type B sources were defined as faults that have slip-rate estimates but where data on distribution and timing of previous events are inadequate to estimate recurrence intervals. Type C sources were defined as crustal shear zones where significant strain is accumulated but where knowledge is insufficient to apportion slip onto specific faults. Type A faults have generally produced the strongest earthquakes, but Type B faults are capable of producing earthquakes of significant magnitude.

The site is located within a seismically active area, but outside of Alquist-Priolo Earthquake Fault Zones. According to the *Geological Map of California* (California Geological Survey, Jennings, 2010), the closest fault to the site is the Monte Vista-Shannon (Type B) located approximately 0.9 miles southwest of the site. The closest Type A fault is the San Andreas fault located approximately 5.4 miles to the southwest of the site.

### **3.0 FIELD INVESTIGATION AND LABORATORY TESTING**

#### **Subsurface Exploration**

Subsurface exploration for the proposed residences consisted of seven borings drilled at the site on February 8, 2018. The borings were drilled using a truck mounted Mobile B-24 equipped with a 6-inch diameter, continuous-flight solid-stem auger. The exploratory borings were conducted under the direction of an Earth Systems staff engineer at the approximate locations shown on the Boring Location Map (Figure 2). The borings were sampled to maximum depths of 15 feet below the ground surface (bgs).

Soils encountered in the borings were categorized and logged in general accordance with the Unified Soil Classification System (ASTM D 2488-17). Copies of the logs for the borings are attached in Appendix A. As the borings were drilled, samples were obtained using a tube-lined barrel sampler (ASTM D 3550-17) with shoe similar to D 2937-17) and a standard penetration test (SPT) sampler (ASTM D 1586-11).



The samplers for the borings were driven with a 140-pound, safety hammer falling about 30 inches per drop using a rope and cathead. 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.

### **Subsurface Profile**

The site is underlain by approximately 4 to 15 feet of medium stiff to hard lean clay with variable percentages of sand and gravel. In Borings 1 and 3, a medium dense to dense clayey sand with gravel layer was present beneath the lean clay extending to the bottom of the borings at 15 feet bgs. In Borings 5 and 6, a medium dense clayey sand with gravel layer was followed by a stiff to very stiff sandy lean clay extending to the bottom of the borings at 10 feet bgs.

Groundwater was not encountered during our subsurface exploration to the 15-foot maximum depth explored.

### **Laboratory Testing**

A laboratory testing program was conducted on the collected samples from our subsurface investigation. The tests performed were selected on the basis of the probable design requirements and the subsurface soil conditions encountered. The results of the laboratory testing are presented on the boring logs in Appendix A, and are summarized in Appendix B.

Selected samples of the soil were tested for moisture content and dry density (ASTM D 2216-17 and D 2937-17), Atterberg Limits test (ASTM D 4318-17), and grain size analysis (ASTM D 1140-17, D 422-63/07). Copies of the laboratory test results are included in Appendix B.

## **4.0 DATA ANALYSIS**

### **Subsurface Soil Classification**

Based on the data on the boring logs, the site is assigned to Site Class D “Stiff Soil” as defined by Table 20.3-1 of ASCE 7.

### **Seismic Design Parameters**

The following seismic design parameters represent the general procedure as outlined in Section 1613 of the CBC and in ASCE 7. The values determined below are based on the 2009 National Earthquake Hazard Reduction Program (NEHRP) maps and were obtained using the United States Geological Survey’s Design Maps Web Application.



**Summary of Seismic Parameters - CBC 2016  
(Site Coordinates 37.2686 °N, 121.9789 °W)**

Mapped Short Term Spectral Response Parameter ( $S_s$ )	2.280g	
Mapped 1-second Spectral Response Parameter ( $S_1$ )	0.803g	
Site Class	D	
Site Coefficient ( $F_a$ )	1.0	$S_s \geq 1.25$
Site Coefficient ( $F_v$ )	1.5	$S_1 \geq 0.5$
Site Modified Short Term Response Parameter ( $S_{Ms}$ )	2.376g	$F_a$
Site Modified 1-second Response Parameter ( $S_{M1}$ )	1.204g	$F_v$
Design Short Term Response Parameter ( $S_{Ds}$ )	1.520g	$2/3 S_{Ms}$
Design 1-second Response Parameter ( $S_{D1}$ )	0.803 g	$2/3 S_{M1}$
Seismic Design Category	E	

### **Liquefaction**

Soil liquefaction is a phenomenon where saturated granular soils near the ground surface undergo a substantial loss of strength due to increased pore water pressure resulting from cyclic stress applications induced by earthquakes or other vibrations. In this process, the soil acquires mobility sufficient to permit both vertical and horizontal movements, if not confined, which may result in significant deformations.

The historic high groundwater level in the vicinity is reported to be approximately 30 feet below existing ground. Due to the dense nature of the sands encountered and absence of groundwater near surface, it is our opinion that the hazard posed by liquefaction at the site is low.

## **5.0 CONCLUSIONS**

### **Site Suitability**

In our opinion, the site is suitable for the proposed residential development, from a geotechnical engineering standpoint, provided the recommendations included in this report are followed. The primary geotechnical concerns at the site are ground shaking due to seismic activities in one for the nearby faults and the loose consistency of the upper soil following demolition.

### **Soil Expansion Potential**

Laboratory testing of the near-surface soils resulted in a Plasticity Index of 7, indicating a low expansion potential. Thus, measures other than moistening and compacting the soils are not considered necessary to mitigate soil expansion.



### **Site Preparation and Grading**

After the demolition of the existing buildings and associated structures, ground disturbance will occur which may impact the performance of certain improvements constructed at grade, such as foundations, flatwork, etc. Due to the disturbance resulting from demolition activities, a remedial grading program consisting of removal (over-excavation) and recompaction of the upper soil is recommended to provide more uniform support for the residences. Ground in areas to accept fill, foundations, asphalt pavement, flatwork, and other improvements should be over-excavated to undisturbed soil and backfilled to grade as described in the Recommendations section of this report.

Additional anticipated grading work for the new residences will include placement of new utility lines, driveways, and flatwork. Grading operations are discussed in detail in the Recommendations section of this report.

### **Foundations**

We anticipate that the lots will be constructed using post-tensioned slab foundations. Recommendations contained herein should be considered preliminary until such time as grading and foundation plans have been reviewed by Earth Systems.

### **Groundwater**

Groundwater was not encountered during the current subsurface exploration to the maximum depth explored at 15 feet below the existing ground surface. The historic high groundwater level in the vicinity is reported to be approximately 30 feet below existing ground. Groundwater is not anticipated to have an adverse impact on the construction or performance of the development.

### **Seismicity**

The San Francisco Bay area is recognized by geologists and seismologists as one of the most seismically active regions in the United States. The significant earthquakes in this area are generally associated with crustal movement along well-defined, active fault zones which regionally trend in a northwesterly direction. Although research on earthquake prediction has greatly increased in recent years, seismologists cannot predict when and where an earthquake will occur. Nevertheless, on the basis of current technology, it is reasonable to assume that the proposed development will be subjected to at least one moderate to severe earthquake during its lifetime. During such an earthquake, the danger from fault offset on the site is low, but strong shaking of the site is likely to occur and, therefore, the project should be designed in accordance with the seismic design provisions of the latest CBC. It should be understood that the CBC seismic design parameters are not intended to prevent structural damage during an earthquake, but to reduce damage and minimize loss of life.



## **6.0 RECOMMENDATIONS**

### **Site Preparation and Grading**

1. The site should be prepared for grading by removing the existing buildings, their foundations, and associated utilities, existing vegetation, trees and their root systems, debris, and other potentially deleterious materials from areas to receive fill and/or improvements. The site preparation operations should be observed by the geotechnical engineer prior to continuing grading.
2. Existing utility lines that will not remain in service should be either removed or abandoned. The appropriate method of utility abandonment will depend upon the type, depth, and location of the utility. Recommendations for abandonment can be made as necessary.
3. The depressions resulting from the removal of foundations, utilities and trees should be reviewed by the geotechnical engineer to determine the need for additional excavation work. Once approved, the bottom of the depressions should be scarified and cross-scarified 8 inches in depth, moisture conditioned, and re-compacted. The depression should then be backfilled with approved, compacted, moisture conditions structural fill, as recommended in the other sections of this report.
4. It is likely that demolition of the existing residential structures and detached appurtenant structures will disturb the existing ground. Therefore, we recommend that the soil in areas to receive building foundations, flatwork, or other improvements, where disturbed by demolition be removed (over-excavated) to a depth of 12 to 24 inches below existing grade and recompact where necessary. The excavations should be reviewed by an Earth Systems representative where disturbed by demolition efforts.
5. The lateral extent of the over-excavation should extend at least 5 feet beyond the perimeter of the proposed improvements, as determined in the field by the geotechnical engineer during grading operations. If disturbed soil, soft soil, undocumented fill, or debris are encountered after the removal the upper soil, additional over-excavation should be performed until identified undocumented fill, loose disturbed soil, or debris are removed from the building footprint. Once clean undisturbed soil is encountered, the bottom of the excavation should be scarified, moisture conditioned, and re-compacted as described later in this section.



6. We anticipate the majority of the exposed ground at the foundation level to consist of medium stiff to stiff lean clays with variable percentages of clay or gravel. If adverse soils such as soft soils are encountered, additional remediation measures may be required.
7. Over-excavated material can be re-used as fill provided it is cleared of excessive quantities of organics or other potentially deleterious materials.
8. Imported structural fill soil should be low-expansive material. To qualify as low-expansive import material, the soil should meet the following criteria:
  - a. Be coarse grained and have a plasticity index of less than 15 and/or an expansion index less than 20;
  - b. Be free of organics, debris or other deleterious material;
  - c. Have a maximum rock size of 3 inches; and
  - d. Contain sufficient clay binder to allow for stable foundation and utility trench excavations.
9. Approved fill materials, either native or imported, should be compacted to a minimum relative compaction of 90 percent, unless specifically stated otherwise in other paragraphs of this report. Relative compaction criteria will be based on the laboratory test procedure ASTM D1557-12. Fill materials should be placed in thin lifts suitable to achieve the desired compaction. Compacted or recompacted native soil should be placed at a moisture content at least two percentage points above the optimum value determined from ASTM test procedure D1557-12.
10. In general, prior to placement of fill or construction of foundations on the site, the approved underlying soil should be scarified and cross scarified at least 8 inches, moisture conditioned, and recompacted to the recommended relative compaction presented below, unless otherwise noted. This scarification operation should be performed at locations designated for proposed structural fill, concrete slabs-on-grade, foundations, driveways, and other improvement areas.
11. Grading in the project area should be designed to prevent ponding and provide controlled runoff to appropriate storm drainage collection facilities.
12. Shallow subsurface conditions not encountered during the exploratory drilling may be exposed during grading that cannot be foreseen at this time. Therefore, it is recommended that site preparation and grading operations be performed under the



observation of Earth Systems so that actual conditions can be evaluated in the field as the job progresses. We should be notified at least 48 hours prior to commencement of grading operations so that arrangements can be made to provide observation and soil testing services.

### Post-Tensioned Slab Foundations

1. The post-tensioned slabs should be designed in accordance with the provisions of the current edition of the California Building Code and the recommendations of the Post-Tensioning Institute. Values for Edge Moisture Variation Distance and Estimated Differential Swell were calculated in accordance with the third edition of *Design of Post-Tensioned Slabs-on-Ground* by the Post-Tensioning Institute (2008).

Edge Moisture Variation Distance ( $e_m$ )	
Center Lift Condition	9.0 feet
Edge Lift Condition	5.2 feet
Estimated Differential Swell ( $y_m$ )	
Center Lift Condition	0.7 inches
Edge Lift Condition	1.0 inches
Allowable Bearing Capacity (dead load)	1,500 psf
Allowable Bearing Capacity (dead + live loads)	2,000 psf
Allowable Bearing Capacity (DL+LL+ wind or seismic)	2,500 psf
Subgrade Friction Factor (slab against subgrade)	0.3
Total settlement (static)	< 1 inch
Differential settlement (static)	< 0.5 inches

2. The building pad should be periodically moisture conditioned as necessary to maintain the soil moisture content at a minimum of 2 percent above optimum until the placement of concrete or vapor retarding membranes. The moisture content of the soil should be tested by the geotechnical engineer prior to placement of the concrete or vapor retarding membranes.
3. In areas where moisture transmitted from the subgrade would be undesirable, a vapor retarder underlain by a capillary break consisting of 4 inches of crushed rock should be utilized beneath the floor slab. The vapor retarder should comply with ASTM Standard Specification E 1745-17 and the latest recommendations of ACI Committee 302. The vapor retarder should be installed in accordance with ASTM Standard Practice E 1643-17. Care should be taken to properly lap and seal the vapor retarder, particularly around



utilities, and to protect it from damage during construction. A sand layer above the vapor retarder is optional.

4. If sand, gravel or other permeable material is to be placed over the vapor retarder, the material over the vapor retarder should be only lightly moistened and not saturated prior to casting the slab. Excess water above the vapor retarder would increase the potential for moisture damage to floor coverings. Recent studies, including those by ACI Committee 302, have concluded that excess water above the vapor retarder would increase the potential for moisture damage to floor coverings and could increase the potential for mold growth or other microbial contamination. These studies also concluded that it is preferable to eliminate the sand layer and place the slab in direct contact with the vapor retarder, particularly during wet weather construction. However, placing the concrete directly on the vapor retarder would require special attention to using the proper vapor retarder, concrete mix design, and finishing and curing techniques.
5. When concrete slabs are in direct contact with vapor retarders, the concrete water to cement (w/c) ratio must be correctly specified to control bleed water and plastic shrinkage and cracking. The concrete w/c ratio for this type of application is typically in the range of 0.45 to 0.50. The concrete should be properly cured to reduce slab curling and plastic shrinkage cracking. Concrete materials, placement, and curing methods should be specified by the architect/engineer.
6. To further protect moisture-sensitive floor coverings, the perimeters of the post-tensioned slabs should be deepened to penetrate a minimum of 4 inches into the subgrade soil. Also, the concrete could be proportioned to reduce its porosity (and its corresponding potential for transmitting moisture) by limiting the w/c ratio to 0.48 or less.
7. Post-tensioned slabs should be constructed and maintained in accordance with the publication *Construction and Maintenance Manual for Post-Tensioned Slab-on-Ground Foundations* by the Post-Tensioning Institute. Particular attention should be paid to the "Property Owner Maintenance" and "Landscaping" sections of the Manual.

### **Asphalt Pavement Sections**

1. The asphalt pavement design sections were developed using the State of California Highway Design Manual, Chapter 630-Flexible Pavement. An R-Value of 16 was used for the native soil based on our laboratory testing. For design we have assumed an R-Value



of 10 to account for variation in the subgrade soils. Determination of the appropriate TI for each area to be paved is the province of the civil engineer and the governing jurisdiction. The calculated asphalt concrete (AC) and aggregate base (AB) thicknesses are for compacted subgrade material. Normal Caltrans construction tolerances should apply. The aggregate base should conform to Caltrans Class 2.

R-value	Traffic Index	AC Thickness	Class 2 Base Thickness
16	4.0	2.5"	7"
16	4.5	2.5"	8.5"
16	5.0	3.0"	9"
16	5.5	3.0"	11"
16	6.0	3.5"	11.5"
16	6.5	4.0"	12.5"
16	7.0	4.0"	14.5"

- Soil subgrade beneath pavement areas should be compacted to a minimum of 92 percent of maximum dry density. Import aggregate base, conforming to Caltrans Class 2 aggregate base, should be compacted to at least 95 percent relative compaction based on the laboratory test procedure ASTM D1557-12. The pavement subgrade soils should be periodically moistened as necessary prior to placement of the aggregate base to maintain the soil moisture content near optimum.
- Soil subgrade and aggregate base in pavement area should be proof rolled with heavy, rubber-tired equipment prior to paving. The ground should be non-yielding under this loading prior to the placement of subsequent pavement section courses.

**Exterior Flatwork**

- Exterior flatwork should have a minimum thickness of 4 full inches and should be reinforced as directed by the architect/engineer.
- Traffic bearing flatwork should be underlain by a minimum of 6 inches of aggregate base. Due to the low expansion potential of the upper soil, exterior flatwork can be cast directly on the compacted subgrade soil. However, a layer of non-expansive material, such as aggregate base, would enhance flatwork performance. Prior to placement of the non-expansive material, the soil surface in the flatwork area should be at or above optimum moisture content, and no desiccation cracks should be present.



3. Assuming that movement (i.e., ¼-inch or more) of exterior flatwork beyond the structure is acceptable, the flatwork should be designed to be independent of the building foundations. The flatwork should not be doveled to foundations, and a separator should be placed between the two. If differential movement of flatwork is considered undesirable, the flatwork should be designed and constructed in roughly the same manner as the structure slabs, and reinforced footings should be provided around the perimeter of the flatwork.

#### **Utility Trench Backfill**

1. A select, noncorrosive, granular, easily compacted material should be used as bedding and shading immediately around utility pipes. The site soils may be used for trench backfill above the select material.
2. Trench backfill in the upper 8 inches of subgrade beneath pavement areas should be compacted to a minimum of 92 percent of maximum dry density. Trench backfill in other areas should be compacted to a minimum of 90 percent of maximum dry density. Jetting of utility trench backfill should not be allowed.
3. Where utility trenches extend under perimeter foundations, the trenches should be backfilled entirely with native soil compacted to a minimum of 90 percent of maximum dry density. The zone of native soil should extend a minimum distance of 2 feet on both sides of the foundation. If utility pipes pass through sleeves cast into the perimeter foundations, the annulus between the pipes and sleeves should be sealed.
4. Parallel trenches excavated in the area under foundations defined by a plane radiating at a 45-degree angle downward from the bottom edge of the footing should be avoided, if possible. Trench backfill within this zone, if necessary, should consist of Controlled Density Fill (Flowable Fill).
5. Where trenches pass from landscape areas to pavement areas, at least a 4-foot length of trench, centered on the curb line, should be backfilled with native soil to reduce the potential for lateral migration of water from the planter to the pavement area.

#### **Site Drainage and Finish Improvements**

1. Unpaved ground surfaces should be finish graded to direct surface runoff away from site improvements at a minimum 5 percent grade for a minimum distance of 10 feet. If this is not practicable due to the terrain or other site features, swales with improved surfaces should be provided to divert drainage away from improvements. The landscaping should be planned and installed to maintain proper surface drainage conditions.



2. Runoff from driveways, roof gutters, downspouts, planter drains and other improvements should discharge in a non-erosive manner away from foundations, pavements, and other improvements. It is recommended that the downspouts discharge onto splash blocks that direct runoff to an approved discharge point.
3. The site should be graded so that runoff is not allowed to flow in an uncontrolled manner over cut, fill, or natural slopes.
4. Stabilization of surface soils, particularly those disturbed during construction, by vegetation or other means during and following construction is essential to protect the site from erosion damage. Care should be taken to establish and maintain vegetation.
5. Raised planter beds adjacent to foundations should be provided with sealed sides and bottoms so that irrigation water is not allowed to penetrate the subsurface beneath foundations. Outlets should be provided in the planters to direct accumulated irrigation water away from foundations.
6. Irrigation systems should be controlled to the minimum levels that will sustain the vegetation without saturating the soil.
7. Bio-retention swales constructed within 10 feet or less from the building foundation should be lined with a 20-mil pond liner.

#### **Geotechnical Observation and Testing**

1. It must be recognized that the recommendations contained in this report are based on a limited subsurface investigation and rely on continuity of the subsurface conditions encountered.
2. It is assumed that the geotechnical engineer will be retained to provide consultation during the design phase, to interpret this report during construction, and to provide construction monitoring in the form of testing and observation.
3. Unless otherwise stated, the terms "compacted" and "re-compacted" refer to soils placed in level lifts not exceeding 8 inches in loose thickness and compacted to a minimum of 90 percent of maximum dry density. The standard tests used to define maximum dry density and field density should be ASTM D 1557-12 and ASTM D 6938-17, respectively, or other methods acceptable to the geotechnical engineer and jurisdiction.



4. Unless otherwise stated, “moisture conditioning” refers to adjusting the soil moisture to at least optimum moisture prior to application of compaction effort.
5. At a minimum, the following should be provided by the geotechnical engineer:
  - Review of grading and foundation plans as they near completion,
  - Professional observation during site preparation, grading, and foundation construction,
  - Oversight of soil compaction testing during grading,
  - Oversight of soils special inspection during grading.
6. Special inspection of grading should be provided as per Section 1705.6 and Table 1705.6 of the CBC; the soils special inspector should be under the direction of the geotechnical engineer. In our opinion, the following operations should be subject to *continuous* soils special inspection:
  - Overexcavation to the recommended depth,
  - Scarification and recompaction,
  - Fill placement and compaction.
7. In our opinion, the following operations may be subject to *periodic* soils special inspection; subject to approval by the Building Official:
  - Site preparation,
  - Proposed imported materials,
  - Compaction of subgrade and aggregate base,
  - Compaction of utility trench backfill,
  - Building pad moisture conditioning.
8. It will be necessary to develop a program of quality control prior to beginning grading. It is the responsibility of the owner, contractor, or project manager to determine any additional inspection items required by the architect/engineer or the governing jurisdiction.
9. The locations and frequencies of compaction tests should be as per the recommendations of the geotechnical engineer at the time of construction. The recommended test locations and frequencies may be subject to modification by the geotechnical engineer based upon soil and moisture conditions encountered, the size and type of equipment used by the contractor, the general trend of the compaction test results, and other factors.



10. A preconstruction conference among a representative of the owner, the geotechnical engineer, the soils special inspector, the architect/engineer, and contractors is recommended to discuss planned construction procedures and quality control requirements. Earth Systems should be notified at least 48 hours prior to beginning grading operations.

## **7.0 CLOSURE**

This report is valid for conditions as they exist at this time for the type of project described herein. Our intent was to perform the investigation in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the locality of this project at this time under similar conditions. No representation, warranty, or guarantee is either expressed or implied. This report is intended for the exclusive use by the client as discussed in the Scope of Services section. Application beyond the stated intent is strictly at the user's risk.

If changes with respect to the project type or location become necessary, if items not addressed in this report are incorporated into plans, or if any of the assumptions stated in this report are not correct, Earth Systems should be notified for modifications to this report. Any items not specifically addressed in this report should comply with the CBC and the requirements of the governing jurisdiction.

The preliminary recommendations of this report are based upon the geotechnical conditions encountered during the investigation, and may be augmented by additional requirements of the architect/engineer, or by additional recommendations provided Earth Systems based on conditions exposed at the time of construction.

If Earth Systems is not retained to provide construction observation and testing services, it will not be responsible for the interpretation of the information by others or any consequences arising there from.

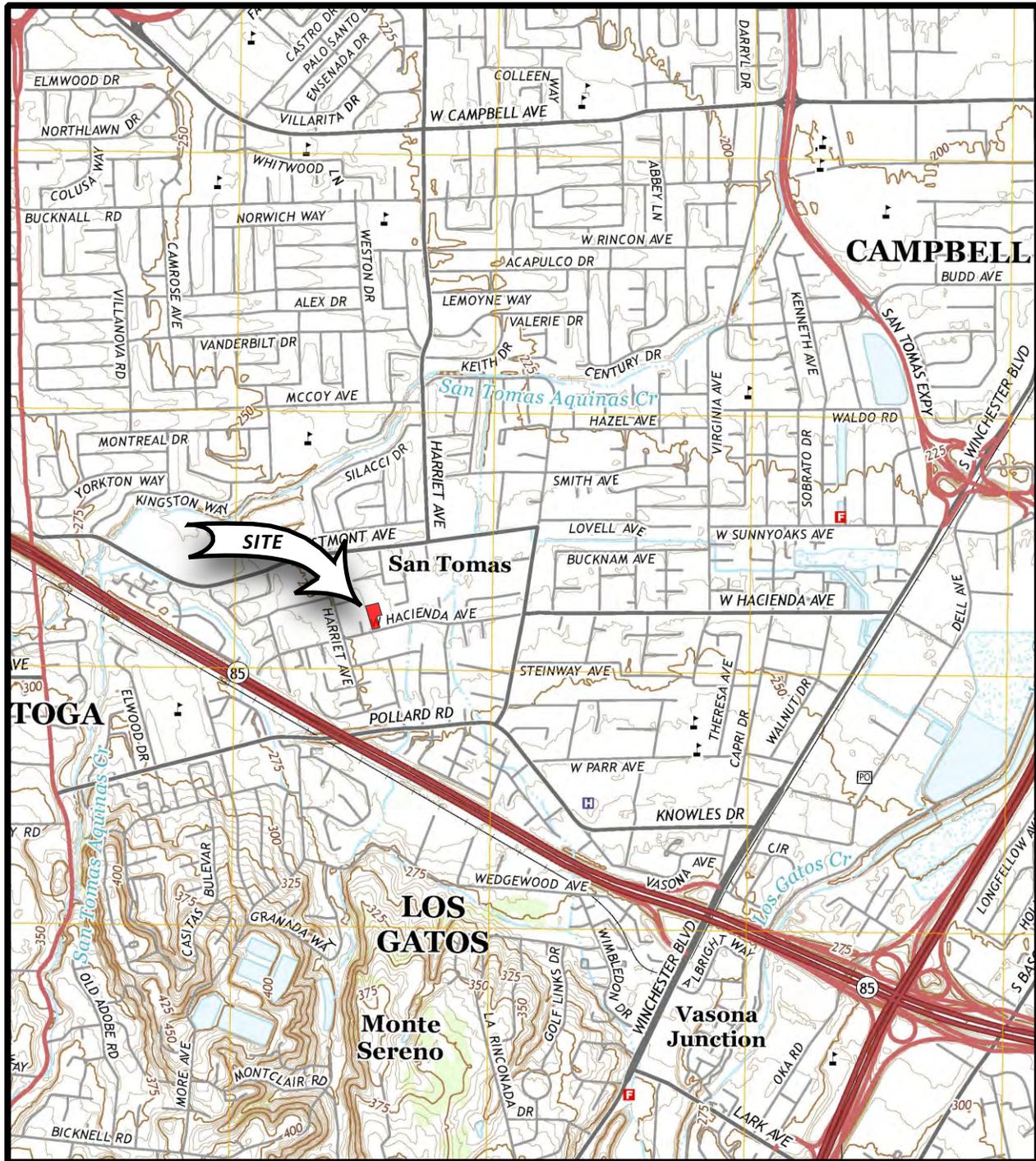
This document, the data, conclusions, and recommendations contained herein are the property of Earth Systems. This report should be used in its entirety, with no individual sections reproduced or used out of context. Copies may be made only by Earth Systems, the client, and his authorized agents for use exclusively on the subject project. Any other use is subject to federal copyright laws and the written approval of Earth Systems.

Thank you for this opportunity to have been of service. Please feel free to contact this office at your convenience if you have any questions regarding this report.

## **FIGURES**

Figure 1 – Site Location Map  
Figure 2 – Boring Location Map

Figure 1



Approximate Scale 1: 24,000



Base: USGS (2015) San Jose West 7.5-Min Quadrangle



**Earth Systems Pacific**

Proposed 6-Lot Subdivision  
1631 Hacienda Avenue  
Campbell, California

**Site Location Map**

301672-001



Approximate Scale in Feet

 **B-7** Approximate boring location



Base: Google Earth (2018) and Grading Plan by VER Consultants (2018)



**Earth Systems Pacific**

**Proposed 6-Lot Subdivision**  
 1631 Hacienda Avenue  
 Campbell, California

**Boring Location Map**  
 301672-001

**APPENDIX A**

Boring Logs (7)



# Earth Systems Pacific

Boring No. 1

LOGGED BY: P. Penrose  
 DRILL RIG: Mobile B-24  
 AUGER TYPE: 6" Solid Stem

PAGE 1 OF 1  
 JOB NO.: 301672-001  
 DATE: 2/8/2018

DEPTH (feet)	USCS CLASS	SYMBOL	<b>Proposed 6-Lot Subdivision</b> <b>1631 Hacienda Avenue</b> <b>APN 403-13-004 &amp; 403-13-005</b> <b>Campbell, California</b>		SAMPLE DATA						
					INTERVAL (feet)	SAMPLE NUMBER	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.	POCKET PEN (t.s.f)
			SOIL DESCRIPTION								
0	CL		SANDY LEAN CLAY with GRAVEL; medium stiff, strong brown, moist		1.0-2.5	1-1		124.2	11.9	2	>4.5
1			3								
2			5								
3											
4											
5											
6											
7			-very stiff, brown		3.5-5.0	1-2		119.9	10.3	9	>4.5
8	17										
9	18										
10											
11											
12											
13											
14											
15	SC		CLAYEY SAND with GRAVEL; dense, orangish brown, moist, fine to coarse gravel, fine to coarse sand		8.5-10.0	1-3		118.1	4.6	36	>4.5
16			40								
17	24										
18											
19											
20											
21											
22											
23											
24											
25											
26											
27			-fine to coarse gravel		13.5-15.0	1-4				27	>4.5
28	22										
29	26										
30											
31											
32											
33											
34											
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LOGGED BY: P. Penrose  
 DRILL RIG: Mobile B-24  
 AUGER TYPE: 6" Solid Stem

PAGE 1 OF 1  
 JOB NO.: 301672-001  
 DATE: 2/8/2018

DEPTH (feet)	USCS CLASS	SYMBOL	Proposed 6-Lot Subdivision 1631 Hacienda Avenue APN 403-13-004 & 403-13-005 Campbell, California		SAMPLE DATA						
			SOIL DESCRIPTION		INTERVAL (feet)	SAMPLE NUMBER	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.	POCKET PEN (t.s.f)
0	CL		SANDY LEAN CLAY with GRAVEL; medium stiff, strong brown, moist								
1											
2											4
3											5
4											7
5											13
6											16
7											
8											
9											
10										9	
11			Bottom of boring at 10' Groundwater not encountered							7	
12										9	
13											
14											
15											
16											
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18											
19											
20											
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23											
24											
25											
26											

LEGEND: 2.5" Mod Cal Sample    Bulk Sample    2.0" Mod Cal Sample    SPT    Groundwater

NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.



# Earth Systems Pacific

Boring No. 3

LOGGED BY: P. Penrose  
 DRILL RIG: Mobile B-24  
 AUGER TYPE: 6" Solid Stem

PAGE 1 OF 1  
 JOB NO.: 301672-001  
 DATE: 2/8/2018

DEPTH (feet)	USCS CLASS	SYMBOL	<b>Proposed 6-Lot Subdivision</b> <b>1631 Hacienda Avenue</b> <b>APN 403-13-004 &amp; 403-13-005</b> <b>Campbell, California</b>		SAMPLE DATA						
					INTERVAL (feet)	SAMPLE NUMBER	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.	POCKET PEN (t.s.f)
			SOIL DESCRIPTION								
0	CL		LEAN CLAY with SAND and GRAVEL; medium stiff, dark brown, moist, rootlets							3	
1										2	
2	SC		CLAYEY SAND with GRAVEL; medium dense, orangish brown, moist, fine to coarse gravel, fine to coarse sand		1.0-2.5	3-1				3	1.75
3											
4										17	
5					3.5-5.0	3-2		108.2	8.9	11	
6										16	
7											
8											
9			-dense, borderline clayey gravel								
10					8.5-10.0	3-3				12	
11										16	
12										18	
13											
14										20	
15					13.5-15.0	3-4				23	
16			Bottom of boring at 15' Groundwater not encountered							29	
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											

LEGEND: 2.5" Mod Cal Sample    Bulk Sample    2.0" Mod Cal Sample    SPT    Groundwater

NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.



# Earth Systems Pacific

Boring No. 4

LOGGED BY: P. Penrose  
 DRILL RIG: Mobile B-24  
 AUGER TYPE: 6" Solid Stem

PAGE 1 OF 1  
 JOB NO.: 301672-001  
 DATE: 2/8/2018

DEPTH (feet)	USCS CLASS	SYMBOL	<b>Proposed 6-Lot Subdivision</b> <b>1631 Hacienda Avenue</b> <b>APN 403-13-004 &amp; 403-13-005</b> <b>Campbell, California</b>  <b>SOIL DESCRIPTION</b>	SAMPLE DATA						
				INTERVAL (feet)	SAMPLE NUMBER	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.	POCKET PEN (t.s.f)
0	CL		LEAN CLAY with SAND; medium stiff, brown, moist, some gravel, rootlets [R-value = 16]	0.0-3.0	Bag A					
1										
2				1.0-2.5	4-1		109.7	12.6	3	
3	CL		SANDY LEAN CLAY; hard, light brown, moist, few gravel  -gray, black and orange brown mottling						3	
4										3
5				3.5-5.0	4-2		115.4	13.7	13	
6									15	
7									22	
8										
9										
10				8.5-10.0	4-3				14	
11			Bottom of boring at 10' Groundwater not encountered						13	
12									23	
13										
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16										
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23										
24										
25										
26										

LEGEND: 2.5" Mod Cal Sample    Bulk Sample    2.0" Mod Cal Sample    SPT    Groundwater

NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.



# Earth Systems Pacific

Boring No. 5

LOGGED BY: P. Penrose  
 DRILL RIG: Mobile B-24  
 AUGER TYPE: 6" Solid Stem

PAGE 1 OF 1  
 JOB NO.: 301672-001  
 DATE: 2/8/2018

DEPTH (feet)	USCS CLASS	SYMBOL	SAMPLE DATA							
			INTERVAL (feet)	SAMPLE NUMBER	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.	POCKET PEN (t.s.f)	
<b>Proposed 6-Lot Subdivision</b> <b>1631 Hacienda Avenue</b> <b>APN 403-13-004 &amp; 403-13-005</b> <b>Campbell, California</b>  <b>SOIL DESCRIPTION</b>										
0	CL		LEAN CLAY with SAND and GRAVEL; medium stiff, brown, moist, rootlets	1.0-2.5	5-1		114.9	10.2	3 3 5	3.5
1										
2	SC		CLAYEY SAND with GRAVEL; medium dense, reddish brown, moist, fine to coarse sand, fine to coarse gravel	3.5-5.0	5-2		122.6	5.9	12 8 10	
3										
4			-cobble, borderline clayey gravel							
5										
6	CL		SANDY LEAN CLAY; stiff, light brown, moist, trace gravel	8.5-10.0	5-3				8 6 9	
7										
8										
9			Bottom of boring at 10'							
10			Groundwater not encountered							
11										
12										
13										
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22										
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24										
25										
26										

LEGEND: 2.5" Mod Cal Sample    Bulk Sample    2.0" Mod Cal Sample    SPT    Groundwater

NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.



# Earth Systems Pacific

Boring No. 6

LOGGED BY: P. Penrose  
 DRILL RIG: Mobile B-24  
 AUGER TYPE: 6" Solid Stem

PAGE 1 OF 1  
 JOB NO.: 301672-001  
 DATE: 2/8/2018

DEPTH (feet)	USCS CLASS	SYMBOL	<b>Proposed 6-Lot Subdivision</b> <b>1631 Hacienda Avenue</b> <b>APN 403-13-004 &amp; 403-13-005</b> <b>Campbell, California</b>  <b>SOIL DESCRIPTION</b>	SAMPLE DATA						
				INTERVAL (feet)	SAMPLE NUMBER	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.	POCKET PEN (t.s.f)
0	CL		LEAN CLAY with SAND and GRAVEL; medium stiff, brown, moist, rootlets	1.5-5.0	Bag A 6-1		114.7	12.8	2 3 4	2.75
1.0-2.5										
3	SC		CLAYEY SAND with GRAVEL; medium dense, reddish brown, moist, fine to coarse sand, fine to coarse gravel	3.5-5.0	6-2		121.5	9.6	13 15 16	
4										
5										
6	CL		SANDY LEAN CLAY; very stiff, light brown with orangish brown mottling, moist	8.5-10.0	6-3				6 9 12	
7										
10			Bottom of boring at 10'							
			Groundwater not encountered							
11										
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LEGEND: 2.5" Mod Cal Sample    Bulk Sample    2.0" Mod Cal Sample    SPT    Groundwater

NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.



# Earth Systems Pacific

Boring No. 7

LOGGED BY: P. Penrose  
 DRILL RIG: Mobile B-24  
 AUGER TYPE: 6" Solid Stem

PAGE 1 OF 1  
 JOB NO.: 301672-001  
 DATE: 2/8/2018

DEPTH (feet)	USCS CLASS	SYMBOL	<b>Proposed 6-Lot Subdivision</b> <b>1631 Hacienda Avenue</b> <b>APN 403-13-004 &amp; 403-13-005</b> <b>Campbell, California</b>  <b>SOIL DESCRIPTION</b>	SAMPLE DATA						
				INTERVAL (feet)	SAMPLE NUMBER	SAMPLE TYPE	DRY DENSITY (pcf)	MOISTURE (%)	BLOWS PER 6 IN.	POCKET PEN (t.s.f)
0	CL		LEAN CLAY with SAND; medium stiff, brown, moist, few gravel	1.5-5.0	Bag A 7-1		115.0	12.0	5	>4.5
1				2					3	
3	CL		SANDY LEAN CLAY; very stiff, strong brown, moist, few gravel	3.5-5.0	7-2		112.8	12.4	4	
4				5					6	
7	CL		SANDY LEAN CLAY; hard, light brown, moist, orange brown and black mottling	8.5-10.0	7-3				10	
8				9					10	
13.5			Bottom of boring at 15' Groundwater not encountered	13.5-15.0	7-4				20	
14				15					28	
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										

LEGEND: 2.5" Mod Cal Sample    Bulk Sample    2.0" Mod Cal Sample    SPT    Groundwater

NOTE: This log of subsurface conditions is a simplification of actual conditions encountered. It applies at the location and time of drilling. Subsurface conditions may differ at other locations and times.

## **APPENDIX B**

### Laboratory Test Results



# B. HILLEBRANDT SOILS TESTING, INC.

29 Sugarloaf Terrace, Alamo, CA 94507 - Tel: (510) 409-2916 - Fax: (925) 891-9267 - Email: soiltesting@aol.com

## MOISTURE CONTENT/DRY DENSITY

Job #: 301672-001  
Job Name: Proposed 5 - Lot Subdivision  
Date: 2/8/17  
Tested by: Brad Hillebrandt

<b>Additional Tests:</b>						
<b>Boring #:</b>	B-1	B-1	B-1	B-2	B-2	B-3
<b>Depth:</b>	2.0 - 2.5	4.5 - 5.0	9.5 - 10.0	2.0 - 2.5	4.5 - 5.0	4.5 - 5.0
<b>Sample Description:</b>	Brown sandy CLAY	Darl yellowish brown sandy CLAY	Brown sandy GRAVEL with some clay	Dark brown sandy CLAY	Olive brown sandy CLAY	Brown SAND with clay
<b>Can #:</b>	364	370	502	361	316	346
<b>Wet Sample + can</b>	380.2	308.6	386.3	286.2	322.5	287.8
<b>Dry Sample + can</b>	343.3	283.4	371.0	262.8	287.6	267.4
<b>Weight can</b>	34.3	38.4	35.2	34.0	37.4	38.3
<b>Weight water</b>	36.9	25.2	15.3	23.4	34.9	20.4
<b>Weight Dry Sample</b>	309	245	335.8	228.8	250.2	229.1
<b>WATER CONTENT (%)</b>	<b>11.9%</b>	<b>10.3%</b>	<b>4.6%</b>	<b>10.2%</b>	<b>13.9%</b>	<b>8.9%</b>
<b>Weight Sample + Liner</b>	1131.8	1140.8	1051.7	974.7	1096.9	1068.4
<b>Weight Liner</b>	198.8	253.5	252.2	250.2	232.3	236.0
<b>Sample Length</b>	5.7	5.7	5.5	5.4	5.5	6.0
<b>Sample Diameter</b>	2.39	2.39	2.39	2.39	2.39	2.39
<b>DRY DENSITY (pcf)</b>	<b>124.2</b>	<b>119.9</b>	<b>118.1</b>	<b>103.4</b>	<b>117.1</b>	<b>108.2</b>

# B. HILLEBRANDT SOILS TESTING, INC.

29 Sugarloaf Terrace, Alamo, CA 94507 - Tel: (510) 409-2916 - Fax: (925) 891-9267 - Email: soiltesting@aol.com

## MOISTURE CONTENT/DRY DENSITY

Job #: 301672-001  
 Job Name: Proposed 5 - Lot Subdivision  
 Date: 2/8/17  
 Tested by: Brad Hillebrandt

<b>Additional Tests:</b>		-200				
<b>Boring #:</b>	B-4	B-4	B-5	B-5	B-6	B-6
<b>Depth:</b>	2.0 - 2.5	4.5 - 5.0	2.0 - 2.5	4.5-5.0	2.0 - 2.5	4.5-5.0
<b>Sample Description:</b>	Dark brown sandy CLAY	Yellowish brown sandy CLAY	Dark brown clayey SAND with gravel	Brown clayey SAND with gravel	Dark brown sandy CLAY with some gravel	Brown clayey SAND
<b>Can #:</b>	307	336	345	303	347	341
<b>Wet Sample + can</b>	332.8	264.9	337.5	345.2	304.1	330.7
<b>Dry Sample + can</b>	299.8	237.8	309.8	328.0	273.9	305.0
<b>Weight can</b>	37.9	39.3	38.0	37.7	38.0	37.9
<b>Weight water</b>	33	27.1	27.7	17.2	30.2	25.7
<b>Weight Dry Sample</b>	261.9	198.5	271.8	290.3	235.9	267.1
<b>WATER CONTENT (%)</b>	<b>12.6%</b>	<b>13.7%</b>	<b>10.2%</b>	<b>5.9%</b>	<b>12.8%</b>	<b>9.6%</b>
<b>Weight Sample + Liner</b>	1036.5	1185.5	1019.2	1047.7	1169.2	1117.4
<b>Weight Liner</b>	251.0	258.6	288.3	252.7	254.9	254.9
<b>Sample Length</b>	5.4	6.0	4.9	5.2	6.0	5.5
<b>Sample Diameter</b>	2.39	2.39	2.39	2.39	2.39	2.39
<b>DRY DENSITY (pcf)</b>	<b>109.7</b>	<b>115.4</b>	<b>114.9</b>	<b>122.6</b>	<b>114.7</b>	<b>121.5</b>

# B. HILLEBRANDT SOILS TESTING, INC.

29 Sugarloaf Terrace, Alamo, CA 94507 - Tel: (510) 409-2916 - Fax: (925) 891-9267 - Email: soiltesting@aol.com

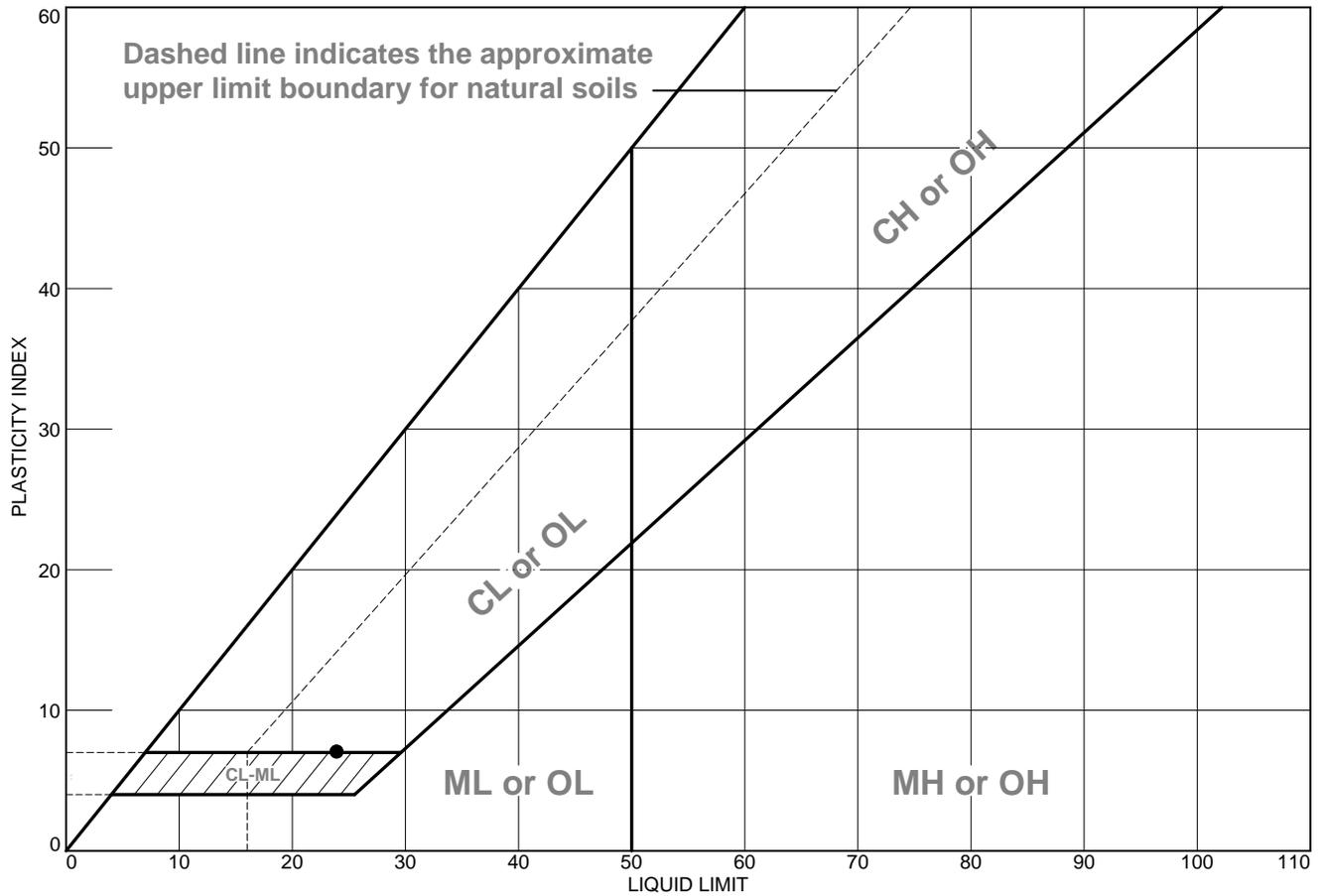
## MOISTURE CONTENT/DRY DENSITY

Job #: 301672-001  
Job Name: Proposed 5 - Lot Subdivision  
Date: 2/8/17  
Tested by: Brad Hillebrandt

<b>Additional Tests:</b>						
<b>Boring #:</b>	B-7	B-7				
<b>Depth:</b>	2.0 - 2.5	4.5-5.0				
<b>Sample Description:</b>	Dark yellowish brown sandy CLAY	Dark brown sandy CLAY				
<b>Can #:</b>	302	312				
<b>Wet Sample + can</b>	293.9	285.0				
<b>Dry Sample + can</b>	266.4	257.8				
<b>Weight can</b>	37.5	38.1				
<b>Weight water</b>	27.5	27.2				
<b>Weight Dry Sample</b>	228.9	219.7				
<b>WATER CONTENT (%)</b>	<b>12.0%</b>	<b>12.4%</b>				
<b>Weight Sample + Liner</b>	1165.6	1043.5				
<b>Weight Liner</b>	255.6	266.9				
<b>Sample Length</b>	6.0	5.2				
<b>Sample Diameter</b>	2.39	2.39				
<b>DRY DENSITY (pcf)</b>	<b>115.0</b>	<b>112.8</b>				



# LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Brown clayey SAND	24	17	7	63.2	46.6	SC-SM

**Project No.** 301672-001    **Client:** Earth Systems Pacific  
**Project:** Proposed 5-Lot Subdivision  
**● Source of Sample:** B-3    **Depth:** 2.0 - 2.5'  
  
**B. HILLEBRANDT SOILS TESTING, INC.**  
 +1 510-409-2816  
 SoilTesting@aol.com

**Remarks:**

**Figure**

**Tested By:** BH \_\_\_\_\_

**LIQUID AND PLASTIC LIMIT TEST DATA**

2/17/2018

**Client:** Earth Systems Pacific

**Project:** Proposed 5-Lot Subdivision

**Project Number:** 301672-001

**Location:** B-3

**Depth:** 2.0 - 2.5'

**Material Description:** Brown clayey SAND

**%<#40:** 63.2

**%<#200:** 46.6

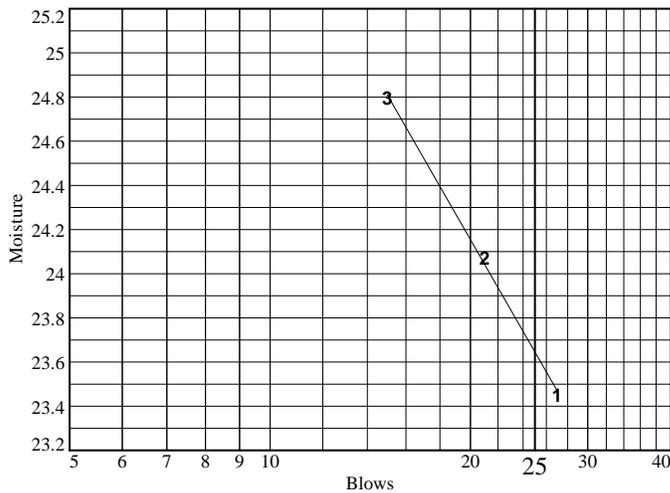
**USCS:** SC-SM

**AASHTO:** A-4(0)

**Tested by:** BH

**Liquid Limit Data**

Run No.	1	2	3	4	5	6
<b>Wet+Tare</b>	27.42	30.45	29.79			
<b>Dry+Tare</b>	24.35	26.75	26.12			
<b>Tare</b>	11.26	11.38	11.32			
<b># Blows</b>	27	21	15			
<b>Moisture</b>	23.5	24.1	24.8			



**Liquid Limit=** 24  
**Plastic Limit=** 17  
**Plasticity Index=** 7  
**Natural Moisture=** 13.2  
**Liquidity Index=** -0.5

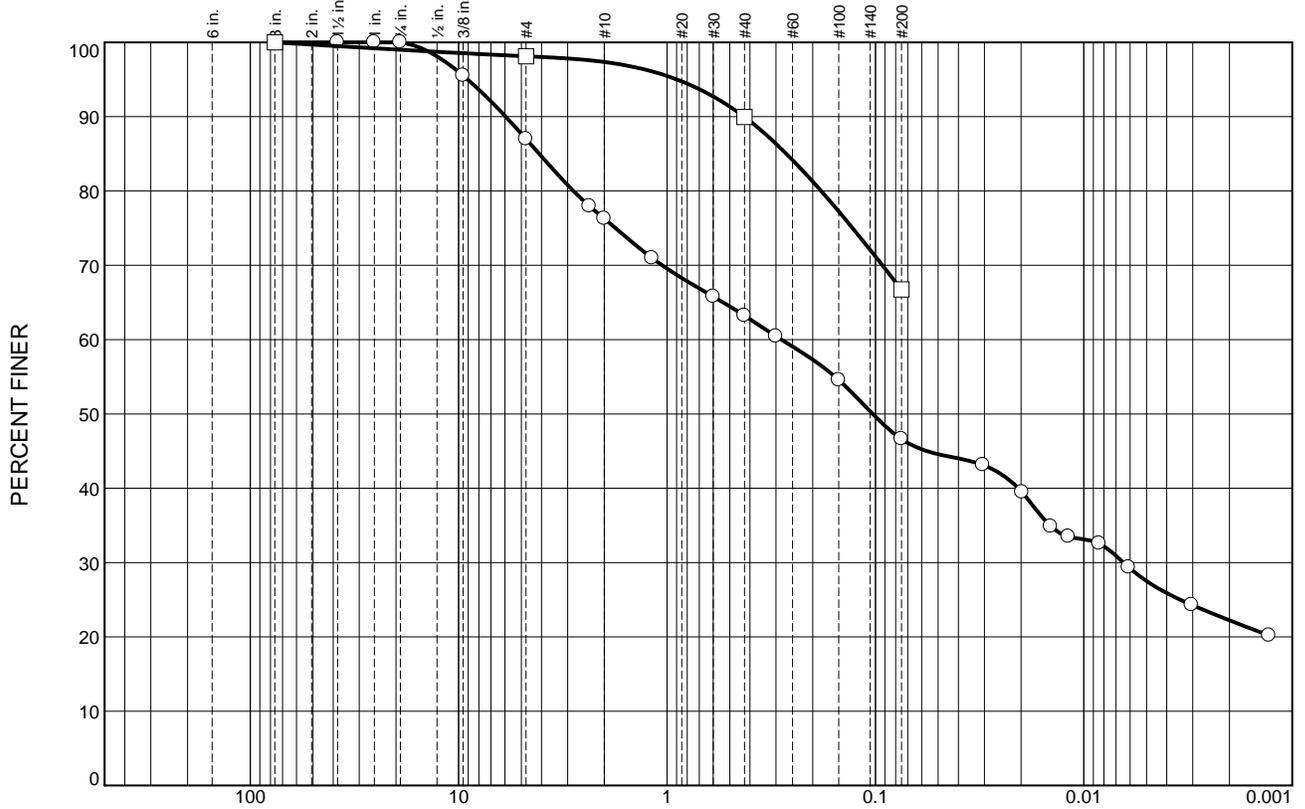
**Plastic Limit Data**

Run No.	1	2	3	4
<b>Wet+Tare</b>	19.26	18.17		
<b>Dry+Tare</b>	18.11	17.18		
<b>Tare</b>	11.32	11.05		
<b>Moisture</b>	16.9	16.2		

**Natural Moisture Data**

Wet+Tare	Dry+Tare	Tare	Moisture
662.2	617.4	278.6	13.2

# Particle Size Distribution Report



GRAIN SIZE - mm.

	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	0.0	13.0	10.7	13.1	16.6	19.1	27.5
□	0.0	1.0	0.9	0.7	7.4	23.3	66.7	

## SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	B-3		2.0 - 2.5'	Brown clayey SAND	SC-SM
□	B-4		4.5 - 5.0'	Yellowish brown sandy CLAY	CL

**B. HILLEBRANDT SOILS TESTING, INC.**  
 +1 510-409-2816  
 SoilTesting@aol.com

**Client:** Earth Systems Pacific  
**Project:** Proposed 5-Lot Subdivision  
**Project No.:** 301672-001

**Figure**

Tested By: BH

**GRAIN SIZE DISTRIBUTION TEST DATA**

2/17/2018

**Client:** Earth Systems Pacific  
**Project:** Proposed 5-Lot Subdivision  
**Project Number:** 301672-001  
**Location:** B-3  
**Depth:** 2.0 - 2.5'  
**Material Description:** Brown clayey SAND  
**USCS:** SC-SM  
**Tested by:** BH

**Sieve Test Data**

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
617.40	278.60	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	0.00	100.0
			3/8"	15.13	95.5
			#4	44.03	87.0
			#8	74.63	78.0
			#10	80.37	76.3
			#16	98.35	71.0
			#30	115.89	65.8
			#40	124.57	63.2
55.09	0.00	0.00	#50	2.42	60.5
			#100	7.55	54.6
			#200	14.47	46.6

**Hydrometer Test Data**

**Hydrometer test uses material passing #40**  
**Percent passing #40 based upon complete sample = 63.2**  
**Weight of hydrometer sample = 55.09**  
**Hygroscopic moisture correction:**  
 Moist weight and tare = 20.37  
 Dry weight and tare = 20.31  
 Tare weight = 11.31  
 Hygroscopic moisture = 0.7%  
**Table of composite correction values:**  
 Temp., deg. C:        20.5        20.7  
 Comp. corr.:         0.0        0.0  
**Meniscus correction only = -0.5**  
**Specific gravity of solids = 2.7**  
**Hydrometer type = 151H**  
**Hydrometer effective depth equation:  $L = 16.294964 - 0.2645 \times R_m$**

**Hydrometer Test Data (continued)**

Elapsed Time (min.)	Temp. (deg. C.)	Actual Reading	Corrected Reading	K	Rm	Eff. Depth	Diameter (mm.)	Percent Finer
2.00	19.7	1.0235	1.0235	0.0135	23.0	10.2	0.0305	43.1
5.00	19.7	1.0215	1.0215	0.0135	21.0	10.7	0.0198	39.5
10.00	19.7	1.0190	1.0190	0.0135	18.5	11.4	0.0144	34.9
15.00	19.7	1.0183	1.0183	0.0135	17.8	11.6	0.0119	33.5
30.00	19.6	1.0177	1.0178	0.0135	17.3	11.7	0.0084	32.6
60.00	19.6	1.0160	1.0160	0.0135	15.5	12.2	0.0061	29.4
250.00	20.5	1.0132	1.0133	0.0134	12.8	12.9	0.0030	24.3
1440.00	20.7	1.0110	1.0110	0.0133	10.5	13.5	0.0013	20.2

**Fractional Components**

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.0	13.0	13.0	10.7	13.1	16.6	40.4	19.1	27.5	46.6

D <sub>5</sub>	D <sub>10</sub>	D <sub>15</sub>	D <sub>20</sub>	D <sub>30</sub>	D <sub>40</sub>	D <sub>50</sub>	D <sub>60</sub>	D <sub>80</sub>	D <sub>85</sub>	D <sub>90</sub>	D <sub>95</sub>
				0.0065	0.0206	0.1031	0.2828	2.8130	4.1048	5.9468	9.0495

<b>Fineness Modulus</b>
1.88

**GRAIN SIZE DISTRIBUTION TEST DATA**

2/17/2018

**Client:** Earth Systems Pacific

**Project:** Proposed 5-Lot Subdivision

**Project Number:** 301672-001

**Location:** B-4

**Depth:** 4.5 - 5.0'

**Material Description:** Yellowish brown sandy CLAY

**USCS:** CL

**Tested by:** BH

**Sieve Test Data**

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
237.80	39.30	0.00	3"	0.00	100.0
			#4	3.72	98.1
			#40	19.93	90.0
			#200	66.01	66.7

**Fractional Components**

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	1.0	0.9	1.9	0.7	7.4	23.3	31.4			66.7

D <sub>5</sub>	D <sub>10</sub>	D <sub>15</sub>	D <sub>20</sub>	D <sub>30</sub>	D <sub>40</sub>	D <sub>50</sub>	D <sub>60</sub>	D <sub>80</sub>	D <sub>85</sub>	D <sub>90</sub>	D <sub>95</sub>
								0.1822	0.2675	0.4269	0.8965

<b>Fineness Modulus</b>
0.55

# ATTACHMENT 5

---

PHASE I ENVIRONMENTAL SITE ASSESSMENT

October 23, 2017

# **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**1631 West Hacienda Avenue  
Campbell, California  
Property APNs 403-13-004 & 403-13-005**

*Prepared for*

**GRIPRE LLP**

**ROUX ASSOCIATES, INC.**

***Environmental Consulting & Management***

---



***555 12<sup>th</sup> Street, Suite 1725, Oakland, California 94607***

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- B. Federal and State Environmental Databases (*Provided on CD with Bound Copy*)
- C. Freedom of Information Law Letters and Responses
- D. Certified Sanborn Fire Insurance Maps
- E. Historical Aerial Photographs
- F. Historical Topographic Maps
- G. City Directory Abstract
- H. Site Photographs

## **EXECUTIVE SUMMARY**

At the request of GRIPRE LLP (User), Roux Associates, Inc. (Roux Associates) performed a Phase I Environmental Site Assessment (ESA) of 1631 West Hacienda Ave, Campbell, California (Site). The Site occupies two adjoining parcels (APNs 403-13-004 & 403-13-005), which total 1.95 acres. The Site is currently improved with one residence and four storage sheds. A majority of the Site is occupied by a dirt plot. The location of the Site is shown on Figure 1. The boundary of the Site is depicted on Figure 2.

The Phase I ESA is intended to define the historical uses of the Site and identify any potential Recognized Environmental Conditions (RECs) that could warrant further consideration, in accordance with ASTM International Standard Practice E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process).

A review of historical sources including historical aerial photographs and a City Directory Abstract indicates that the Site was developed to its current state in approximately 1956. Based on the information gathered as a result of the Phase I ESA process, Roux Associates has not identified any RECs in connection with the Site; however, Roux Associates has identified the following business environmental risks associated with past uses at the Site:

- The Site has historically been used as agricultural land in two instances. Firstly, prior to being developed as a residence the Site and the surrounding area were used as prune orchard; therefore, pesticides may have been used at the Site. Secondly, The Regla family used the land at the Site for growing flowers including chrysanthemums. To the best of the recollection by key site personnel Ms. Maureen Regla, pesticides may have been used during this period. Although pesticide use alone does not qualify as a REC, this presents a business environmental risk if soil is needed to be off hauled and graded for redevelopment.

Roux Associates has identified the following data gaps in the information developed as part of this inquiry that affected the ability of the environmental professional to identify conditions indicative of releases at the Site:

- Roux Associates was unable to access one large storage shed at the Site as it was locked and ownership could not locate the key. Roux Associates does not consider this as a significant data gap.

## 1.0 INTRODUCTION

At the request of GRIPRE LLP (User), Roux Associates, Inc. (Roux Associates) performed a Phase I Environmental Site Assessment (ESA) of 1631 West Hacienda Ave, Campbell, California (Site). The Site occupies two adjoining parcels (APNs 403-13-004 & 403-13-005), which total 1.95 acres. The Site is currently improved with one residence and four storage sheds. A majority of the Site is occupied by a dirt plot. The location of the Site is shown on Figure 1. The boundary of the Site is depicted on Figure 2.

The Phase I ESA is intended to define the historical uses of the Site and identify any potential Recognized Environmental Conditions (RECs) that could warrant further consideration, in accordance with ASTM International Standard Practice E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process).

The Phase I ESA was conducted in accordance with the scope of work presented in the contract between the User and Roux Associates, dated August 16, 2017, and in general accordance with the American Society of Testing and Materials' (ASTM) International Standard Practice E1527-13 (Standard Practice for Environmental Site Assessments), consistent with the USEPA Standards and Practices for All Appropriate Inquiries (AAI) Rule (40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule<sup>1</sup>). The preamble for the AAI Rule states:

*In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527-05 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527-05 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule.<sup>2</sup>*

This AAI Rule was subsequently amended in 2013, as indicated in the following "Background":

*With today's action, EPA is establishing that parties seeking liability relief under CERCLA's landowner liability protections, as well as recipients of brownfields grants for conducting site assessments, will be considered to have met the standards and practices for all appropriate inquiries, as set forth in the Brownfields Amendments to*

---

<sup>1</sup> Final Rule and information available at [www.epa.gov/swerosps/bf/regneg.htm#final\\_rule](http://www.epa.gov/swerosps/bf/regneg.htm#final_rule), and <https://federalregister.gov/a/2013-31112>.

<sup>2</sup> Federal Register: November 1, 2005 (Volume 70, Number 210), page 66081.

*CERCLA and 40 CFR Part 312, if such parties follow the procedures provided in the ASTM E1527-13 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.” EPA made this determination based upon the Agency's finding that the ASTM E1527-13 standard is compliant with the All Appropriate Inquiries Rule. Therefore, parties conducting all appropriate inquiries may use the procedures in the newly issued ASTM E1527-13 standard when conducting all appropriate inquiries.<sup>3</sup>*

The purpose of the Phase I ESA was to identify, to the extent feasible, RECs in connection with the Site. ASTM Standard Practice E1527-13 defines RECs as:

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

ASTM Standard Practice E1527-13 provides that identified RECs can be evaluated and classified into Controlled Recognized Environmental Conditions (CRECs) or Historical Recognized Environmental Conditions (HRECs) based on the following definitions. ASTM Standard Practice E1527-13 defines a CREC as:

*a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).*

ASTM Standard Practice E1527-13 defines a HREC as:

*a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).*

---

<sup>3</sup> Federal Register: December 30, 2013 (Volume 78, Number 250).

In order to assess the potential for RECs associated with the Site, Roux Associates utilized a variety of information sources to perform the Phase I ESA, including a radial information search from federal, state, and local regulatory agency databases; Freedom of Information Act (FOIA)/public records responses from federal, state, and local regulatory agencies; and readily available information from the following sources: historical aerial photographs, historical topographic maps and a City Directory Abstract. The historical research and interviews were conducted in order to develop an understanding of the following:

- Current and past uses of the Site;
- Current and past uses of hazardous substances and/or petroleum at the Site, if any;
- Waste management and disposal practices that might have potentially caused releases or threatened releases of hazardous substances and/or petroleum products at the Site;
- Current and past corrective actions and response activities undertaken to address past and ongoing releases of hazardous substances and/or petroleum products at the Site, if any;
- The existence of any engineering and/or institutional controls recorded for the Site; and
- Current and past uses of adjoining properties that could have resulted in releases or threatened releases of hazardous substances and/or petroleum products to the Site.

Mr. Richard Maxwell and Mr. Gabe Matson served as the Environmental Professionals who conducted this Phase I ESA. As the Environmental Professionals, Mr. Maxwell and Mr. Matson possess sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (as defined in §312.1(c) on, at, in, or to a Site, sufficient to meet the objectives and performance factors in §312.20(e) and (f)). Professional profiles for Mr. Maxwell and Mr. Matson are provided in Appendix A.

## **2.0 METHODS OF INVESTIGATION**

The methods of investigation used to conduct this Phase I ESA are outlined in the following sections.

### **2.1 General**

The activities performed in conjunction with the Phase I ESA of the Site include:

- Review of federal, state, and local environmental regulatory agency databases provided by Environmental Data Resources (EDR), Inc. of Milford, Connecticut indicating locations of environmental concern within specified radii from the Site (Appendix B);
- Submission of FOIA/public records requests and inquiries to federal, state, and local regulatory agencies (Appendix C);
- Review of historical information for the Site and surrounding area;
- Reconnaissance of the Site and surrounding area; and
- Interviews with Site personnel.

### **2.2 Review of Readily Available Information**

The resources compiled and reviewed by Roux Associates to date include the following:

- EDR Radius Map with GeoCheck, dated August 25, 2017 (EDR report) (Appendix B);
- EDR Certified Sanborn Map Report, dated August 25, 2017 (Appendix D); however, according to the Sanborn Map Report, the Site was unmapped;
- Historical aerial photographs dated 2012, 2010, 2009, 2006, 2005, 1998, 1993, 1982, 1974, 1968, 1963, 1956, 1950, 1948, and 1939 (Appendix E);
- United States Geological Survey (USGS) 15 Minute Topographic Maps, San Jose Quadrangle dated 1889, 1897, 1899, 1948, and 1953; 15 Minute Topographic Maps, Palo Alto Quadrangle dated 1897, 1899, 1948, and 1953; 7.5 Minute Topographic Map, Cupertino Quadrangle dated 1953, 1961, 1968, 1973, 1980, and 2012; 7.5 Minute Topographic Map, Los Gatos Quadrangle dated 1953, 1968, 1973, 1980, and 2012; 7.5 Minute Topographic Map, San Jose West Quadrangle dated 1953, 1961, 1968, 1973, 1980, and 2012; 7.5 Minute Topographic Map, Castle Rock Ridge Quadrangle dated 1968, 1973, and 2012 (Appendix F).
- EDR Certified City Directory Abstract, dated August 25, 2017 (Appendix G); and
- Pursuant to ASTM E1527-13, Roux Associates also contacted and reviewed additional environmental record sources, as noted below:

<b>Agency</b>	<b>Status</b>
San Francisco Regional Water Quality Control Board, including online GeoTracker Files	Response discussed in report.
Department of Toxic Substances Control, including online Envirostor files	Response discussed in report.
City of Campbell City Clerk	Response discussed in report.
Santa Clara County Fire Department	Response discussed in report.
Santa Clara County Environmental Health Department	Response discussed in report.
Bay Area Air Quality Management District	Response discussed in report.
California Environmental Reporting System	Response discussed in report.
Solid Waste Information System	Response discussed in report.

### **2.3 Site and Surrounding Area Reconnaissance**

Pursuant to ASTM Standard Practice E1527-13, Roux Associates conducted a reconnaissance of the Site and surrounding area on August 31, 2017 to identify, investigate, and assess potential RECs and other potential environmental concerns. The reconnaissance included observation of the Site, including all structures and buildings, and surrounding area to determine the current use and condition of the Site, indications of past uses of the Site, and current uses of adjoining properties and the surrounding area. During the Site reconnaissance, Roux Associates placed particular emphasis on identifying the following features, if present, in accordance with ASTM E1527-13:

- Hazardous substances and petroleum products in connection with identified uses;
- Storage tanks;
- Odors;
- Pools of liquid;
- Drums;
- Hazardous substances and petroleum products containers;
- Unidentified substance containers;
- Polychlorinated biphenyls (PCBs);
- Heating and cooling systems;

- Stains or corrosion;
- Drains and sumps;
- Pits, ponds, or lagoons;
- Stained soil or pavement;
- Stressed vegetation;
- Solid waste;
- Wastewater;
- Wells; and
- Septic systems.

In addition, observation of the general topographic setting of the Site was made; an inquiry was made into the source of potable water for the Site and other utilities, as presented in Section 6. Photographs from the Site reconnaissance are presented in Appendix H.

### 3.0 PROPERTY DESCRIPTION

Descriptions of the Site and surrounding properties are included in the following sections. The location of the Site is presented in Figure 1. The Site and immediate surrounding area are depicted on Figure 2.

#### 3.1 Property Location and Description

The approximately 1.95-acre Site is located on West Hacienda Avenue in the City Campbell, Santa Clara County, California and is comprised of two parcels, assigned APNs 403-13-004 & 403-13-005, the latter of which does not border the street (Figure 2). The Site is currently developed with one residential building and four storage sheds. The rest of the Site includes a front and backyard with landscaping areas and undeveloped dirt plot. The Site is surrounded by residential properties in all directions.

#### 3.2 Current Surrounding Property Usage

The area surrounding the Site consists of residential use properties. Table 1 below provides details on surrounding property usage adjacent to the Site.

**Table 1. Surrounding Property Uses**

North	Residential neighborhood
West	Residential neighborhood.
East	Residential neighborhood.
South	West Hacienda Avenue, across which is a residential neighborhood.

#### 3.3 Topographic and Hydrogeologic Setting

The elevation of the Site is approximately 242 feet above mean sea level, per the EDR report (Appendix B). According to the EDR report, the Site is not located in, or adjacent to, regulated wetlands. The nearest surface water body is Smith Creek, which is located approximately 440 feet east of the Site. Based on data collected from monitoring wells 1.5 miles northwest of the Site, groundwater flow direction is estimated as approximately northeast.

## **4.0 SITE HISTORY**

The historical uses of the Site are discussed below.

### **4.1 Historical Site and Surrounding Property Usage**

The historical uses of the Site and surrounding properties were researched by examining historical aerial photographs (Appendix E); historical USGS topographic maps, (Appendix F); and City Directory Abstract (Appendix G). According to the Certified Sanborn Fire Insurance Map Report (Appendix D), the Site is an unmapped property.

A review of historical sources indicates that the Site was used for agricultural purposes by at least 1939 with improvements to its current configuration occurring between 1956 and 1963.

### **4.2 Historical Aerial Photographs**

Historical aerial photography may indicate past activities at a property that may not have been documented by other means, or observed during a reconnaissance visit. Aerial photographs are presented in Appendix E.

According to a review of the historical aerial photographs, the Site appears to be developed with the current residential building sometime between 1956 and 1963.

- According to the 1939, 1948, and 1950 aerial photographs, the Site was utilized for agricultural purposes, but not improved to the current Site layout. A body of water, presumably San Tomas Aquino Creek, sits to the north of the Site. A smaller tributary runs east of the Site. There are several major roads visible, including West Hacienda Avenue, Harriet Avenue, Pollard Road, and the West Valley Freeway. In the vicinity of the Site, the areas to the north, west, and south are improved with residential and school buildings, but not to the extent observed at present.
- The 1956 aerial photograph shows the Site was still being used for agricultural purposes, specifically as an orchard.
- The 1963 aerial photograph shows the Site has been improved with two structures: a residential building consistent with the current residence in the southern portion of the Site and two buildings in the northern portion of the Site. These buildings are presumably green houses that have been used to grow flowers, per the interview with key Site personnel Ms. Maureen Regla. An extensive residential development now resides north of the Site.

- The 1968 aerial photograph is largely consistent with the 1963 aerial; however, additional residential buildings have been added across Harriet Avenue from the Site.
- The 1974 aerial photograph is largely consistent with the 1968 aerial; however, residences have been developed to the east, adjacent to the Site.
- The 1982 aerial photograph is mostly consistent with the 1974 aerial; however, residences have been developed to the west, adjacent to the Site.
- The 1993 aerial photograph shows the removal of the buildings in the northern portion of the Site. Developments in areas adjacent to the Site appear to be unchanged.
- By 1993, the aerial photograph is mostly consistent with the most recent aerial in 2012, and the Site has been improved to its current level of development. Subsequent aerial photographs appear to show the Site and surrounding areas in essentially the current layout.

### **4.3 Historical Topographic Maps**

Historical topographic maps of the Site were obtained from EDR, and they are provided in Appendix F. The topographic maps corroborate the reported general development timeline of the Site and surrounding area, as shown in the historical aerial photographs. These maps did not indicate any environmentally significant topographical features such as wetlands or environmentally significant Site uses such as landfills on or adjacent to the Site, nor did they indicate radical elevation changes consistent with filling operations.

### **4.4 City Directory Abstract**

A City Directory Abstract of the Site was obtained from EDR and is presented in Appendix G. Records reviewed for the time period 1922 to 2014 were sourced from the R.L. Polk & Co., the Pacific Telephone & Telegraph Co, the Haines Company, Inc., and the EDR Digital Archive. Noted uses of the Site from this abstract include the residential tenant Wilfred M Regla in 2001.

The City Directory Abstract also includes listings for the surrounding properties. Nearby offsite properties include residential and commercial (mostly retail) entities such as real estate firms, a home filtration company, consulting firms, life insurance firms, auto repair shops, electronics manufacturers, hair salons, catering companies, concrete contractors, and a cleaner (Cambrian Cleaners at 1510 West Hacienda Avenue). Other operators in the vicinity of the Site include schools, community centers, and development centers.

## 5.0 RECORDS REVIEW

This section summarizes the information regarding the Site and adjacent or nearby properties that is contained in the standard and additional environmental record sources reviewed by Roux Associates in accordance with ASTM Standard Practice E1527-13.

### 5.1 Environmental Database Review

Roux Associates used a computerized environmental database and radius map report prepared by EDR to conduct a government records database search of properties of potential environmental concern within a maximum of one mile radius of the Site. A total of 103 environmental databases were reviewed as part of this Phase I ESA. Appendix B contains a complete copy of the EDR Radius Map Report with GeoCheck. A summary of the pertinent results is provided in Table 2. Table 2 tabulates all of the search results with at least one environmental database entry.

In addition to reviewing the environmental database and radius map report prepared by EDR, Roux Associates reviewed files made available by GeoTracker and Envirostor.

**Table 2. Properties of Potential Environmental Concern**

Database <sup>4</sup>	Target Property	<1/8 mile	1/8 - 1/4 mile	1/4 - 1/2 mile	1/2 - 1 mile	Total
NPL	0	0	0	0	0	<b>0</b>
LUST	0	2	0	1	NR	<b>3</b>
SLIC	0	0	0	1	NR	<b>1</b>
HIST LUST	0	1	0	1	NR	<b>2</b>
SWEEPS UST	0	1	0	NR	NR	<b>1</b>
HIST UST	0	1	0	NR	NR	<b>1</b>
CA FID UST	0	1	0	NR	NR	<b>1</b>
HIST CORTESE	0	1	0	1	NR	<b>2</b>
EDR Hist Auto	0	4	NR	NR	NR	<b>4</b>
<b>TOTAL</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>15</b>
*NR refers to “not requested” at search distance.						

<sup>4</sup> Descriptions of the EDR databases can be found in the EDR Radius Report (Appendix B).

Roux Associates reviewed the results of the state and federal environmental database searches performed by EDR. According to the EDR Report, there are no database listings that have documented environmental impacts at the Site.

Offsite properties that meet the criteria presented below are discussed in this report:

- Facilities located immediately adjacent to the Site are examined due to their close proximity to the Site and the potential for surface water discharges (e.g., stormwater runoff, surface water effluent discharges) to enter the Site or through the migration of groundwater or soil vapor.
- Facilities located topographically or hydraulically upgradient to the Site.

Groundwater flow direction has been established to be northeast toward the San Francisco Bay. Facilities that are located downgradient or cross gradient to the Site—but not immediately adjacent to the Site—are not discussed in this report because these facilities are considered to pose a low potential environmental concern to the Site. In addition, certain facilities that may be hydraulically upgradient – but involve conditions that are considered *de minimis* (i.e., small quantities of releases, contained releases, or releases that are cleaned up in such a manner that does not pose a threat to human health or the environment)—are not generally discussed in this report unless further clarification was warranted to rule out the potential for these properties to impact the Site.

According to the EDR Report, there are is one database listing for offsite properties that meets the above criteria, and is described below:

*Joe Tersigni Tractor-Truck Work:* Joe Tersigni Tractor-Truck Work is located at two different addresses (1296 and 1295 Harriet Ave) which are 0.065 and 0.089 miles southwest of the Site, respectively. This facility is listed in the EDR Historical Auto Database as a General Automotive Repair Shop at 1296 Harriet Ave during 1978 to 1980. This facility is listed in the EDR Historical Auto Database as a General Automotive Repair Shop at 1295 Harriet Ave during 1982 to 1988. There are no reported leaks or spills associated with this facility. The properties associated with this listing are currently occupied by residences. Thus, this is not considered a REC for the property.

## **5.2 Freedom of Information Act Letter Responses**

FOIA letters were submitted to the San Francisco Regional Water Quality Control Board (Water Board), Department of Toxic Substance Control (DTSC), City of Campbell City Clerk, the Santa Clara County Fire Department, Santa Clara County Environmental Health Department, the Bay Area Air Quality Management District. Additionally, the California Environmental Reporting System (CERS) and the Solid Waste Information System (SWIS) were queried. Responses are provided below and are included as Appendix C.

### San Francisco Regional Water Quality Control Board (Water Board)

Records available through the Water Board were requested for the Site on August 25, 2017. On September 1, 2017, Ms. Melinda Wong of the Water Board informed Roux Associates via a phone call that there are no records available for the Site on file or on GeoTracker. The Water Board searched the following databases as part of its records review:

- California GeoTracker Database;
- California Integrated Water Quality Systems (CIWQ's) Database; and
- California Storm Water Multiple Applications and Report Tracking System (Smarts).

### Department of Toxic Substances Control (DTSC)

Records available through DTSC were requested for the Site on August 25, 2017. On August 31, 2017, DTSC informed Roux Associates that there are no documents available for the Site, including Envirostor, DTSC's online database.

### City of Campbell City Clerk

Records available through City Clerk were requested for the Site on August 25, 2017. On September 9, 2017, the Ms. Wendy Wood, the City Clerk, informed Roux Associates that the City does not have any documents for the Site.

### Santa Clara County Fire Department (Fire Department)

Records available through the Fire Department were requested for the Site on August 25, 2017. On August 31, 2017, the Fire Department informed Roux Associates via a phone call that the Fire Department does not have any documents for the Site.

Santa Clara County Environmental Health Department (SCCEHD)

Records available through the SCCEHD were requested for the Site on August 25, 2017. On August 29, 2017, the SCCEHD informed Roux Associates that the SCCEHD does not have any documents for the Site.

Bay Area Air Quality Management District (BAAQMD)

Records available through the BAAQMD were requested for the Site on August 25, 2017. On September 14, 2017, the BAAQMD informed Roux Associates via the web that there are no documents available for the Site.

California Environmental Reporting System (CERS)

On August 25, 2017, Roux Associates queried CERS and determined there are no files uploaded for the Site, only for a property with a leaking underground storage tank case approximately ¼ mile from the Site.

Solid Waste Information System (SWIS)

On August 25, 2017, Roux Associates queried the SWIS database and determined there are no waste sites in the vicinity of the Site.

## 6.0 SITE RECONNAISSANCE

Roux Associates conducted a Site reconnaissance on August 31, 2017. The objective of the reconnaissance was to check for visual evidence of past or present use or storage of hazardous materials that could potentially affect the soil, groundwater quality and soil vapor at the Site. Photographs taken during the Site reconnaissance are attached as Appendix H.

The Site is occupied by one residential house and four storage sheds, associated front and backyard and empty vacant lot. The home is currently occupied by a single family (the Reglas). The following was observed inside the house:

- Two bathrooms,
- One kitchen,
- Several bedroom and living spaces,
- Poor housekeeping, and
- Storage rooms

The outdoor area at the Site is primarily occupied by an unimproved lot; however, within the yard there are four storage sheds. Three of the sheds contained miscellaneous refuse (old furniture, scrap wood, books, extension cables, foam padding, shelving, paint, tools, and cardboard) , yet one larger storage shed could not be accessed as it was locked and the property owner could not locate the key. The owner, Ms. Maureen Regla said the shed contained old furniture, bicycles, and old drapery tables. This represents a data gap for the Site. The following were observed during the reconnaissance of the outdoor area:

- De minimis observed without obvious leaking or staining conditions including:
  - Empty “Brand-Rex” drum. Brand-Rex currently develops, manufactures, and supplies structured cabling systems for network infrastructure and industrial applications.
  - Oil/gasoline containers which are partially filled and/or empty
  - Gasoline powered lawnmower
  - Paint cans
  - Non-labeled, five-gallon buckets
  - Gasoline lawnmower
  - Muralo Adhesium Bucket

- 16-16-16 Fertilizer Bag
- A drum lid behind the locked shed.
- Stacked tires
- Landscaping including trees and shrubs
- Pile of cobble sized concrete and brick rubble
- Evidence of a former fire near the locked shed

Adjacent to the Site along its eastern border a neighboring residence is storing cars and boats. There was no evidence of ongoing automobile maintenance at this property, so this is considered a de minimis condition.

### **6.1 Utilities**

Electrical utilities and natural gas are provided to the Site by Pacific Gas and Electric.

### **6.2 Hazardous Substances**

The following hazardous substances were observed: motor oil, gasoline, adhesive, paints. All observed in small quantities with no evidence of a release.

### **6.3 Storage Tanks**

No evidence of storage tanks was observed at the Site.

### **6.4 Polychlorinated Biphenyls**

No transformers were observed at the Site; however, there was a transformer observed mounted to the power line pole adjacent to the Site

### **6.5 Staining and Stressed Vegetation**

No staining or stressed vegetation was observed at the Property.

### **6.6 Drains and Sumps**

No drains or sumps were observed at the Site, except within the bathrooms.

### **6.7 Solid Waste**

West Valley Cities supplies solid waste services at the Site.

### **6.8 Wastewater and Stormwater**

The San Jose Water Company provides the Site's water services. Ms. Regla informed Roux Associates that there is a septic tank at the Site.

### **6.9 Wells**

No monitoring or irrigation wells were observed at the Site.

### **6.10 Out of Scope Items**

Based on the age of the building it is likely that Lead Based Paint (LBP) and Asbestos Containing Materials (ACM) are present at the Site.

## **7.0 INTERVIEWS AND USER PROVIDED INFORMATION**

Roux Associates incorporated interviews and a completed questionnaire provided by the User to complete this Phase I ESA. Information obtained from these sources was detailed throughout this report in various sections, as appropriate. Pertinent findings from these sources are summarized in the following sections.

### **7.1 Interviews**

As part of the Site reconnaissance, Mr. Gabe Matson interviewed Ms. Maureen Regla, part of the ownership of the Site. Ms. Regla grew up at the Site and has knowledge of most of the Site's history. Ms. Regla answered general questions regarding the current and historical use and conditions of the Site and surrounding area. Ms. Regla informed Roux Associates of the following, to the best of her knowledge:

- The Regla family purchased and moved to the Site in approximately 1956, prior to which the Site and the surrounding area had been a prune orchard. The former agricultural use (which may have included pesticides) does not present as a REC at the Site, but presents a business environmental risk if grading and off haul is required for redevelopment.
- The residence at the Site was one of only a few in the surrounding neighborhood at the time.
- The Regla family used the acreage at the Site to grow flowers including chrysanthemum until approximately the 1980s. To the best of her knowledge, Ms. Regla recalled the use of pesticides and fertilizer at the Site in the production of flowers; however, could not recall specific amounts or types. The use of pesticides does not present as a REC for the Site, but presents a business environmental risk if significant grading and off haul is required for redevelopment.
- There exists a septic tank at the Site, but no water wells.
- The locked shed currently holds furniture, sporting equipment, drapery tables. When flower production took place at the Site, this shed was used to hold the flowers and supplies.
- According to an account by Ms. Regla, the drum lid found behind the shed and "Brand-Rex" drum found in the backyard was from when her father, Mr. Regla worked for the "William Wallace Company". These drums were used to store and ship items such as plates, not for chemical storage, according to Ms. Regla.
- There was a fire that took place behind the shed in approximately 2003. No property was significantly damaged besides vegetation.

## **7.2 User Questionnaire**

Roux Associates received the completed questionnaire from Mr. Sachneel Patel on August 25, 2017, regarding information for the Site, who provided information on the Site as the User of this Phase I ESA.

Mr. Patel answered the following concerning the Site to the best of his knowledge:

- No environmental cleanup liens exist in connection with the Site;
- No activity and land use limitations are in place at the Site;
- The purchase price of the Site fairly reflects the fair market value of the Site;
- No commonly known or reasonably ascertainable information is known about the Site, other than the information provided in the Phase I ESA, herein; and,
- No knowledge of obvious indicators suggests the presence of contamination at the Site.

This information is in general agreement with the findings documented in other components of the Phase I ESA.

## **8.0 SUMMARY**

The approximately 1.95-acre Site is located at 1631 West Hacienda Avenue, Campbell, Santa Clara County, California (Figure 1 and Figure 2) and comprise two parcels (APNs 403-13-004 & 403-13-005). The Site is currently developed with one residence, associated landscaping areas, four storage sheds and a vacant empty lot. The Site was first developed in approximately 1956 with the current residence.

Based on the information gathered as a result of the Phase I ESA process, Roux Associates has not identified any RECs in connection with the Site. Roux Associates has identified the following business environmental risks associated with past uses at the Site:

- The Site has historically been used as agricultural land in two instances. Firstly, prior to being developed as a residence the Site and the surrounding area were used as prune orchard; therefore, pesticides may have been used at the Site. Secondly, The Regla family used the land at the Site for growing flowers including chrysanthemums. To the best of the recollection by Ms. Regla, pesticides may have been used during this period. Although pesticide use alone does not qualify as a REC, this presents a business environmental risk if soil is needed to be off hauled and graded for redevelopment.

Roux Associates has identified the following data gaps in the information developed as part of this inquiry that affected the ability of the environmental professional to identify conditions indicative of releases at the Site:

- Roux Associates was unable to access one large storage shed at the Site as it was locked and ownership could not locate the key. Roux Associates does not identify this as a significant data gap.

## 9.0 REPORT ASSUMPTIONS AND LIMITATIONS

This Phase I ESA Report, including the exhibits attached hereto, describes the results of Roux Associates' initial investigation to identify the potential presence of RECs involving or affecting the Site in accordance with ASTM Standard Practice E1527-13. This Phase I ESA was conducted by Roux Associates in accordance with the regulatory requirements for conducting AAI as set forth in the USEPA AAI Rule, at 40 CFR Part 312. Specifically, the preamble to the AAI Rule states:

*“In today’s final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527-13 (entitled “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”) and recognizing the E1527-13 standard as consistent with today’s final rule. The Agency determined that this voluntary consensus standard is consistent with today’s final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-13 standard to comply with today’s final rule.”<sup>5</sup>*

One of the requirements that a person acquiring real property must meet in order to qualify for either the innocent landowner, contiguous owner, or bona fide prospective purchaser (collectively hereinafter “Prospective Purchaser”) defense to liability under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), is that person must conduct all appropriate inquiry in conformance with the AAI Rule (or the ASTM E1527-13) prior to acquisition of the property. USER understands that, under the AAI Rule, Roux Associates' performance of the Phase I ESA in accordance with ASTM E1527-13 will not alone result in USER satisfying all requirements of the AAI Rule and provide a defense to CERCLA liability.

USER understands that the AAI Rule also requires that the Prospective Purchaser undertake certain additional inquiries and post-acquisition activities to satisfy the CERCLA AAI requirements.

**ACCORDINGLY, ROUX ASSOCIATES MAKES NO GUARANTEES OR WARRANTIES, EXPRESSED OR IMPLIED, REGARDING THIS PHASE I ESA, INCLUDING WITHOUT LIMITATION, ANY WARRANTY THAT THIS PHASE I ESA WILL IN FACT QUALIFY THE CLIENT FOR A DEFENSE TO CERCLA LIABILITY.**

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<sup>5</sup> Federal Register: November 1, 2005 (Volume 70, Number 210) Page 66081.

Roux Associates has performed this Phase I ESA in a professional manner using the degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Professional judgments expressed herein are based on the facts currently available to Roux Associates.

The AAI Rule requires, and the conclusions and recommendations stated herein, represent the application of a variety of engineering and technical disciplines to material facts and conditions associated with the Site. As such, these conclusions and recommendations are based on subjective interpretations and the exercise of discretion. Many of these facts and conditions are subject to change over time. Accordingly, the conclusions and recommendations must be considered within this context.

USER understands that Roux Associates will not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the Phase I ESA was performed. To the extent practicable, Roux Associates has identified data gaps and has evaluated the potential significance of such data gaps. Recommendations to address those data gaps are presented herein and are based on the data available at the time of the performance of the Phase I ESA. Implementation of the recommendations may not fully address the data gaps as the information obtained from execution of those recommendations may alter or modify the interpretation of the site conditions and conclusions regarding the data gaps.

It should be noted that Roux Associates has not conducted any intrusive activities on the Site and is relying on information presented by others, often in preliminary, draft, or verbal form. By referencing this information, Roux Associates does not accept responsibility for the accuracy of the underlying data, sampling methods, laboratory analysis, or documentation.

This Phase I ESA Report should not be considered a legal interpretation of existing environmental laws and regulations. The Phase I ESA was conducted with a reasonable degree of inquiry to identify significant RECs, but uncertainty is not eliminated. No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The Phase I ESA process is intended to reduce, but not eliminate, the uncertainty involved with identifying RECs.

This Phase I ESA Report is not an appraisal or value judgment of the Site. USER understands that Roux Associates shall not be liable for any use of the Phase I ESA Report as an appraisal or value judgment of the Site.

The Phase I ESA Report has been prepared for the exclusive use of USER for specific application to the Site covered by the Phase I ESA Report. USER understands that any third-party use of this Phase I ESA Report is the sole responsibility and at the sole liability of Long Market Property Partners, LLC.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312; and

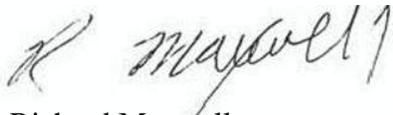
We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth on 40 CFR 312.

Respectfully submitted,

ROUX ASSOCIATES, INC.



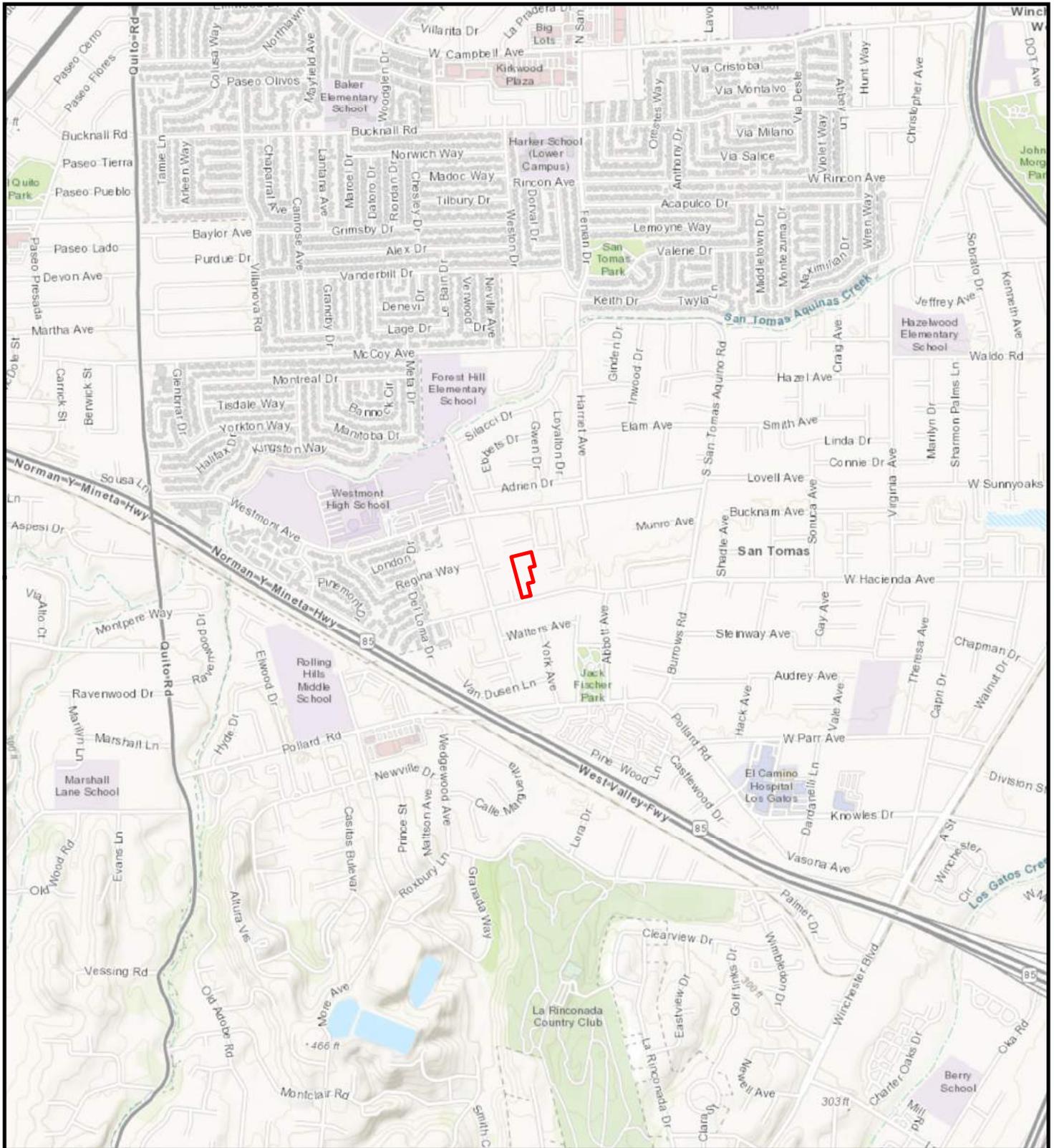
Gabe Matson  
Staff Geologist



Richard Maxwell  
Principal Geologist/  
Office Manager

**FIGURES**

1. Site Location Map
2. Site Plan



 Site Boundary



1,000 0 1,000 2,000

 Feet

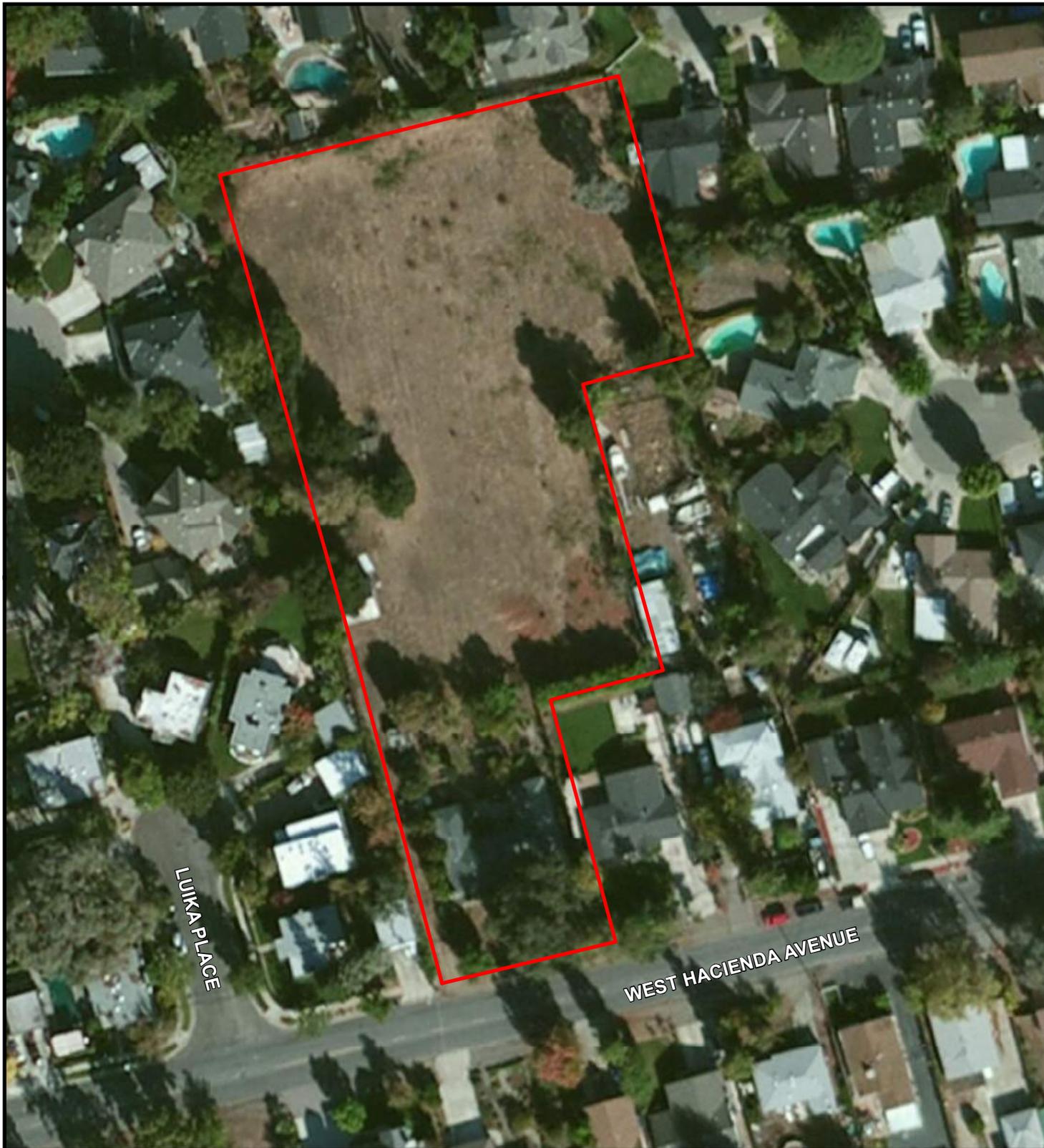
Title: **SITE LOCATION MAP**

1631 WEST HACIENDA AVENUE  
CAMPBELL, CALIFORNIA

Prepared For: GRIPRE, LLP

**ROUX**  
ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

Compiled by: GM	Date: 18SEP17	FIGURE  1
Prepared by: GM	Scale: 1" = 2,000'	
Project Mgr: RM	Project: 2988.0001S000	
File: Figure1		



Approximate Site Boundary



Title: **SITE PLAN**

1631 WEST HACIENDA AVENUE  
CAMPBELL, CALIFORNIA

Prepared For: GRIPRE, LLP

	Compiled by: GM	Date: 18SEP17	FIGURE 2
	Prepared by: GM	Scale: 1" = 100'	
	Project Mgr: RM	Project: 2988.0001S000	
	File: Figure2		

- A. Professional Profiles
- B. Federal and State Environmental Databases (Provided on CD with Bound Copy)
- C. Freedom of Information Law Letters and Responses
- D. Certified Sanborn Fire Insurance Maps
- E. Historical Aerial Photographs
- F. Historical Topographic Maps
- G. City Directory Abstract
- H. Site Photographs

Professional Profiles

## Gabriel Matson Staff Assistant Geologist

### Technical Specialties:

Support on Brownfield remediation projects including remedial oversight, environmental sight assesment, and data analysis. Field experience in both remote and industrial areas; comprising of soil, water, and soil vapor sampling.

### Credentials:

M.Sc. Geophysics, Victoria University of Wellington, New Zealand, 2016

B.S. Earth Science, University of California Santa Cruz, Santa Cruz, California, 2012

B.A. Mathematics, University of California Santa Cruz, Santa Cruz, California, 2012

### Experience Summary:

Staff Assistant Geologist with Roux Associates, Inc., Oakland, California

Master Student Researcher with the Victoria University of Wellington's Seismology Group, New Zealand

Geological Technician and Analyst, Asbestos TEM Labs, Berkeley, California

USGS-NAGT Geophysics Intern, US Geological Survey, Menlo Park, California

Marine Geological Technician, Integrated Ocean Drilling Program (currently International Ocean Discovery Program), College Station, Texas

### Health & Safety:

OSHA 40-Hour HAZWOPER Course, 2016

First Aid Course, 2015

### Professional Affiliations:

American Geophysical Union

Geological Society of America

### Roux Key Projects:

- Conducted California RWQCB file reviews for Phase I environmental assessments. Also, conducted site walks, reviewed public documents and prepared reports of the findings.
- Sampled stockpiles and in-situ soil and logged soil borings for site characterizations in Santa Clara, California. Prepared site figures, validated laboratory results, and drafted reports.
- Assisted in the collected of soil vapor from former drycleaner in Concord, California
- Provided support on litigation projects including document reviews and data analysis.
- Assisted in soil sampling, the installation of and the logging of soil borings at a former steel manufacturing facility in South San Francisco, California.
- Performed semi-annual groundwater monitoring at former handler of hazardous waste and concrete facility in San Jose, California

### Previous Key Projects:

- Researched spatiotemporal relationships between induced microseismicity and geothermal injection. Constructd and implementated methods that precisely detected and located new seismic events. Used these new seismic detections to infer the hydraulic controls on induced seismicity.
- Identified, mapped, and interpreted geologic structures and stratigraphic units across approximately 15 square miles in the White Mountains of Eastern California
- Using GIS tools and in-field observations, mapped and interpreted neotectonic and volcanic features in and around the Owens Valley of Eastern California, including the Hilton Creek Fault, the Poverty Hills, and Panum Crater.
- Identified, mapped, and interpreted structures and stratigraphic units across approximately 5 square miles in the the Diablo Range of Central California.
- Collected grain size and maximum flow marker data along the length of the San Lorenzo River in Santa Cruz, CA. Interpreted data to detail the geomorphic signature of the San Lorenzo River.

### Publications:

G. Matson, M.K. Savage, and J. Townend. *Microseismicity at the Ngatamariki Geothermal Field, Taupo Volcanic Zone, New Zealand: Determination and implementation of a matched filter threshold*. In AGU Fall Meeting 2015. American Geophysical Union, December 2015. abstract S51D-2738

J.R. Peakcock, D.K. McPhee, D.A. Ponce, M.T. Mangan, C.C. MacPhersonKrutsky, and G. Matson. *Three Dimensional Visualization of Mono Basin, California from Geophysical Studies*. In AGU Fall Meeting 2013. American Geophysical Union, December 2013. abstract V11D04

V.E. Langenheim, D.S. Sweetkind, K.M. Schmidt, and G. Matson. *Fault Evolution in the Onshore Santa Maria Basin, California, as Inferred from Gravity and Magnetic Anomalies*. In GSA Annual Meeting & Expo 2013. Geological Society of America, November 2013

## **Richard Maxwell**

### **Principal Geologist/Office Manager**

**Technical Specialties:**

Design, implementation, and management of remedial investigations and Phase I and Phase II Environmental Site Assessments. New York State Brownfields Cleanup Program; Inactive Hazardous Wastes Site Program and Spills Program; New York City Office of Environmental Remediation Voluntary Cleanup Program.

**Experience Summary:**

Ten years of experience: Senior Geologist/Project Manager and Project Geologist at Roux Associates and Project Hydrogeologist at Kleinfelder.

**Credentials:**

B.S. Geology, Environmental Geology Track;  
State University of New York at Stony Brook  
OSHA 40-hour HAZWOPER Training  
OSHA 8-HOUR Refresher Training, Certificate Current  
Transit Worker Identification Credential Card Holder  
ExxonMobil Loss Prevention System certified.  
NYCOER Gold Certified Professional

**Professional Affiliations:**

Long Island Association of Professional Geologists

**Key Projects:**

- **Former Paragon Paint Factory:** Project Manager for a site in the New York State Brownfields Cleanup Program that also requires a RCRA-compliant facility closure. The site is a former paint factory located in Long Island City, New York. Due diligence environmental investigations determined historical site operations adversely impacted the subsurface, including an LNAPL plume in addition to petroleum hydrocarbon impacts to the soil and groundwater. Roux Associates has provided environmental consulting services for this project including multiple meetings and discussions with NYSDEC; preparation of multiple Interim Remedial Measure work plans, a RCRA Sampling Plan, Remedial Investigation Work Plan, Health and Safety Plan, Community Air Monitoring Plan, RCRA Facility Closure Plan, and the Remedial Action Work Plan. Roux Associates completed a Remedial Investigation at the site which characterized the nature and extent of the impacts. The remedial action included a large excavation that required SOE and was completed under a tent due to odor concerns, multiple ISCO injections, UST removal/abandonment, installation of a LNAPL recovery system, and installation of an SSDS. Additionally, Roux Associates provided oversight of RCRA closure activities at the site which included emptying, cleaning, and scrapping 65 ASTs/vessels, decontaminating the ceilings, walls and floors of the Paint Factory Building and collection of compliance samples.
- **Post Road Corridor – White Plains:** Project Manager for a site in the New York State Brownfields Cleanup Program. The site, which consists of 16 separate parcels spanning 4.5 acres, has a variety of former uses including automotive service/repair and multiple drycleaners. Due diligence environmental investigations determined the site has both chlorinated and petroleum hydrocarbon impacts to the soil and groundwater. Roux Associates prepared the BCP Pre-Application Worksheets and the BCP Application which were

required for entry into the BCP after which, Roux Associates prepared the Citizen Participation Plan, RIWP, HASP, and CAMP. Roux Associates completed the RI in 2015 which defined the nature and extent of the impacts. Preparation of the RAWP is underway.

- **Syosset Park** – Project Manager for ongoing large and complex redevelopment of a 92-acre Site located in Nassau County. The Site has an extensive environmental history, including former use as a wire and conduit manufacturer (former NYS Inactive Hazardous Waste Site), former landfill (currently a Federal Superfund site), and town DPW facility. Activities completed including compiling, reviewing, extracting, and summarizing numerous historical environmental reports prepared for the site, interacting with NYSDEC, USEPA, TOB, and NCDOH and completing a supplemental soil investigation.
- **LA Central** – Project Manager for the redevelopment of a 4.1-acre site located in the Bronx. Redevelopment plans include a multi-phase, mixed-use affordable housing development offering 992 apartments. Roux Associates completed a Phase I and Phase II at the site which identified historic fill and chlorinates in groundwater. A restrictive declaration had been previously assigned to the site and the client initially opted to go through NYCOER's Voluntary Cleanup Program to address the RD, and we started that process by submitting an RIWP to NYCOER. However, in 2015, changes were made to the New York State Brownfield Cleanup Program that made the BCP an attractive option for this site and, therefore, we have changed course and will be submitting a BCP Application.
- **Neil Court:** Project Manager for a fast-paced property transfer complicated by multiple environmental issues. Roux Associates designed and implemented a Phase II Environmental Site Assessment at a former warehouse. Results of the Phase II ESA revealed petroleum hydrocarbon impacts to soil related to former USTs, an orphaned pipeline, and unregistered and impacted drywells. In support of the pending transaction, Roux Associates prepared a work plan and submitted it to NYSDEC, performed hot-spot soil excavations, removed the orphaned pipeline, prepared a summary report, received closure of the NYSDEC spill number and cleaned, restored, and registered each of the site's 12 drywells classified as Class V injection control wells with the USEPA. The above work was completed in less than a month in order to comply with the client's sales agreement for the site.
- Project Manager for an E-Designation and NYSDEC Spills site located in Midtown Manhattan, which included the completion of Phase I and Phase II investigations and LNAPL delineation. Remedy included enhanced fluid recovery events and excavation prior to the redevelopment of the Site. The Site was enrolled in the NYCOER VCP and all investigation and remedial activities were completed in accordance with NYCOER and NYSDEC Spill Program guidelines.

## Richard Maxwell

### Principal Geologist/Office Manager

- Project Manager for a Phase II Environmental Site Assessment completed in conjunction with interior decontamination and selective demolition at a former research and development facility of a major automobile manufacturer. Project included a Phase II site investigation that included soil and groundwater sampling, oversight of interior decontamination activities (including management of multiple waste streams generated therefrom) and oversight of selective interior demolition.
- Field Manager for the completion of Phase I and Phase II Environmental Site Assessment activities associated with a proposed mixed-use redevelopment located in Westchester, New York. Work included management of subsurface investigation activities to characterize soil conditions, and working closely with client's architects and construction contractors to integrate the proposed site remediation into the project development plan (including evaluating multiple potential disposal scenarios). Site contaminants included hydrocarbons (including a free-product plume from former USTs), and historic fill constituents.
- Project Geologist for multiple Remedial Investigations and Feasibility Studies for several Operable Units at a 130+ acre active railyard located in Queens, New York. Responsibilities include the completion of field investigations to characterize a PCB-contaminated separate-phase hydrocarbon plume, as well as PCB, hydrocarbon, and metals impacted soil and groundwater at this listed state superfund site. Additional work includes the development of multiple Work Plans and Remedial Investigation and Feasibility Study Reports to characterize soil, groundwater, and soil vapor impacts as part multiple Operable Units; and interaction with the NYSDEC and NYSDOH.
- Performed numerous Phase I Environmental Site Assessments according to ASTM E1527-05 for due diligence of large retail shopping centers, industrial facilities, office buildings, and vacant land located throughout the New York Metro region. Associated activities included agency contact, database management and interpretation, report preparation, and recommendations for additional work.
- Performed multiple Phase I and II Environmental Site Assessments as part of due diligence in support of divestiture of retail petroleum stations located throughout New York and New Jersey by a major oil company.
- Conducted numerous environmental site assessments to identify areas of concern, such as underground storage tanks, soil contamination, air pollution activities, and hazardous materials. Activities also included ISRA consultation such as site evaluation submissions, conducting site inspections, and negotiating data submittals with NJDEP.
- Field Manager for the investigation of a Spill in Williamsburg, Brooklyn, New York in which we successfully demonstrated to NYSDEC's Spills Group that impacts to a deep groundwater zone beneath our client's site were a result of offsite contamination migrating onsite from a nearby active gasoline station (not a result of our client's former industrial operations). Impacts included the presence of several feet of free product in a deep groundwater zone. We were successful in getting our client's Spill Case closed, saving our client from additional investigation activities, and what will likely be a multi-million dollar remediation.
- Field Manager of a Dual Phase Vapor Extraction system feasibility study conducted over a one-month period at a commercial rail way facility. DPVE technology was evaluated for its effectiveness at recovering PCB contaminated separate-phase hydrocarbons.
- Field Manager for abandonment of multiple USTs and remedial excavation at an active rail yard. Responsibilities included: community air monitoring program oversight, waste management and sampling, subcontractor management, endpoint sample collection, and documentation and communicating with regulators and neighbors regarding onsite activities.
- Field Manager for divestment of multiple petroleum service facilities, which included decommissioning, cleaning, and removal of USTs, oversight of remedial excavations, and excavation and restoration of drywells.
- Field Manager for a UST removal program at a vacant parcel located in Paterson, New Jersey for a major transit agency. Further work included the completion of a soil and groundwater investigation, installation of monitoring wells, oversight of remedial excavation activities, the completion of aquifer testing, and completion of routine groundwater investigations as part of the NJDEP-approved monitored natural attenuation remedy for the site.
- Field Manager for the construction and installation of remedial AS/SVE systems, groundwater pump and treat systems, and petroleum service station upgrade.
- Field Manager for the completion of a Preliminary Assessment and Site Investigation (PA/SI) at an active ship dry dock facility in Hoboken, New Jersey. I was responsible for the coordination and management of field investigation activities, which included soil, groundwater, and sediment sampling, as well as the preparation of a PA and SI report. This work was completed on behalf of a potential buyer of the property who planned to redevelop this site into a New York City ferry terminal.
- Provided oversight of UST removal at multiple sites including residential, commercial, and industrial on behalf of major insurance companies.
- Performed multiple AS/SVE feasibility study and 48-hour pump tests to evaluate employing of the technology to remediate impacted sites.
- Performed field duties including groundwater sample collection; soil sample logging and collection; drilling oversight; supervision of monitoring well construction; enhanced fluid recovery; excavation oversight; underground storage tank removal; SVE/AS pilot testing; remediation system construction oversight, operation and maintenance of remediation systems.

Federal and State Environmental Databases  
(Provided on CD with Bound Copy)

**1631 W Hacienda Ave**  
1631 W Hacienda Ave  
Campbell, CA 95008

Inquiry Number: 5032819.2s  
August 25, 2017

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

1631 W HACIENDA AVE  
CAMPBELL, CA 95008

#### COORDINATES

Latitude (North): 37.2691080 - 37° 16' 8.78"  
Longitude (West): 121.9788470 - 121° 58' 43.84"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 590540.5  
UTM Y (Meters): 4125010.8  
Elevation: 242 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640416 SAN JOSE WEST, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140606  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 1631 W HACIENDA AVE  
 CAMPBELL, CA 95008

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	DENNY HALL RACING EN	1159 ARCHER WAY	EDR Hist Auto	Lower	325, 0.062, NE
<a href="#">A2</a>	TERSIGNI JOE TRCTR-T	1296 HARRIET AVE	EDR Hist Auto	Higher	342, 0.065, SW
<a href="#">A3</a>	TERSIGNI JOE TRCTR-T	1295 HARRIET AVE	EDR Hist Auto	Higher	469, 0.089, SW
<a href="#">4</a>	TENCATI AUTOMOTIVES	1132 HARRIET	EDR Hist Auto	Higher	532, 0.101, NW
<a href="#">B5</a>	TABACCO BROS.	1181 ABBOTT AVE	SWEEPS UST, CA FID UST	Lower	639, 0.121, ENE
<a href="#">B6</a>	D R HORTON	1181 ABBOTT AVE	LUST, HAZNET, HIST CORTESE, NPDES	Lower	639, 0.121, ENE
<a href="#">B7</a>	TABACCO BROS	1181 ABBOTT AVE	HIST UST	Lower	639, 0.121, ENE
<a href="#">B8</a>	CLEMENTE TOBACCO	1181 ABBOTT AVE	LUST, HIST LUST	Lower	639, 0.121, ENE
<a href="#">9</a>	CHEVRON #90489	1255 HACIENDA AVE	LUST, SLIC, HIST LUST, SWEEPS UST, HIST CORTESE	Lower	1975, 0.374, East

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
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-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
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

## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

### **Federal ERNS list**

ERNS..... Emergency Response Notification System

### **State- and tribal - equivalent NPL**

RESPONSE..... State Response Sites

### **State- and tribal - equivalent CERCLIS**

ENVIROSTOR..... EnviroStor Database

### **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

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

### **State and tribal voluntary cleanup sites**

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

### **State and tribal Brownfields sites**

BROWNFIELDS..... Considered Brownfields Sites Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

### **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

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

### **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL..... Delisted National Clandestine Laboratory Register

## EXECUTIVE SUMMARY

HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register

### **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
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines

## EXECUTIVE SUMMARY

FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
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
Notify 65.....	Proposition 65 Records
SAN JOSE HAZMAT.....	Hazardous Material Facilities
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***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 3 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>D R HORTON</i></b>	<b><i>1181 ABBOTT AVE</i></b>	<b><i>ENE 0 - 1/8 (0.121 mi.)</i></b>	<b><i>B6</i></b>	<b><i>10</i></b>
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST, Date of Government Version: 06/12/2017 Status: Completed - Case Closed Date Closed: 01/07/1991 Global Id: T0608500431 SCVWD ID: 07S1W04B01F				
<b><i>CLEMENTE TOBACCO</i></b>	<b><i>1181 ABBOTT AVE</i></b>	<b><i>ENE 0 - 1/8 (0.121 mi.)</i></b>	<b><i>B8</i></b>	<b><i>16</i></b>
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Case Closed date9: 1/7/1991				
<b><i>CHEVRON #90489</i></b>	<b><i>1255 HACIENDA AVE</i></b>	<b><i>E 1/4 - 1/2 (0.374 mi.)</i></b>	<b><i>9</i></b>	<b><i>16</i></b>
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 06/12/2017 Status: Completed - Case Closed Facility Status: Case Closed Date Closed: 12/28/1998 Global Id: T0608500337 SCVWD ID: 08S1W04B02F date9: 12/28/1998				

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 is 1 SLIC site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CHEVRON #90489</i></b>	<b><i>1255 HACIENDA AVE</i></b>	<b><i>E 1/4 - 1/2 (0.374 mi.)</i></b>	<b><i>9</i></b>	<b><i>16</i></b>
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: 43S0779				

## EXECUTIVE SUMMARY

HIST LUST: 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.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 2 HIST LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CLEMENTE TOBACCO</b> SCVWD ID: 07S1W04B01	<b>1181 ABBOTT AVE</b>	<b>ENE 0 - 1/8 (0.121 mi.)</b>	<b>B8</b>	<b>16</b>
<b>CHEVRON #90489</b> SCVWD ID: 08S1W04B02	<b>1255 HACIENDA AVE</b>	<b>E 1/4 - 1/2 (0.374 mi.)</b>	<b>9</b>	<b>16</b>

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **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 is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TABACCO BROS.</b> Comp Number: 32163	<b>1181 ABBOTT AVE</b>	<b>ENE 0 - 1/8 (0.121 mi.)</b>	<b>B5</b>	<b>9</b>

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 is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TABACCO BROS</b> Facility Id: 00000032163	<b>1181 ABBOTT AVE</b>	<b>ENE 0 - 1/8 (0.121 mi.)</b>	<b>B7</b>	<b>15</b>

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TABACCO BROS.</b> Facility Id: 43001971	<b>1181 ABBOTT AVE</b>	<b>ENE 0 - 1/8 (0.121 mi.)</b>	<b>B5</b>	<b>9</b>

## EXECUTIVE SUMMARY

Status: A

### ***Other Ascertainable Records***

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 [CALSTATES]. 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 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>D R HORTON</b> Reg Id: 43-0380	<b>1181 ABBOTT AVE</b>	<b>ENE 0 - 1/8 (0.121 mi.)</b>	<b>B6</b>	<b>10</b>
<b>CHEVRON #90489</b> Reg Id: 43-0280	<b>1255 HACIENDA AVE</b>	<b>E 1/4 - 1/2 (0.374 mi.)</b>	<b>9</b>	<b>16</b>

### **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.

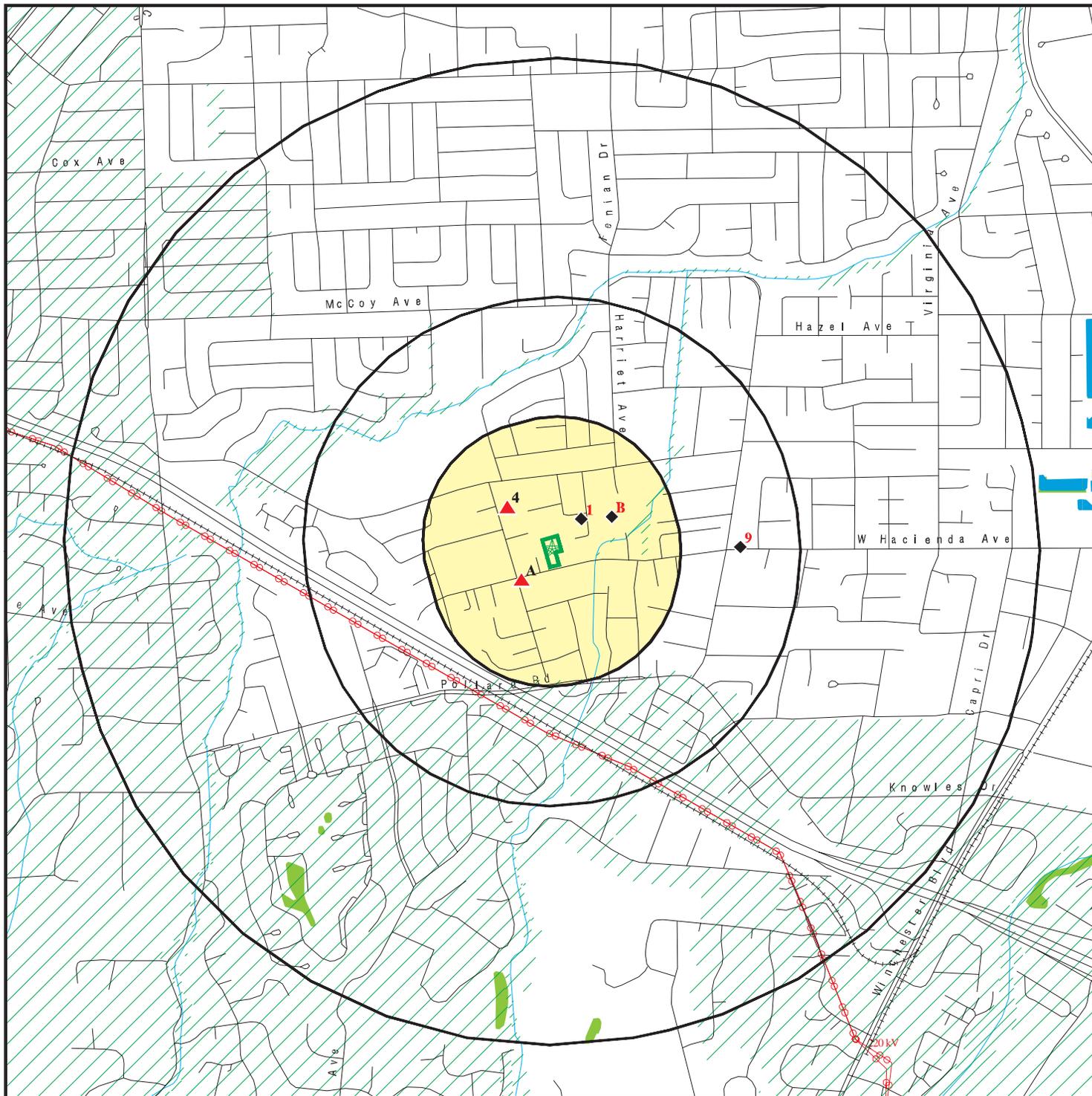
A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TERSIGNI JOE TRCTR-T	1296 HARRIET AVE	SW 0 - 1/8 (0.065 mi.)	A2	8
TERSIGNI JOE TRCTR-T	1295 HARRIET AVE	SW 0 - 1/8 (0.089 mi.)	A3	8
TENCATI AUTOMOTIVES	1132 HARRIET	NW 0 - 1/8 (0.101 mi.)	4	9
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DENNY HALL RACING EN	1159 ARCHER WAY	NE 0 - 1/8 (0.062 mi.)	1	8

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 5032819.2S



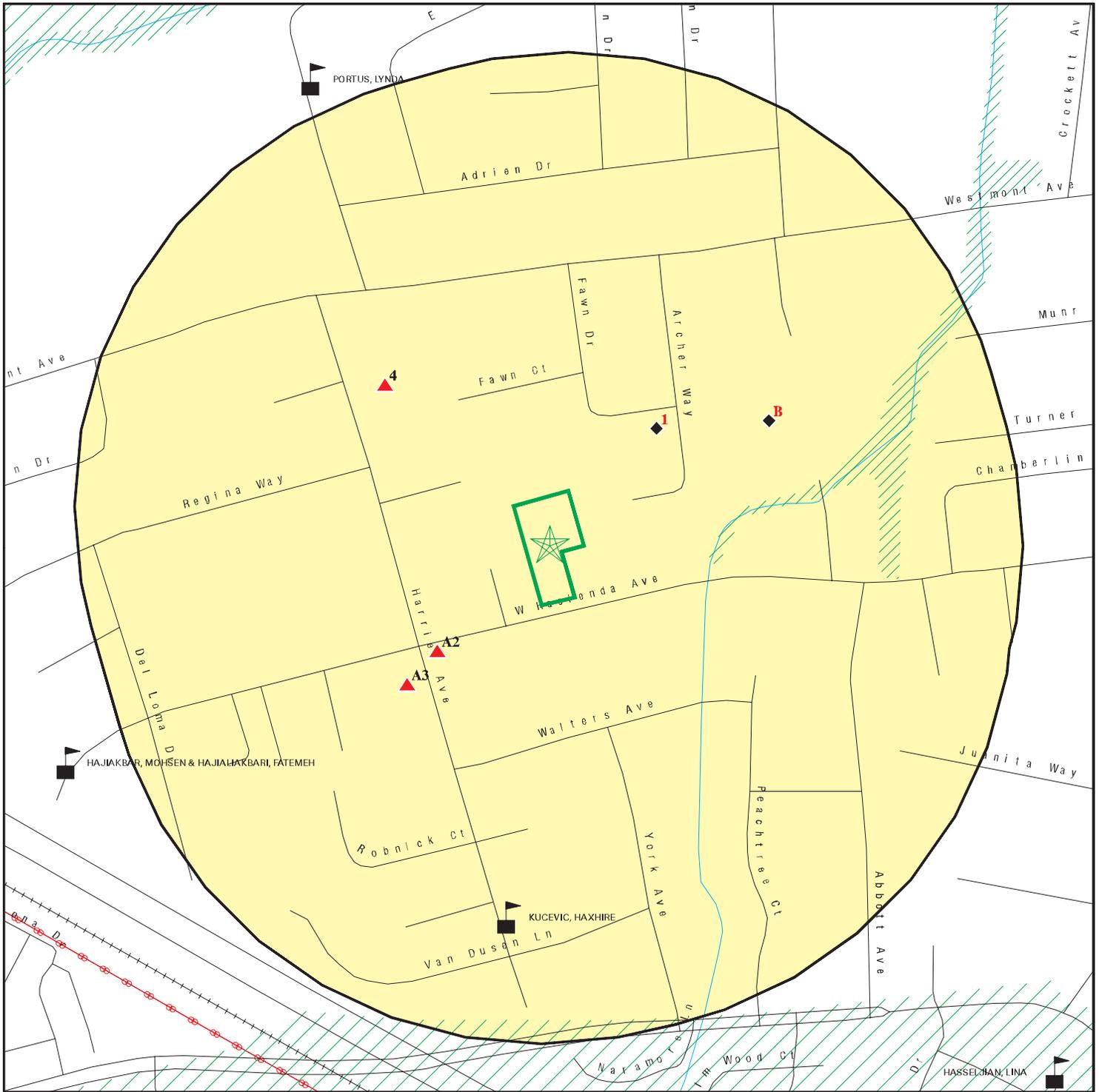
- |   |                            |                            |                  |
|---|----------------------------|----------------------------|------------------|
| Target Property   | 0 1/4 1/2 1 Miles          | Indian Reservations BIA    | Upgradient Area  |
| Sites at elevations higher than or equal to the target property | Power transmission lines   | 100-year flood zone        | Areas of Concern |
| Sites at elevations lower than the target property              | 500-year flood zone        | National Wetland Inventory |                  |
| Manufactured Gas Plants   | National Wetland Inventory | State Wetlands             |                  |
| National Priority List Sites                                    |                            |                            |                  |
| Dept. Defense Sites   |                            |                            |                  |

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: 1631 W Hacienda Ave  
 ADDRESS: 1631 W Hacienda Ave  
 Campbell CA 95008  
 LAT/LONG: 37.269108 / 121.978847

CLIENT: Roux Associates Inc  
 CONTACT: Gabe Matson  
 INQUIRY #: 5032819.2s  
 DATE: August 25, 2017 12:57 pm

# DETAIL MAP - 5032819.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  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: 1631 W Hacienda Ave  
 ADDRESS: 1631 W Hacienda Ave  
 Campbell CA 95008  
 LAT/LONG: 37.269108 / 121.978847

CLIENT: Roux Associates Inc  
 CONTACT: Gabe Matson  
 INQUIRY #: 5032819.2s  
 DATE: August 25, 2017 12:59 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		2	0	1	NR	NR	3

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	1	NR	NR	1
HIST LUST	0.500		1	0	1	NR	NR	2
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		1	0	NR	NR	NR	1
CA FID UST	0.250		1	0	NR	NR	NR	1
<b><i>Local Land Records</i></b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	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	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	0	1	NR	NR	2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
SAN JOSE HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	11	0	4	0	0	15

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**1**  
**NE**  
**< 1/8**  
**0.062 mi.**  
**325 ft.**

**DENNY HALL RACING ENP**  
**1159 ARCHER WAY**  
**CAMPBELL, CA 95008**

**EDR Hist Auto**    **1021059510**  
**N/A**

**Relative:**  
**Lower**

EDR Hist Auto

**Actual:**  
**238 ft.**

Year:	Name:	Type:
1989	DENNY HALL RACING ENP	General Automotive Repair Shops
1990	DENNY HALL RACING ENP	General Automotive Repair Shops
1991	DENNY HALL RACING ENP	General Automotive Repair Shops
1992	DENNY HALL RACING ENP	General Automotive Repair Shops
1993	DENNY HALL RACING ENP	General Automotive Repair Shops
1994	DENNY HALL RACING ENP	General Automotive Repair Shops
1995	DENNY HALL RACING ENP	General Automotive Repair Shops
1996	DENNY HALL RACING ENP	General Automotive Repair Shops
1997	DENNY HALL RACING ENP	General Automotive Repair Shops
1998	DENNY HALL RACING ENP	General Automotive Repair Shops
1999	DENNY HALL RACING ENP	General Automotive Repair Shops
2000	DENNY HALL RACING ENP	General Automotive Repair Shops
2001	DENNY HALL RACING ENP	General Automotive Repair Shops
2002	DENNY HALL RACING ENP	General Automotive Repair Shops
2003	DENNY HALL RACING ENP	General Automotive Repair Shops
2004	DENNY HALL RACING ENP	General Automotive Repair Shops
2005	DENNY HALL RACING ENP	General Automotive Repair Shops
2006	DENNY HALL RACING ENP	General Automotive Repair Shops
2007	DENNY HALL RACING ENP	General Automotive Repair Shops
2008	DENNY HALL RACING ENP	General Automotive Repair Shops

**A2**  
**SW**  
**< 1/8**  
**0.065 mi.**  
**342 ft.**

**TERSIGNI JOE TRCTR-TRCK WK**  
**1296 HARRIET AVE**  
**CAMPBELL, CA 95008**

**EDR Hist Auto**    **1020498380**  
**N/A**

**Site 1 of 2 in cluster A**

**Relative:**  
**Higher**

EDR Hist Auto

**Actual:**  
**249 ft.**

Year:	Name:	Type:
1978	TERSIGNI JOE TRCTR-TRCK WRKS	General Automotive Repair Shops
1979	TERSIGNI JOE TRCTR-TRCK WK	General Automotive Repair Shops
1980	TERSIGNI JOE TRCTR-TRCK WK	General Automotive Repair Shops

**A3**  
**SW**  
**< 1/8**  
**0.089 mi.**  
**469 ft.**

**TERSIGNI JOE TRCTR-TRCK WK**  
**1295 HARRIET AVE**  
**CAMPBELL, CA 95008**

**EDR Hist Auto**    **1021925996**  
**N/A**

**Site 2 of 2 in cluster A**

**Relative:**  
**Higher**

EDR Hist Auto

**Actual:**  
**251 ft.**

Year:	Name:	Type:
1982	TERSIGNI JOE TRCTR-TRCK WK	General Automotive Repair Shops
1983	TERSIGNI JOE TRCTR-TRCK WK	General Automotive Repair Shops
1985	TERSIGNI JOE TRCTR-TRCK WK	General Automotive Repair Shops
1986	TERSIGNI JOE TRCTR-TRCK WK	General Automotive Repair Shops
1987	TERSIGNI JOE TRCTR-TRCK WK	General Automotive Repair Shops
1988	TERSIGNI JOE TRCTR-TRCK WK	Repair Services, NEC

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**4**  
**NW**  
**< 1/8**  
**0.101 mi.**  
**532 ft.**

**TENCATI AUTOMOTIVES**  
**1132 HARRIET**  
**CAMPBELL, CA 95008**

**EDR Hist Auto**    **1022114736**  
**N/A**

**Relative:**  
**Higher**

EDR Hist Auto

**Actual:**  
**246 ft.**

Year:    Name:  
1977    TENCATI AUTOMOTIVES  
1978    TENCATI AUTOMOTIVES

Type:  
General Automotive Repair Shops  
General Automotive Repair Shops

**B5**  
**ENE**  
**< 1/8**  
**0.121 mi.**  
**639 ft.**

**TABACCO BROS.**  
**1181 ABBOTT AVE**  
**CAMPBELL, CA 95008**

**SWEEPS UST**    **S101624873**  
**CA FID UST**    **N/A**

**Site 1 of 4 in cluster B**

**Relative:**  
**Lower**

SWEEPS UST:

**Actual:**  
**235 ft.**

Status:                    Not reported  
Comp Number:            32163  
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:          43-008-032163-000001  
Tank Status:              Not reported  
Capacity:                  350  
Active Date:               Not reported  
Tank Use:                  M.V. FUEL  
STG:                        PRODUCT  
Content:                    LEADED  
Number Of Tanks:        3

Status:                    Not reported  
Comp Number:            32163  
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:          43-008-032163-000002  
Tank Status:              Not reported  
Capacity:                  550  
Active Date:               Not reported  
Tank Use:                  M.V. FUEL  
STG:                        PRODUCT  
Content:                    REG UNLEADED  
Number Of Tanks:        Not reported

Status:                    Not reported  
Comp Number:            32163  
Number:                    Not reported  
Board Of Equalization:   Not reported  
Referral Date:            Not reported  
Action Date:              Not reported  
Created Date:             Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TABACCO BROS. (Continued)**

**S101624873**

Owner Tank Id: Not reported  
SWRCB Tank Id: 43-008-032163-000003  
Tank Status: Not reported  
Capacity: 1000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 43001971  
Regulated By: UTNKA  
Regulated ID: 00032163  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4083794472  
Mail To: Not reported  
Mailing Address: 1181 ABBOTT AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CAMPBELL 95008  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**B6**  
**ENE**  
**< 1/8**  
**0.121 mi.**  
**639 ft.**

**D R HORTON**  
**1181 ABBOTT AVE**  
**CAMPBELL, CA 95008**  
**Site 2 of 4 in cluster B**

**LUST** **S103881170**  
**HAZNET** **N/A**  
**HIST CORTESE**  
**NPDES**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**235 ft.**

Region: STATE  
Global Id: T0608500431  
Latitude: 37.2697498132159  
Longitude: -121.97639465332  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 01/07/1991  
Lead Agency: SANTA CLARA COUNTY LOP  
Case Worker: UST  
Local Agency: SANTA CLARA COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:  
Global Id: T0608500431  
Contact Type: Regional Board Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D R HORTON (Continued)**

**S103881170**

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

Global Id: T0608500431  
Contact Type: Local Agency Caseworker  
Contact Name: UST CASE WORKER  
Organization Name: SANTA CLARA COUNTY LOP  
Address: 1555 Berger Drive, Suite 300  
City: SAN JOSE  
Email: Not reported  
Phone Number: 4089183400

Status History:

Global Id: T0608500431  
Status: Completed - Case Closed  
Status Date: 01/07/1991

Global Id: T0608500431  
Status: Open - Case Begin Date  
Status Date: 04/25/1988

Global Id: T0608500431  
Status: Open - Site Assessment  
Status Date: 11/07/1990

Regulatory Activities:

Global Id: T0608500431  
Action Type: Other  
Date: 04/25/1988  
Action: Leak Reported

Global Id: T0608500431  
Action Type: ENFORCEMENT  
Date: 08/01/1988  
Action: Notice of Responsibility - #39608

Global Id: T0608500431  
Action Type: REMEDIATION  
Date: 04/25/1988  
Action: Excavation

Global Id: T0608500431  
Action Type: ENFORCEMENT  
Date: 01/07/1991  
Action: Closure/No Further Action Letter

Global Id: T0608500431  
Action Type: RESPONSE  
Date: 08/01/1988  
Action: Other Report / Document

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D R HORTON (Continued)**

**S103881170**

LUST SANTA CLARA:

Region: SANTA CLARA  
SCVWD ID: 07S1W04B01F  
Date Closed: 01/07/1991  
EDR Link ID: 07S1W04B01F

HAZNET:

envid: S103881170  
Year: 2013  
GEPAID: CAC002744973  
Contact: D R HORTON  
Telephone: 9168695699  
Mailing Name: Not reported  
Mailing Address: 1181 ABBOTT AVE  
Mailing City,St,Zip: CAMPBELL, CA 95008  
Gen County: Santa Clara  
TSD EPA ID: CAD981382732  
TSD County: Alameda  
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: 0.4  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Not reported

HIST CORTESE:

Region: CORTESE  
Facility County Code: 43  
Reg By: LTNKA  
Reg Id: 43-0380

NPDES:

Npdes Number: Not reported  
Facility Status: Not reported  
Agency Id: Not reported  
Region: 2  
Regulatory Measure Id: 441525  
Order No: Not reported  
Regulatory Measure Type: Construction  
Place Id: Not reported  
WDID: 2 43C367936  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 2/2/2015  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
RECEIVED DATE: 10/7/2013  
PROCESSED DATE: 10/9/2013  
STATUS CODE NAME: Terminated

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D R HORTON (Continued)**

**S103881170**

STATUS DATE: 3/9/2015  
PLACE SIZE: 2.58  
PLACE SIZE UNIT: Acres  
FACILITY CONTACT NAME: Daryl Bauman  
FACILITY CONTACT TITLE: Site Superintendent  
FACILITY CONTACT PHONE: 209-992-0396  
FACILITY CONTACT PHONE EXT: Not reported  
FACILITY CONTACT EMAIL: DABauman@drhorton.com  
OPERATOR NAME: DR Horton  
OPERATOR ADDRESS: 6683 Owens Drive  
OPERATOR CITY: pleasanton  
OPERATOR STATE: California  
OPERATOR ZIP: 94588  
OPERATOR CONTACT NAME: Dennis Hudspeth  
OPERATOR CONTACT TITLE: Not reported  
OPERATOR CONTACT PHONE: 925-575-4228  
OPERATOR CONTACT PHONE EXT: Not reported  
OPERATOR CONTACT EMAIL: dhudspeth@drhorton.com  
OPERATOR TYPE: Private Business  
DEVELOPER NAME: DR Horton  
DEVELOPER ADDRESS: 5050 Hopyard Road Suite 180  
DEVELOPER CITY: Pleasanton  
DEVELOPER STATE: California  
DEVELOPER ZIP: 94588  
DEVELOPER CONTACT NAME: Dennis Hudspeth  
DEVELOPER CONTACT TITLE: Not reported  
CONSTYPE LINEAR UTILITY IND: N  
EMERGENCY PHONE NO: Not reported  
EMERGENCY PHONE EXT: Not reported  
CONSTYPE ABOVE GROUND IND: N  
CONSTYPE BELOW GROUND IND: N  
CONSTYPE CABLE LINE IND: N  
CONSTYPE COMM LINE IND: N  
CONSTYPE COMMERTIAL IND: N  
CONSTYPE ELECTRICAL LINE IND: N  
CONSTYPE GAS LINE IND: N  
CONSTYPE INDUSTRIAL IND: N  
CONSTYPE OTHER DESRIPTION: Not reported  
CONSTYPE OTHER IND: N  
CONSTYPE RECONS IND: N  
CONSTYPE RESIDENTIAL IND: Y  
CONSTYPE TRANSPORT IND: N  
CONSTYPE UTILITY DESCRIPTION: Not reported  
CONSTYPE UTILITY IND: N  
CONSTYPE WATER SEWER IND: N  
DIR DISCHARGE USWATER IND: N  
RECEIVING WATER NAME: Not reported  
CERTIFIER NAME: Dennis Hudspeth  
CERTIFIER TITLE: VP of Land Development  
CERTIFICATION DATE: 07-OCT-13  
PRIMARY SIC: Not reported  
SECONDARY SIC: Not reported  
TERTIARY SIC: Not reported  
  
Npdes Number: CAS000002  
Facility Status: Terminated  
Agency Id: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D R HORTON (Continued)**

**S103881170**

Region:	2
Regulatory Measure Id:	441525
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	2 43C367936
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/09/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	02/02/2015
Discharge Name:	DR Horton
Discharge Address:	6683 Owens Drive
Discharge City:	pleasanton
Discharge State:	California
Discharge Zip:	94588
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D R HORTON (Continued)**

**S103881170**

CONSTYPE OTHER IND: Not reported  
 CONSTYPE RECONS IND: Not reported  
 CONSTYPE RESIDENTIAL IND: Not reported  
 CONSTYPE TRANSPORT IND: Not reported  
 CONSTYPE UTILITY DESCRIPTION: Not reported  
 CONSTYPE UTILITY IND: Not reported  
 CONSTYPE WATER SEWER IND: Not reported  
 DIR DISCHARGE USWATER IND: Not reported  
 RECEIVING WATER NAME: Not reported  
 CERTIFIER NAME: Not reported  
 CERTIFIER TITLE: Not reported  
 CERTIFICATION DATE: Not reported  
 PRIMARY SIC: Not reported  
 SECONDARY SIC: Not reported  
 TERTIARY SIC: Not reported

**B7**  
**ENE**  
**< 1/8**  
**0.121 mi.**  
**639 ft.**

**TABACCO BROS**  
**1181 ABBOTT AVE**  
**CAMPBELL, CA 95008**  
**Site 3 of 4 in cluster B**

**HIST UST U001600907**  
**N/A**

**Relative:**  
**Lower**

HIST UST:  
 File Number: 00020963  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020963.pdf>  
 Region: STATE  
 Facility ID: 00000032163  
 Facility Type: Other  
 Other Type: PRUNE ORCHARD  
 Contact Name: CLEMENTE & JERRY TABACCO  
 Telephone: 4083794472  
 Owner Name: TABACCO BROS.  
 Owner Address: 1181 ABBOTT AVE  
 Owner City,St,Zip: CAMPBELL, CA 95008  
 Total Tanks: 0003

**Actual:**  
**235 ft.**

Tank Num: 001  
 Container Num: ONE  
 Year Installed: Not reported  
 Tank Capacity: 00000350  
 Tank Used for: PRODUCT  
 Type of Fuel: REGULAR  
 Container Construction Thickness: Not reported  
 Leak Detection: None

Tank Num: 002  
 Container Num: TWO  
 Year Installed: 1974  
 Tank Capacity: 00000550  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Container Construction Thickness: 12  
 Leak Detection: None

Tank Num: 003  
 Container Num: THREE  
 Year Installed: 1977  
 Tank Capacity: 00001000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TABACCO BROS (Continued)**

**U001600907**

Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**B8  
ENE  
< 1/8  
0.121 mi.  
639 ft.**

**CLEMENTE TOBACCO  
1181 ABBOTT AVE  
CAMPBELL, CA 95008**

**LUST S102428133  
HIST LUST N/A**

**Site 4 of 4 in cluster B**

**Relative:  
Lower**

LUST REG 2:

Region: 2  
Facility Id: Not reported  
Facility Status: Case Closed  
Case Number: 07S1W04B01f  
How Discovered: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assesment Wokplan Submitted: Not reported  
Preliminary Site Assesment Began: 11/7/1990  
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

**Actual:  
235 ft.**

HIST LUST SANTA CLARA:

Region: SANTA CLARA  
Region Code: 2  
SCVWD ID: 07S1W04B01  
Oversite Agency: SCVWD  
Date Listed: 1989-01-01 00:00:00  
Closed Date: 1991-01-07 00:00:00

**9  
East  
1/4-1/2  
0.374 mi.  
1975 ft.**

**CHEVRON #90489  
1255 HACIENDA AVE  
CAMPBELL, CA 95008**

**LUST S103454492  
SLIC N/A  
HIST LUST  
SWEEPS UST  
HIST CORTESE**

**Relative:  
Lower**

LUST:

Region: STATE  
Global Id: T0608500337  
Latitude: 37.269153  
Longitude: -121.970895  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 12/28/1998  
Lead Agency: SANTA CLARA COUNTY LOP  
Case Worker: UST  
Local Agency: SANTA CLARA COUNTY LOP  
RB Case Number: Not reported

**Actual:  
240 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON #90489 (Continued)**

**S103454492**

LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608500337  
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

Global Id: T0608500337  
Contact Type: Local Agency Caseworker  
Contact Name: UST CASE WORKER  
Organization Name: SANTA CLARA COUNTY LOP  
Address: 1555 Berger Drive, Suite 300  
City: SAN JOSE  
Email: Not reported  
Phone Number: 4089183400

Status History:

Global Id: T0608500337  
Status: Completed - Case Closed  
Status Date: 12/28/1998

Global Id: T0608500337  
Status: Open - Case Begin Date  
Status Date: 01/01/1989

Global Id: T0608500337  
Status: Open - Site Assessment  
Status Date: 01/01/1989

Regulatory Activities:

Global Id: T0608500337  
Action Type: ENFORCEMENT  
Date: 12/28/1998  
Action: Closure/No Further Action Letter

Global Id: T0608500337  
Action Type: Other  
Date: 04/17/1989  
Action: Leak Reported

Global Id: T0608500337  
Action Type: ENFORCEMENT  
Date: 05/25/1994  
Action: Notice of Responsibility - #39310

Global Id: T0608500337

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON #90489 (Continued)**

**S103454492**

Action Type: ENFORCEMENT  
Date: 02/27/1997  
Action: Staff Letter - #19595

Global Id: T0608500337  
Action Type: ENFORCEMENT  
Date: 09/12/1995  
Action: Staff Letter - #19788

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 12/28/1998  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 08/17/1989  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 08/25/1999  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 07/21/1995  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 12/28/1998  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 02/04/2006  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 06/13/2006  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 10/06/1995  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 08/27/1997  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 08/11/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON #90489 (Continued)**

**S103454492**

Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 01/01/1990  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 04/26/1989  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 10/09/1992  
Action: Other Report / Document

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 03/01/1997  
Action: Monitoring Report - Quarterly

Global Id: T0608500337  
Action Type: RESPONSE  
Date: 11/09/1995  
Action: Monitoring Report - Quarterly

**LUST REG 2:**

Region: 2  
Facility Id: Not reported  
Facility Status: Case Closed  
Case Number: 08S1W04B02f  
How Discovered: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 1/1/1989  
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

**LUST SANTA CLARA:**

Region: SANTA CLARA  
SCVWD ID: 08S1W04B02F  
Date Closed: 12/28/1998  
EDR Link ID: 08S1W04B02F

**SLIC REG 2:**

Region: 2  
Facility ID: 43S0779  
Facility Status: Pollution Characterization  
Date Closed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON #90489 (Continued)**

**S103454492**

Local Case #: Not reported  
How Discovered: Tank Closure  
Leak Cause: UNK  
Leak Source: UNK  
Date Confirmed: Not reported  
Date Prelim Site Assmnt Workplan Submitted: Not reported  
Date Preliminary Site Assessment Began: Not reported  
Date Pollution Characterization Began: 5/16/1989  
Date Remediation Plan Submitted: Not reported  
Date Remedial Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

**HIST LUST SANTA CLARA:**

Region: SANTA CLARA  
Region Code: 2  
SCVWD ID: 08S1W04B02  
Oversite Agency: SCVWD  
Date Listed: 1990-01-01 00:00:00  
Closed Date: 1998-12-28 00:00:00

**SWEEPS UST:**

Status: Not reported  
Comp Number: 61829  
Number: Not reported  
Board Of Equalization: 44-026330  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 43-008-061829-000001  
Tank Status: Not reported  
Capacity: 10000  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: 4

Status: Not reported  
Comp Number: 61829  
Number: Not reported  
Board Of Equalization: 44-026330  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 43-008-061829-000002  
Tank Status: Not reported  
Capacity: 5000  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON #90489 (Continued)**

**S103454492**

Comp Number: 61829  
Number: Not reported  
Board Of Equalization: 44-026330  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 43-008-061829-000003  
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: 61829  
Number: Not reported  
Board Of Equalization: 44-026330  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 43-008-061829-000004  
Tank Status: Not reported  
Capacity: 550  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: WASTE  
Content: Not reported  
Number Of Tanks: Not reported

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 43  
Reg By: LTNKA  
Reg Id: 43-0280

Count: 0 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
NO SITES FOUND					

# 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: 04/05/2017	Source: EPA
Date Data Arrived at EDR: 04/21/2017	Telephone: N/A
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/16/2017
	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: 04/05/2017	Source: EPA
Date Data Arrived at EDR: 04/21/2017	Telephone: N/A
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/16/2017
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/05/2017	Source: EPA
Date Data Arrived at EDR: 04/21/2017	Telephone: N/A
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/16/2017
	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: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 07/07/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 10/16/2017
	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: 02/07/2017	Source: EPA
Date Data Arrived at EDR: 04/19/2017	Telephone: 800-424-9346
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/21/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/30/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

### SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 02/07/2017	Source: EPA
Date Data Arrived at EDR: 04/19/2017	Telephone: 800-424-9346
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/30/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 08/11/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/09/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 08/11/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/09/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 08/11/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/09/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 08/11/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/09/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 08/11/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/09/2017
	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: 12/28/2016	Source: Department of the Navy
Date Data Arrived at EDR: 01/04/2017	Telephone: 843-820-7326
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/10/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 11/27/2017
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/28/2017	Telephone: 703-603-0695
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 05/31/2017
Number of Days to Update: 101	Next Scheduled EDR Contact: 09/11/2017
	Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/28/2017	Telephone: 703-603-0695
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 05/31/2017
Number of Days to Update: 101	Next Scheduled EDR Contact: 09/11/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

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: 06/28/2017

Next Scheduled EDR Contact: 10/09/2017

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: 07/31/2017

Date Data Arrived at EDR: 08/01/2017

Date Made Active in Reports: 08/15/2017

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 08/01/2017

Next Scheduled EDR Contact: 11/13/2017

Data Release Frequency: Quarterly

## **State- and tribal - equivalent CERCLIS**

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/31/2017

Date Data Arrived at EDR: 08/01/2017

Date Made Active in Reports: 08/15/2017

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 08/01/2017

Next Scheduled EDR Contact: 11/13/2017

Data Release Frequency: Quarterly

## **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/13/2017

Date Data Arrived at EDR: 02/15/2017

Date Made Active in Reports: 05/02/2017

Number of Days to Update: 76

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 08/17/2017

Next Scheduled EDR Contact: 11/27/2017

Data Release Frequency: Quarterly

## **State and tribal leaking storage tank lists**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/12/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/14/2017	Telephone: see region list
Date Made Active in Reports: 08/22/2017	Last EDR Contact: 06/14/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Quarterly

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

## LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003  
Date Data Arrived at EDR: 05/19/2003  
Date Made Active in Reports: 06/02/2003  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/01/2016  
Date Data Arrived at EDR: 01/26/2017  
Date Made Active in Reports: 05/05/2017  
Number of Days to Update: 99

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 07/27/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016  
Date Data Arrived at EDR: 01/27/2017  
Date Made Active in Reports: 05/05/2017  
Number of Days to Update: 98

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 07/28/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/01/2016	Source: EPA Region 7
Date Data Arrived at EDR: 01/26/2017	Telephone: 913-551-7003
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: 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: 11/14/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 01/26/2017	Telephone: 312-886-7439
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/17/2016	Source: EPA Region 8
Date Data Arrived at EDR: 01/26/2017	Telephone: 303-312-6271
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/06/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/26/2017	Telephone: 415-972-3372
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 11/14/2016	Source: EPA Region 1
Date Data Arrived at EDR: 01/26/2017	Telephone: 617-918-1313
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/12/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 08/23/2017	Last EDR Contact: 06/14/2017
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

## SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

## SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

## **State and tribal registered storage tank lists**

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 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: 07/14/2017  
Next Scheduled EDR Contact: 10/23/2017  
Data Release Frequency: Varies

### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/12/2017  
Date Data Arrived at EDR: 06/14/2017  
Date Made Active in Reports: 08/23/2017  
Number of Days to Update: 70

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 06/14/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 06/21/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/09/2017
	Data Release Frequency: Quarterly

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/14/2017	Source: EPA Region 5
Date Data Arrived at EDR: 01/26/2017	Telephone: 312-886-6136
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/01/2016	Source: EPA Region 7
Date Data Arrived at EDR: 01/26/2017	Telephone: 913-551-7003
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Semi-Annually

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 11/14/2016	Source: EPA, Region 1
Date Data Arrived at EDR: 01/26/2017	Telephone: 617-918-1313
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: 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: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/06/2016	Source: EPA Region 9
Date Data Arrived at EDR: 01/26/2017	Telephone: 415-972-3368
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

## INDIAN 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: 10/17/2016	Source: EPA Region 8
Date Data Arrived at EDR: 01/26/2017	Telephone: 303-312-6137
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/01/2016	Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017	Telephone: 214-665-7591
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Semi-Annually

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/27/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/09/2017
	Data Release Frequency: Varies

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/01/2017	Telephone: 916-323-3400
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 08/01/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal Brownfields sites***

### **BROWNFIELDS: Considered Brownfields Sites Listing**

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 01/03/2017  
Date Data Arrived at EDR: 01/04/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 57

Source: State Water Resources Control Board  
Telephone: 916-323-7905  
Last EDR Contact: 06/28/2017  
Next Scheduled EDR Contact: 10/09/2017  
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: 03/02/2017  
Date Data Arrived at EDR: 03/02/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 06/20/2017  
Next Scheduled EDR Contact: 10/02/2017  
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: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: No Update Planned

#### **SWRCY: Recycler Database**

A listing of recycling facilities in California.

Date of Government Version: 03/13/2017  
Date Data Arrived at EDR: 03/14/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 50

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/14/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Quarterly

#### **HAULERS: Registered Waste Tire Haulers Listing**

A listing of registered waste tire haulers.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2017  
Date Data Arrived at EDR: 05/31/2017  
Date Made Active in Reports: 08/15/2017  
Number of Days to Update: 76

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 08/10/2017  
Next Scheduled EDR Contact: 11/27/2017  
Data Release Frequency: Varies

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 08/01/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/24/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 08/10/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/09/2017  
Date Data Arrived at EDR: 03/08/2017  
Date Made Active in Reports: 06/09/2017  
Number of Days to Update: 93

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: No Update Planned

### HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/23/2009  
Next Scheduled EDR Contact: 05/25/2009  
Data Release Frequency: No Update Planned

## SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/31/2017  
Date Data Arrived at EDR: 08/01/2017  
Date Made Active in Reports: 08/15/2017  
Number of Days to Update: 14

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 08/01/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: Quarterly

## CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 03/17/2017  
Date Made Active in Reports: 05/10/2017  
Number of Days to Update: 54

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 08/14/2017  
Next Scheduled EDR Contact: 10/23/2017  
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: 02/09/2017  
Date Data Arrived at EDR: 03/08/2017  
Date Made Active in Reports: 06/09/2017  
Number of Days to Update: 93

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/31/2017  
Next Scheduled EDR Contact: 09/11/2017  
Data Release Frequency: Quarterly

## **Local Lists of Registered Storage Tanks**

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/09/2017  
Date Data Arrived at EDR: 03/17/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 67

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 08/24/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Annually

## HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **Local Land Records**

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/02/2017  
Date Data Arrived at EDR: 06/06/2017  
Date Made Active in Reports: 08/22/2017  
Number of Days to Update: 77

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 06/02/2017  
Next Scheduled EDR Contact: 09/18/2017  
Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 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: 07/26/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

### DEED: Deed Restriction Listing

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/05/2017	Source: DTSC and SWRCB
Date Data Arrived at EDR: 06/06/2017	Telephone: 916-323-3400
Date Made Active in Reports: 08/10/2017	Last EDR Contact: 06/06/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Semi-Annually

### **Records of Emergency Release Reports**

#### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/28/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 06/28/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 10/09/2017
	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: 12/06/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/25/2017	Telephone: 916-845-8400
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 07/26/2017
Number of Days to Update: 105	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

#### LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/12/2017	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 08/18/2017	Last EDR Contact: 06/14/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Quarterly

#### MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/12/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 08/22/2017	Last EDR Contact: 06/14/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 08/11/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/09/2017
	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	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 02/24/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/12/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/23/2017
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/23/2017
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 11/27/2017  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/13/2017  
Date Data Arrived at EDR: 02/15/2017  
Date Made Active in Reports: 05/12/2017  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 08/11/2017  
Next Scheduled EDR Contact: 10/09/2017  
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: 08/07/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 06/21/2017  
Next Scheduled EDR Contact: 10/02/2017  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 11/24/2015  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 133

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/23/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/28/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 06/09/2017  
Next Scheduled EDR Contact: 09/18/2017  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2017  
Date Data Arrived at EDR: 02/09/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/24/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/08/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 04/10/2017
Number of Days to Update: 127	Next Scheduled EDR Contact: 07/24/2017
	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: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/23/2017
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 08/01/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/05/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/05/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/28/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/04/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2017	Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/12/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/16/2017
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 08/01/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/21/2017  
Next Scheduled EDR Contact: 10/09/2017  
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: 05/26/2017  
Next Scheduled EDR Contact: 09/04/2017  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 07/11/2017  
Next Scheduled EDR Contact: 10/23/2017  
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: 12/23/2016  
Date Data Arrived at EDR: 12/27/2016  
Date Made Active in Reports: 02/17/2017  
Number of Days to Update: 52

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 08/22/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 07/07/2017  
Next Scheduled EDR Contact: 10/16/2017  
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 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 08/11/2017  
Next Scheduled EDR Contact: 10/09/2017  
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: 08/11/2017  
Next Scheduled EDR Contact: 10/09/2017  
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: 02/08/2017  
Date Data Arrived at EDR: 02/28/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 38

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 05/31/2017  
Next Scheduled EDR Contact: 09/11/2017  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005  
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: 05/31/2017  
Next Scheduled EDR Contact: 09/11/2017  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
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: 06/02/2017  
Next Scheduled EDR Contact: 09/11/2017  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/14/2017  
Date Data Arrived at EDR: 03/17/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 21

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 06/09/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/04/2017  
Date Data Arrived at EDR: 04/07/2017  
Date Made Active in Reports: 05/12/2017  
Number of Days to Update: 35

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 06/07/2017  
Next Scheduled EDR Contact: 09/18/2017  
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: 08/24/2017  
Next Scheduled EDR Contact: 12/11/2017  
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: 07/17/2017  
Next Scheduled EDR Contact: 10/30/2017  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/19/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2017	Telephone: 202-564-2280
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 06/07/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 09/18/2017
	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: 02/22/2017	Source: EPA
Date Data Arrived at EDR: 02/22/2017	Telephone: 800-385-6164
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/28/2016	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 12/28/2016	Telephone: 916-323-3400
Date Made Active in Reports: 03/02/2017	Last EDR Contact: 06/28/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/09/2017
	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: 03/09/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 04/11/2017	Telephone: 916-327-4498
Date Made Active in Reports: 05/23/2017	Last EDR Contact: 07/13/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Annually

## EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017	Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 06/23/2017
Number of Days to Update: 147	Next Scheduled EDR Contact: 10/02/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 05/01/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/03/2017	Telephone: 916-445-9379
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 08/18/2017
Number of Days to Update: 104	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 06/05/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/09/2017	Telephone: 916-255-3628
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 07/21/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 10/30/2017
	Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/16/2017	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 05/19/2017	Telephone: 916-341-6066
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 08/10/2017
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/27/2017
	Data Release Frequency: Varies

## HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2015	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/12/2016	Telephone: 916-255-1136
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 07/12/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/23/2017
	Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/22/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/24/2017	Telephone: 877-786-9427
Date Made Active in Reports: 08/18/2017	Last EDR Contact: 08/22/2017
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/22/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/24/2017	Telephone: 916-323-3400
Date Made Active in Reports: 08/18/2017	Last EDR Contact: 08/22/2017
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/11/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/13/2017	Telephone: 916-440-7145
Date Made Active in Reports: 04/26/2017	Last EDR Contact: 07/12/2017
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/23/2017
	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	Source: Department of Conservation
Date Data Arrived at EDR: 09/14/2016	Telephone: 916-322-1080
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 06/14/2017
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Varies

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/25/2017	Source: Department of Public Health
Date Data Arrived at EDR: 06/06/2017	Telephone: 916-558-1784
Date Made Active in Reports: 08/23/2017	Last EDR Contact: 06/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/14/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/15/2016	Telephone: 916-445-9379
Date Made Active in Reports: 03/02/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 107	Next Scheduled EDR Contact: 11/27/2017
	Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/06/2016	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/06/2016	Telephone: 916-445-4038
Date Made Active in Reports: 03/03/2017	Last EDR Contact: 06/07/2017
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/13/2017  
Date Data Arrived at EDR: 03/14/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 50

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/14/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/16/2016  
Date Data Arrived at EDR: 12/22/2016  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 70

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 06/16/2017  
Next Scheduled EDR Contact: 10/02/2017  
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: 01/20/2017  
Date Data Arrived at EDR: 03/14/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 50

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 06/14/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015  
Date Data Arrived at EDR: 04/17/2015  
Date Made Active in Reports: 06/23/2015  
Number of Days to Update: 67

Source: RWQCB, Central Valley Region  
Telephone: 559-445-5577  
Last EDR Contact: 07/14/2017  
Next Scheduled EDR Contact: 10/23/2017  
Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Quarterly

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009  
Date Data Arrived at EDR: 07/21/2009  
Date Made Active in Reports: 08/03/2009  
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 06/27/2017  
Next Scheduled EDR Contact: 10/09/2017  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/10/2017  
Date Data Arrived at EDR: 04/11/2017  
Date Made Active in Reports: 05/12/2017  
Number of Days to Update: 31

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 07/07/2017  
Next Scheduled EDR Contact: 10/23/2017  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2017  
Date Data Arrived at EDR: 07/11/2017  
Date Made Active in Reports: 08/23/2017  
Number of Days to Update: 43

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 07/07/2017  
Next Scheduled EDR Contact: 04/24/2047  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 06/20/2017  
Date Data Arrived at EDR: 06/21/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 49

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 06/16/2017  
Next Scheduled EDR Contact: 09/18/2017  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 106

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 08/21/2017  
Next Scheduled EDR Contact: 10/23/2017  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 04/25/2017  
Date Data Arrived at EDR: 04/27/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 104

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 06/27/2017  
Next Scheduled EDR Contact: 10/09/2017  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA Facility List Cupa facility list.

Date of Government Version: 02/23/2017  
Date Data Arrived at EDR: 02/24/2017  
Date Made Active in Reports: 05/12/2017  
Number of Days to Update: 77

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
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: 05/26/2017  
Date Data Arrived at EDR: 05/30/2017  
Date Made Active in Reports: 07/27/2017  
Number of Days to Update: 58

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 07/31/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

### CUPA Facility List Cupa Facility list

Date of Government Version: 05/02/2017  
Date Data Arrived at EDR: 05/04/2017  
Date Made Active in Reports: 08/04/2017  
Number of Days to Update: 92

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 07/27/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA Facility List CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/19/2017  
Date Data Arrived at EDR: 06/20/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 50

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 07/31/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/30/2017  
Date Data Arrived at EDR: 07/05/2017  
Date Made Active in Reports: 08/04/2017  
Number of Days to Update: 30

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 06/29/2017  
Next Scheduled EDR Contact: 10/16/2017  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 12/02/2016  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 05/25/2017  
Number of Days to Update: 111

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 07/21/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## HUMBOLDT COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 03/20/2017  
Date Data Arrived at EDR: 03/21/2017  
Date Made Active in Reports: 05/17/2017  
Number of Days to Update: 57

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## IMPERIAL COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 04/24/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/04/2017  
Number of Days to Update: 101

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 07/21/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## INYO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017  
Date Data Arrived at EDR: 06/09/2017  
Date Made Active in Reports: 08/04/2017  
Number of Days to Update: 56

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 02/07/2017  
Date Data Arrived at EDR: 02/10/2017  
Date Made Active in Reports: 05/02/2017  
Number of Days to Update: 81

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/06/2017  
Date Data Arrived at EDR: 03/07/2017  
Date Made Active in Reports: 05/17/2017  
Number of Days to Update: 71

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 05/09/2017  
Date Data Arrived at EDR: 05/11/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 90

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 07/17/2017  
Next Scheduled EDR Contact: 10/30/2017  
Data Release Frequency: Varies

## LASSEN COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 01/13/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/04/2017  
Number of Days to Update: 101

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 07/21/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 06/16/2017  
Next Scheduled EDR Contact: 10/02/2017  
Data Release Frequency: No Update Planned

## HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/18/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/18/2017  
Number of Days to Update: 115

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 07/07/2017  
Next Scheduled EDR Contact: 10/23/2017  
Data Release Frequency: Semi-Annually

## List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/17/2017  
Date Data Arrived at EDR: 04/18/2017  
Date Made Active in Reports: 05/02/2017  
Number of Days to Update: 14

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/18/2017  
Next Scheduled EDR Contact: 10/30/2017  
Data Release Frequency: Varies

## City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016  
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: 07/13/2017  
Next Scheduled EDR Contact: 10/30/2017  
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: 07/17/2017  
Next Scheduled EDR Contact: 10/30/2017  
Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/17/2017  
Date Data Arrived at EDR: 01/18/2017  
Date Made Active in Reports: 05/10/2017  
Number of Days to Update: 112

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 07/13/2017  
Next Scheduled EDR Contact: 10/30/2017  
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: 03/09/2017  
Date Data Arrived at EDR: 03/10/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 54

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 07/21/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/10/2017  
Date Data Arrived at EDR: 01/13/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 110

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 07/07/2017  
Next Scheduled EDR Contact: 10/23/2017  
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: 06/01/2017  
Date Data Arrived at EDR: 06/02/2017  
Date Made Active in Reports: 08/04/2017  
Number of Days to Update: 63

Source: Madera County Environmental Health  
Telephone: 559-675-7823  
Last EDR Contact: 08/21/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 03/31/2017  
Date Data Arrived at EDR: 04/06/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 27

Source: Public Works Department Waste Management  
Telephone: 415-473-6647  
Last EDR Contact: 06/29/2017  
Next Scheduled EDR Contact: 10/16/2017  
Data Release Frequency: Semi-Annually

## MERCED COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 02/22/2017  
Date Data Arrived at EDR: 02/23/2017  
Date Made Active in Reports: 05/17/2017  
Number of Days to Update: 83

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## MONO COUNTY:

### CUPA Facility List

CUPA Facility List

Date of Government Version: 02/21/2017  
Date Data Arrived at EDR: 03/02/2017  
Date Made Active in Reports: 05/17/2017  
Number of Days to Update: 76

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 08/08/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Varies

## MONTEREY COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/22/2017  
Date Data Arrived at EDR: 06/23/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 47

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 08/21/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## NAPA COUNTY:

### Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 08/24/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 03/15/2017  
Date Data Arrived at EDR: 03/16/2017  
Date Made Active in Reports: 05/09/2017  
Number of Days to Update: 54

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 08/24/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 05/08/2017  
Date Data Arrived at EDR: 05/09/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 92

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 07/27/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/03/2017  
Date Data Arrived at EDR: 05/11/2017  
Date Made Active in Reports: 08/18/2017  
Number of Days to Update: 99

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/07/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 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: 08/07/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/06/2017  
Date Data Arrived at EDR: 02/07/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 85

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/09/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/02/2017  
Date Data Arrived at EDR: 06/06/2017  
Date Made Active in Reports: 08/22/2017  
Number of Days to Update: 77

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 06/02/2017  
Next Scheduled EDR Contact: 09/18/2017  
Data Release Frequency: Semi-Annually

## PLUMAS COUNTY:

### CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 06/19/2017  
Date Data Arrived at EDR: 07/05/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 35

Source: Plumas County Environmental Health  
Telephone: 530-283-6355  
Last EDR Contact: 07/21/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/18/2017  
Date Data Arrived at EDR: 04/20/2017  
Date Made Active in Reports: 04/21/2017  
Number of Days to Update: 1

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/19/2017  
Next Scheduled EDR Contact: 10/02/2017  
Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/19/2017  
Date Data Arrived at EDR: 01/25/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 98

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/19/2017  
Next Scheduled EDR Contact: 10/02/2017  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/06/2017  
Date Data Arrived at EDR: 04/04/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 127

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 07/06/2017  
Next Scheduled EDR Contact: 10/16/2017  
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: 05/03/2017  
Date Data Arrived at EDR: 07/06/2017  
Date Made Active in Reports: 08/22/2017  
Number of Days to Update: 47

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 07/06/2017  
Next Scheduled EDR Contact: 10/16/2017  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 11/30/2016  
Date Data Arrived at EDR: 02/09/2017  
Date Made Active in Reports: 05/25/2017  
Number of Days to Update: 105

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/09/2016  
Date Data Arrived at EDR: 12/13/2016  
Date Made Active in Reports: 03/03/2017  
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 08/07/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/05/2017  
Date Data Arrived at EDR: 06/07/2017  
Date Made Active in Reports: 08/15/2017  
Number of Days to Update: 69

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 06/07/2017  
Next Scheduled EDR Contact: 09/18/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015  
Date Data Arrived at EDR: 11/07/2015  
Date Made Active in Reports: 01/04/2016  
Number of Days to Update: 58

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 07/21/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 06/05/2017  
Next Scheduled EDR Contact: 09/18/2017  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 08/07/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 02/28/2017  
Date Data Arrived at EDR: 03/02/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 62

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 08/21/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/21/2017  
Date Data Arrived at EDR: 03/23/2017  
Date Made Active in Reports: 05/09/2017  
Number of Days to Update: 47

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 06/16/2017  
Next Scheduled EDR Contact: 10/02/2017  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/05/2017  
Date Data Arrived at EDR: 06/16/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 54

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/15/2017  
Date Data Arrived at EDR: 04/07/2017  
Date Made Active in Reports: 05/10/2017  
Number of Days to Update: 33

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/09/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Annually

## Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/22/2017  
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/09/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### Cupa Facility List

Cupa facility list

Date of Government Version: 02/22/2017  
Date Data Arrived at EDR: 02/23/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 89

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 08/07/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 08/24/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/04/2017  
Date Data Arrived at EDR: 05/08/2017  
Date Made Active in Reports: 07/27/2017  
Number of Days to Update: 80

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 80

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 08/21/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/20/2017  
Date Made Active in Reports: 08/22/2017  
Number of Days to Update: 63

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/09/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/15/2017  
Date Data Arrived at EDR: 03/17/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 47

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/09/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Cupa Facility List

Cupa Facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 06/27/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 43

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 06/21/2017  
Next Scheduled EDR Contact: 10/09/2017  
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: 07/05/2017  
Date Data Arrived at EDR: 07/06/2017  
Date Made Active in Reports: 08/22/2017  
Number of Days to Update: 47

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 06/21/2017  
Next Scheduled EDR Contact: 10/09/2017  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 05/10/2017  
Date Data Arrived at EDR: 05/16/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 85

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 07/17/2017  
Next Scheduled EDR Contact: 10/30/2017  
Data Release Frequency: Varies

## 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: 06/02/2017  
Next Scheduled EDR Contact: 09/18/2017  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA Facility List

Cupa facilities

Date of Government Version: 05/01/2017  
Date Data Arrived at EDR: 05/08/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 93

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 04/24/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 106

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 07/21/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## TULARE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa program facilities

Date of Government Version: 01/05/2017  
Date Data Arrived at EDR: 02/10/2017  
Date Made Active in Reports: 05/25/2017  
Number of Days to Update: 104

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Varies

## TUOLUMNE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 04/27/2017  
Date Data Arrived at EDR: 04/27/2017  
Date Made Active in Reports: 08/10/2017  
Number of Days to Update: 105

Source: Divison of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Varies

## VENTURA COUNTY:

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/27/2016  
Date Data Arrived at EDR: 01/27/2017  
Date Made Active in Reports: 05/10/2017  
Number of Days to Update: 103

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 07/24/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 06/29/2017  
Next Scheduled EDR Contact: 10/16/2017  
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: 08/10/2017  
Next Scheduled EDR Contact: 11/27/2017  
Data Release Frequency: Quarterly

### Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 89

Source: Ventura County Resource Management Agency  
Telephone: 805-654-2813  
Last EDR Contact: 07/24/2017  
Next Scheduled EDR Contact: 11/08/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2017	Source: Environmental Health Division
Date Data Arrived at EDR: 03/15/2017	Telephone: 805-654-2813
Date Made Active in Reports: 05/03/2017	Last EDR Contact: 08/24/2017
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/31/2017	Source: Yolo County Department of Health
Date Data Arrived at EDR: 04/06/2017	Telephone: 530-666-8646
Date Made Active in Reports: 05/03/2017	Last EDR Contact: 06/29/2017
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/16/2017
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 01/30/2017	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 01/31/2017	Telephone: 530-749-7523
Date Made Active in Reports: 05/23/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 112	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 08/18/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/27/2017
	Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 07/10/2017
Number of Days to Update: 107	Next Scheduled EDR Contact: 10/23/2017
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/30/2017  
Date Data Arrived at EDR: 02/01/2017  
Date Made Active in Reports: 02/13/2017  
Number of Days to Update: 12

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/13/2017  
Data Release Frequency: 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: 07/17/2017  
Next Scheduled EDR Contact: 10/30/2017  
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: 08/21/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 04/13/2017  
Date Made Active in Reports: 07/14/2017  
Number of Days to Update: 92

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/12/2017  
Next Scheduled EDR Contact: 09/25/2017  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

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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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

1631 W HACIENDA AVE  
1631 W HACIENDA AVE  
CAMPBELL, CA 95008

### **TARGET PROPERTY COORDINATES**

Latitude (North):	37.269108 - 37° 16' 8.79"
Longitude (West):	121.978847 - 121° 58' 43.85"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	590540.5
UTM Y (Meters):	4125010.8
Elevation:	242 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5640416 SAN JOSE WEST, 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).

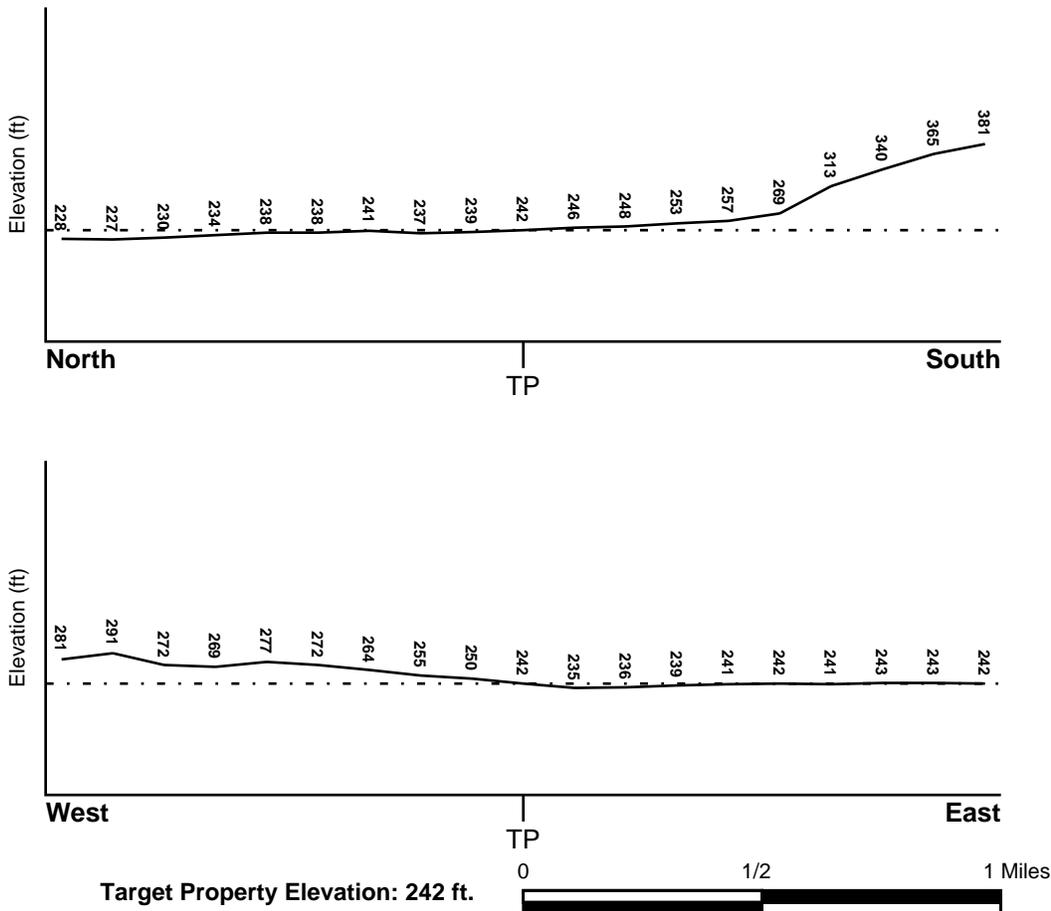
## TOPOGRAPHIC INFORMATION

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 ENE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06085C0238J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06085C0236H	FEMA FIRM Flood data
06085C0239H	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SAN JOSE 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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: BOTELLA

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	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 Soils.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty 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 Soils.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

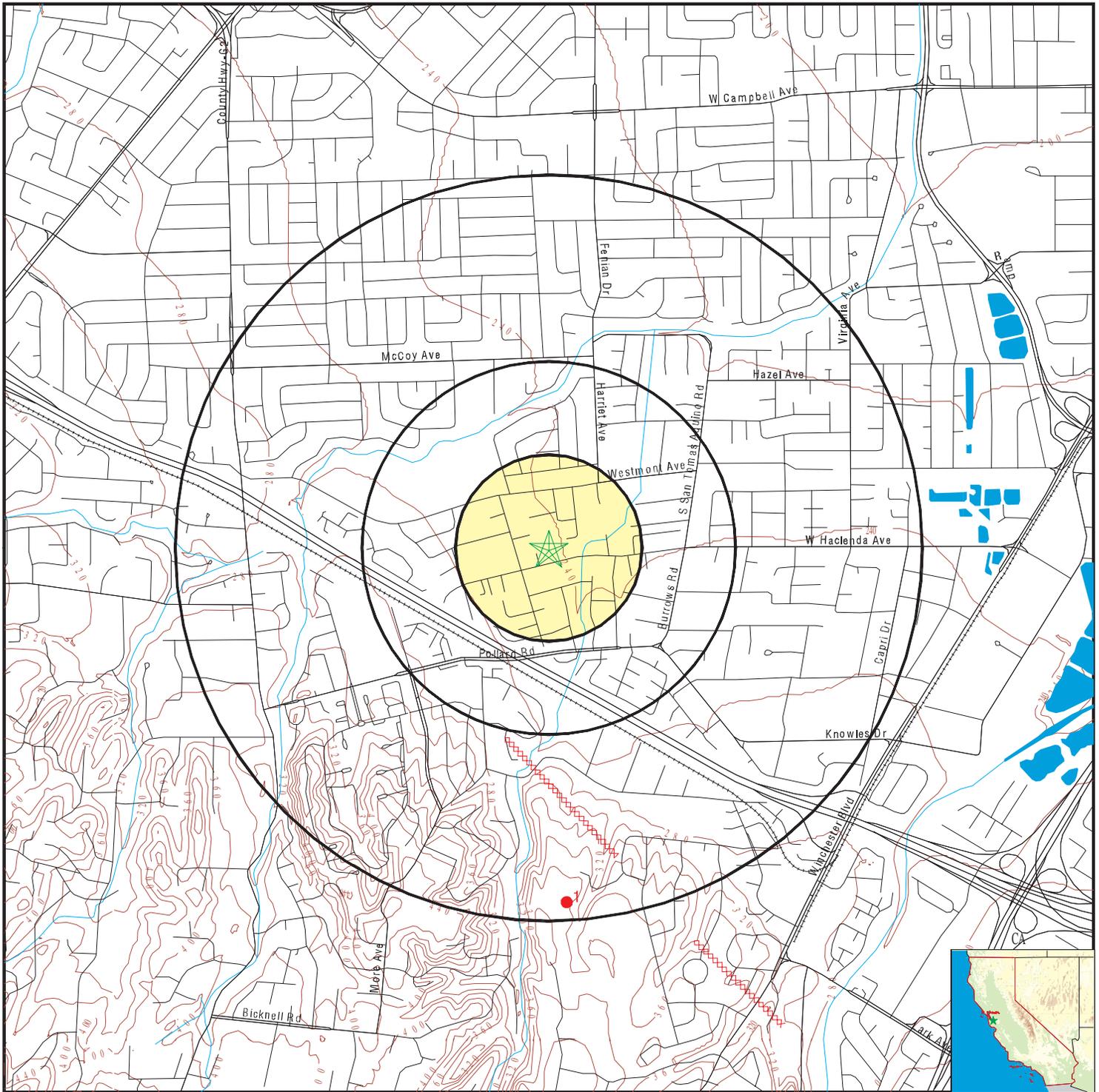
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## OTHER STATE DATABASE INFORMATION

## STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000254468	1/2 - 1 Mile South

# PHYSICAL SETTING SOURCE MAP - 5032819.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 1631 W Hacienda Ave  
 ADDRESS: 1631 W Hacienda Ave  
 Campbell CA 95008  
 LAT/LONG: 37.269108 / 121.978847

CLIENT: Roux Associates Inc  
 CONTACT: Gabe Matson  
 INQUIRY #: 5032819.2s  
 DATE: August 25, 2017 1:00 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**1**

**South**  
**1/2 - 1 Mile**

OIL\_GAS

CAOG11000254468

District nun:	3	Api number:	08500004
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Carl Crossen		
County name:	Santa Clara	Fieldname:	Any Field
Area name:	Any Area	Section:	9
Township:	08S	Range:	01W
Base meridian:	MD	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000254468		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95008	36	2

Federal EPA Radon Zone for SANTA CLARA County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 95008

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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Freedom of Information Law Letters and Responses

## Gabriel Matson

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**From:** Gabriel Matson  
**Sent:** Friday, August 25, 2017 7:01 AM  
**To:** "Melinda.Wong@waterboards.ca.gov"  
**Subject:** 1631 W Hacienda Ave Public Records Request

Hello Melinda,

I will be conducting a Phase I ESA and would like to request files for the following address: 1631 W Hacienda Ave, Campbell, CA.

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thanks,

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**

555 12th Street, Suite 1725 | Oakland, California 94607

Tel: [415-967-6000](tel:415-967-6000) | Direct: [415-967-6026](tel:415-967-6026) | Cell: [925-768-6067](tel:925-768-6067) | Fax: [415-967-6001](tel:415-967-6001)

Email: [gmatson@rouxinc.com](mailto:gmatson@rouxinc.com) | Website: [www.rouxinc.com](http://www.rouxinc.com)

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## Gabriel Matson

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**From:** Gabriel Matson  
**Sent:** Friday, August 25, 2017 7:00 AM  
**To:** 'BerkeleyFileRoom@dtsc.ca.gov'  
**Subject:** 1631 W Hacienda Ave Public Records Request

Hello,

I will be conducting a Phase I ESA and would like to request files for the following address: 1631 W Hacienda Ave, Campbell, CA.

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thanks,

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**

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**Matthew Rodriguez**  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

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Barbara A. Lee, Director  
700 Heinz Avenue  
Berkeley, California 94710-2721



**Edmund G. Brown Jr.**  
Governor

August 31, 2017

Gabe Matson  
Roux Associates, Inc.  
555 12<sup>th</sup> St., Ste. 1725  
Oakland, CA 94607

**PR2-082517-01**

**1631 W. Hacienda Ave., Campbell, CA**

Dear Mr. Matson:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control. After a thorough review of our files we have found that no such records exist at this office pertaining to the site/facility referenced above.

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: <http://www.envirostor.dtsc.ca.gov/public>. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, would like further information regarding your request or would like an appointment to visit Berkeley's Central Files, please contact me at (510)540-3800.

Sincerely,

**Carl Rose**

Regional Central Files Coordinator  
Tel: 510-540-3800 / Fax: 510-540-3801  
[Berkeleyfileroom@DTSC.CA.GOV](mailto:Berkeleyfileroom@DTSC.CA.GOV)

## Gabriel Matson

---

**From:** Gabriel Matson  
**Sent:** Friday, August 25, 2017 6:59 AM  
**To:** 'cityclerk@cityofcampbell.com'  
**Subject:** 1631 W Hacienda Ave Public Records Request

Hello,

I will be conducting a Phase I ESA and would like to request files for the following address: 1631 W Hacienda Ave, Campbell, CA.

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thanks,

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**

555 12th Street, Suite 1725 | Oakland, California 94607

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## Gabriel Matson

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**From:** Wendy Wood <wendyw@cityofcampbell.com>  
**Sent:** Tuesday, August 29, 2017 10:44 AM  
**To:** Gabriel Matson  
**Cc:** William Seligmann; Andrea Sanders  
**Subject:** RE: 1631 W Hacienda Ave Public Records Request

Dear Gabe Matson:

This e-mail is in response to your e-mail dated August 25, 2017, which was received by the City on that same date. Except as expressly noted below, it is the City's intent to cooperate with you in identifying any records that would be responsive to your request, and to expeditiously provide you with those records.

However, as you may be aware, under California Law, a request for documents must reasonably describe an identifiable record, and must be focused and specific. (See Cal. Govt. Code § 6253(b); *Rogers v. Superior Court*, 19 Cal.App.4th 469, 481.) Likewise, cities are not required to create a new record in response to a request. (See *Haynie v. Superior Court*, 26 Cal.4th 1061, 1075.) Your request for files for 1631 W. Hacienda Ave. is vague, in that it does not identify the type of records you are seeking. If you could please be more specific such as building permits or zoning permits, it would be very helpful. Nevertheless, the City will use its best efforts to identify all records that may be responsive to your requests.

Sincerely,



**Wendy Wood**  
**City Clerk**  
City of Campbell | City Clerk's Office  
70 N. First Street | Campbell, CA 95008  
[www.cityofcampbell.com](http://www.cityofcampbell.com) | 408.866.2116

---

**From:** Gabriel Matson [mailto:gmtatson@rouxinc.com]  
**Sent:** Friday, August 25, 2017 6:59 AM  
**To:** Web Distribution City Clerk  
**Subject:** 1631 W Hacienda Ave Public Records Request

Hello,

I will be conducting a Phase I ESA and would like to request files for the following address: 1631 W Hacienda Ave, Campbell, CA.

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thanks,

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**

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## Campbell Building Permits Online

[Home](#)
[Status](#)
[Parcel](#)
[Help](#)

### Parcel Information

The information below summarizes the parcel you selected.

<b>Parcel</b>	40313004
<b>Address</b>	1631HACIENDA AVE
<b>Owner</b>	REGALA SALLY C TRUSTEE

#### General Information

Land Classification:  
 Census Tract:  
 Census Block:  
 Year Built:  
 Land Value:  
 Value Improvements:  
 Sales Price:  
 Sales Date:

#### Cases Associated with this Parcel Record

Case Number:	Description:	Status:
BLD2006-00878	REMOVE 2 LAYERS, 34 SQS, NEW OSB AND COMPOSITION	FIN
COD2012-00105	Weeds	FIN

### What would you like to do next?

[Back to Search](#)
[Help](#)
[Top of Page](#)

- A **parcel** is a plot of land that is usually a subdivision of a larger area.
- To go back to a previous page, click the Back button on your browser.
- To switch to a different page, click the navigation button at the top of this page.



Version: 3.5.3.20051221.03

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To comment on this page, send email to [econnect@cityofcampbell.com](mailto:econnect@cityofcampbell.com)

## Gabriel Matson

---

**From:** Wendy Wood <wendyw@cityofcampbell.com>  
**Sent:** Thursday, September 07, 2017 1:24 PM  
**To:** Gabriel Matson  
**Cc:** William Seligmann; Andrea Sanders  
**Subject:** RE: 1631 W Hacienda Ave Public Records Request

Hello Gabriel,

The City does not have any of the referenced responsive documents for the property located at 1631 W. Hacienda Avenue.

Thank you,



**Wendy Wood**  
**City Clerk**  
City of Campbell | City Clerk's Office  
70 N. First Street | Campbell, CA 95008  
[www.cityofcampbell.com](http://www.cityofcampbell.com) | 408.866.2116

---

**From:** Gabriel Matson [mailto:gmtatson@rouxinc.com]  
**Sent:** Tuesday, August 29, 2017 10:48 AM  
**To:** Wendy Wood  
**Cc:** William Seligmann; Andrea Sanders  
**Subject:** RE: 1631 W Hacienda Ave Public Records Request

Hi Wendy,

Thank you for the response.

I would be happy to clarify what records we are interested in. We are looking for building permits, documents related to fire inspections or underground storage tanks at the facility, records related to the sewer (including any discharge permits and/or sewer connections).

Please let me know if there is any other way I can help clarify this request.

Thank you,  
Gabe

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**  
555 12th Street, Suite 1725 | Oakland, California 94607  
Tel: [415-967-6000](tel:415-967-6000) | Direct: [415-967-6026](tel:415-967-6026) | Cell: [925-768-6067](tel:925-768-6067) | Fax: [415-967-6001](tel:415-967-6001)  
Email: [gmtatson@rouxinc.com](mailto:gmtatson@rouxinc.com) | Website: [www.rouxinc.com](http://www.rouxinc.com)

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---

**From:** Wendy Wood [<mailto:wendyw@cityofcampbell.com>]  
**Sent:** Tuesday, August 29, 2017 10:44 AM  
**To:** Gabriel Matson <[gmatson@rouxinc.com](mailto:gmatson@rouxinc.com)>  
**Cc:** William Seligmann <[BILLS@cityofcampbell.com](mailto:BILLS@cityofcampbell.com)>; Andrea Sanders <[asanders@cityofcampbell.com](mailto:asanders@cityofcampbell.com)>  
**Subject:** RE: 1631 W Hacienda Ave Public Records Request

Dear Gabe Matson:

This e-mail is in response to your e-mail dated August 25, 2017, which was received by the City on that same date. Except as expressly noted below, it is the City's intent to cooperate with you in identifying any records that would be responsive to your request, and to expeditiously provide you with those records.

However, as you may be aware, under California Law, a request for documents must reasonably describe an identifiable record, and must be focused and specific. (See Cal. Govt. Code § 6253(b); *Rogers v. Superior Court*, 19 Cal.App.4th 469, 481.) Likewise, cities are not required to create a new record in response to a request. (See *Haynie v. Superior Court*, 26 Cal.4th 1061, 1075.) Your request for files for 1631 W. Hacienda Ave. is vague, in that it does not identify the type of records you are seeking. If you could please be more specific such as building permits or zoning permits, it would be very helpful. Nevertheless, the City will use its best efforts to identify all records that may be responsive to your requests.

Sincerely,



**Wendy Wood**  
**City Clerk**  
City of Campbell | City Clerk's Office  
70 N. First Street | Campbell, CA 95008  
[www.cityofcampbell.com](http://www.cityofcampbell.com) | 408.866.2116

---

**From:** Gabriel Matson [<mailto:gmatson@rouxinc.com>]  
**Sent:** Friday, August 25, 2017 6:59 AM  
**To:** Web Distribution City Clerk  
**Subject:** 1631 W Hacienda Ave Public Records Request

Hello,

I will be conducting a Phase I ESA and would like to request files for the following address: 1631 W Hacienda Ave, Campbell, CA.

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thanks,

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**

555 12th Street, Suite 1725 | Oakland, California 94607

Tel: [415-967-6000](tel:415-967-6000) | Direct: [415-967-6026](tel:415-967-6026) | Cell: [925-768-6067](tel:925-768-6067) | Fax: [415-967-6001](tel:415-967-6001)

Email: [gmatson@rouxinc.com](mailto:gmatson@rouxinc.com) | Website: [www.rouxinc.com](http://www.rouxinc.com)

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## Gabriel Matson

---

**From:** Gabriel Matson  
**Sent:** Friday, August 25, 2017 6:58 AM  
**To:** 'info@sccfd.org'  
**Subject:** 1631 W Hacienda Ave Public Records Request

Hello,

I will be conducting a Phase I ESA and would like to request files for the following address: 1631 W Hacienda Ave, Campbell, CA.

We are interested in all the files available from this property for the entire history of the address.

If you have any questions feel free to call me.

Thanks,

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**

555 12th Street, Suite 1725 | Oakland, California 94607

Tel: [415-967-6000](tel:415-967-6000) | Direct: [415-967-6026](tel:415-967-6026) | Cell: [925-768-6067](tel:925-768-6067) | Fax: [415-967-6001](tel:415-967-6001)

Email: [gmatson@rouxinc.com](mailto:gmatson@rouxinc.com) | Website: [www.rouxinc.com](http://www.rouxinc.com)

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## **Gabriel Matson**

---

**From:** prevention@sccfd.org  
**Sent:** Monday, August 28, 2017 11:45 AM  
**To:** Gabriel Matson  
**Subject:** Re: 1631 W Hacienda Ave Public Records Request

Hello Gabe,

Thank you for your email. Please visit our website at [www.sccfd.org](http://www.sccfd.org) and fill out our Public Records Request form under the Fire Prevention tab. Once we have received the completed form, we will be happy to contact you to schedule a file review.

If you have any questions, please feel free to contact our office.

Thank you,

### ***Nina Ellis***

Administrative Assistant I  
Fire Prevention Division  
**Santa Clara County Fire Department**  
14700 Winchester Blvd.  
Los Gatos, CA 95032-1818  
(408) 378-4010  
[www.sccfd.org](http://www.sccfd.org)

---

**From:** "Gabriel Matson" <[gmatson@rouxinc.com](mailto:gmatson@rouxinc.com)>  
**To:** [info@sccfd.org](mailto:info@sccfd.org)  
**Sent:** Friday, August 25, 2017 6:58:09 AM  
**Subject:** 1631 W Hacienda Ave Public Records Request

Hello,

I will be conducting a Phase I ESA and would like to request files for the following address: 1631 W Hacienda Ave, Campbell, CA.

We are interested in all the files available from this property for the entire history of the address. If you have any questions feel free to call me.

Thanks,

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**  
555 12th Street, Suite 1725 | Oakland, California 94607  
Tel: [415-967-6000](tel:415-967-6000) | Direct: [415-967-6026](tel:415-967-6026) | Cell: [925-768-6067](tel:925-768-6067) | Fax: [415-967-6001](tel:415-967-6001)  
Email: [gmatson@rouxinc.com](mailto:gmatson@rouxinc.com) | Website: [www.rouxinc.com](http://www.rouxinc.com)

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# FIRE DEPARTMENT SANTA CLARA COUNTY

14700 Winchester Blvd., Los Gatos, CA. 95032-1818  
(408) 378-4010 • (408) 378-9342 (fax) • www.sccfd.org



Internationally Accredited  
Agency

## APPLICATION FOR COPIES OF PUBLIC RECORDS

Read Instructions For Review Carefully

### COMPANY OR SITE FOR WHICH RECORDS ARE REQUESTED

Please Type or Print Legibly

BUSINESS NAME: N/A

STREET ADDRESS: 1631 W Hacienda Ave

CITY/ZIP: Campbell 95008

### INFORMATION REQUESTED BY:

NAME: Gabe Matson

BUSINESS NAME: Roux Associates, Inc.

STREET: 555 12th Street Suite 1725

CITY/ZIP: Oakland, CA, 94607

PHONE: 415-967-6026 FAX: 415-967-6001

### INFORMATION REQUESTED

---

I will be conducting a Phase I ESA and would like to request files for the following address: 1631 W Hacienda Ave, Campbell, CA.

---

We are interested in all the files available from this property for the entire history of the address.  
If you have any questions feel free to call me.

---

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Organized as the Santa Clara County Central Fire Protection District

*Serving Santa Clara County and the communities of Campbell, Cupertino, Los Altos,  
Los Altos Hills, Los Gatos, Monte Sereno, Morgan Hill, and Saratoga*

---

**INSTRUCTIONS FOR REVIEW OF FIRE DEPARTMENT RECORDS**

1. Applications for review of public records must be submitted on Santa Clara County Fire Department's standard application form.
2. The specific street address must be provided for the site. Additional sites must be submitted on separate application forms.
3. You will be contacted by telephone when files are available and a time will be scheduled for the files to be reviewed. Please allow 10 working days for files to be made available.
4. If the files are not reviewed on the date scheduled, and no contact is made to reschedule, the records will be returned to the files and a new application must be submitted.
5. Files must be reviewed in the designated area of the Bureau of Fire Prevention office.
6. No documents may be removed from the files. Contents of files may not be reorganized.
7. File reviews must be completed no later than 5:00 pm. You will be allowed to return at 8:00am the next work day to complete your review if necessary.
8. If extended time is required to review files, notify our office and the files will be kept available for your review for up to five working days.
9. Copying of documents is allowable with the exception of maps and drawings. A \$5.00 fee is charged for copying plus 10 cents per page printed. Fees must be paid by check or exact change only.

I have read and understand the above instructions.

\_\_\_\_\_  
SIGNATURE

8/30/2017  
\_\_\_\_\_  
DATE

(Form #1/95 Rev. 03/19/12)

On August 31, 2017 Lori of the Santa Clara County Fire Department informed Roux Associates via a phone call that no records were available for 1631 W Hacienda Ave, Campbell, CA

## Gabriel Matson

---

**From:** Gabriel Matson  
**Sent:** Friday, August 25, 2017 7:15 AM  
**To:** 'dehweb@cep.sccgov.org'  
**Subject:** 1631 W Hacienda Ave Public Records Request  
**Attachments:** 1631 W Campbell Ave County\_PRA\_Request\_Form.pdf

Hello,

Please find the attached public records request form.

Please let me know if you have any questions.

Thank you,  
Gabe

**Gabe Matson | Staff Geologist | Roux Associates, Inc.**  
555 12th Street, Suite 1725 | Oakland, California 94607  
Tel: [415-967-6000](tel:415-967-6000) | Direct: [415-967-6026](tel:415-967-6026) | Cell: [925-768-6067](tel:925-768-6067) | Fax: [415-967-6001](tel:415-967-6001)  
Email: [gmatson@rouxinc.com](mailto:gmatson@rouxinc.com) | Website: [www.rouxinc.com](http://www.rouxinc.com)

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**County of Santa Clara**  
**Consumer & Environmental Protection Agency**  
**Public Records Request Form**

**Please Print Legibly or Type:**

Name of Requestor:	
Agency/Company: (if applicable)	
Address of Requestor:	
Phone # of Requestor:	
Fax # of Requestor:	
Email of Requestor:	
Indicate the Best Way to Reach You:	

**Requested Documents - please be as specific as possible & be sure to include the address of the location being requested (including city) and the exact type of records you are looking for:**

Once the form is completed and printed, you can either email to [dehweb@cep.sccgov.org](mailto:dehweb@cep.sccgov.org) or fax to (408) 286-3280. **Please note: We have 10 business days to process the request in order of which it was received. We only process requests for records pertaining to Consumer & Environmental Protection Agency. If you are requesting records for other agencies/departments please contact those other agencies/departments. Thank you.**

FOR COUNTY USE ONLY:	
Date Received:	Initials:
Department Received:	Request #:
Date Submitted to Counsel:	

## Gabriel Matson

---

**From:** Pech, Somira <Somira.Pech@cep.sccgov.org>  
**Sent:** Tuesday, August 29, 2017 5:36 PM  
**To:** Gabriel Matson  
**Subject:** CPRA REQ082517B

Good afternoon Gabe,

Thank you for your recent record request received on 08/25/2017 for the following address in Campbell:

1631 W Hacienda Ave

We have no records for this location. Please contact Santa Clara County Fire Department.

However, additional electronic documents may be found on the following websites:

[Local Oversight Program \(LOP\)](#)

[GEOTracker \(GT\)](#)

[Cal EPA Site Portal](#)

[Spill Reports Website – California Office of Emergency Services \(Cal OES\):](#)

[https://w3.calema.ca.gov/operational/mal haz.nsf/\\$defaultview](https://w3.calema.ca.gov/operational/mal haz.nsf/$defaultview)

Please be advised that in some cities, other participating agencies may be responsible for maintaining the type of files you requested. This link may be of assistance in determining who will have the documents you are looking for in the future:

[UNIDOCs](#) – Who regulates what in Santa Clara County

Best regards,

*Somira Pech*

Department of Environmental Health  
1555 Berger Drive, Building 2, Suite 300  
San Jose, CA 95112

[www.ehinfo.org](http://www.ehinfo.org)

408-918-3423 Direct Line

408-280-6479 Fax

Email: [somira.pech@deh.sccgov.org](mailto:somira.pech@deh.sccgov.org)

**\*\* LAST business transaction/payment/submittal of the day will be processed at 4:45 pm. Transactions submitted after 4:45 pm will be processed the following business day.**

**“Learn from yesterday, live for today, hope for tomorrow.” By Albert Einstein**

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## **Gabriel Matson**

---

**From:** Rochelle Reed <publicrecords@baaqmd.gov>  
**Sent:** Tuesday, August 29, 2017 2:17 PM  
**To:** Gabriel Matson  
**Subject:** Public Records Request No. 2017-08-0206

Dear Gabriel Matson,

Thank you for your request. We have searched our records and have no records that respond to your below request for:

1631 W Hacienda Ave  
1631 W Hacienda Ave  
Campbell

If you have any questions or concerns, please call or e-mail me.

Sincerely,

Rochelle Reed  
Public Records Section  
BAAQMD  
415-749-4784



[Return to BAAQMD.gov](http://BAAQMD.gov)

## Public Records Portal

---

### Gabriel Matson

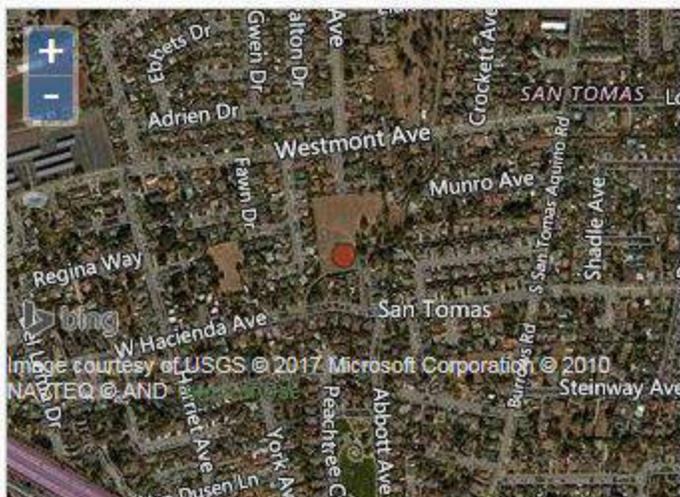
	Request #	Subject	Status	Received
<a href="#">Select</a>	2017-07-0020	Address Information - 6000 Shoreline Court, South San Francisco	Closed - Information Delivered	7/5/2017
<a href="#">Select</a>	<b>2017-08-0206</b>	<b>Facility Information-1631 W Hacienda Ave-1631 W Hacienda Ave-Campbell</b>	<b>Closed - No Records Found</b>	<b>8/25/2017</b>
<a href="#">Select</a>	2017-09-0153	Facility Information-715 Indian Ave, San Mateo, CA 94401-715 Indian Ave- San Mateo	No Status	9/14/2017

- [New Request](#)
- [Change Password](#)
- [Update Account](#)
- [Logout](#)

**Additional Information:**

Closed - No Records Found





**Alternate IDs**

Facilities Explorer ID: 251741

**Geopolitical Data**

County: Santa Clara County  
 CalEnviroScreen 2.0 Percentile Range: 26-30%

**Regulatory Programs**

**Leaking Underground Storage Tank Cleanup Site**

Environmental Interest Start Date: 4/25/1988 to 1/7/1991

Source System: GeoTracker  
 Source System ID: [T0608500431](#)

**Affiliates**

Filter By: All Regulatory Programs

**Regional Board Caseworker:** Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

**Address:** 1515 CLAY ST SUITE 1400, OAKLAND, CA

Contact Details

**Local Agency Caseworker:** UST CASE WORKER - SANTA CLARA COUNTY LOP

**Phone:** 4089183400  
**Address:** 1555 Berger Drive, Suite 300, SAN JOSE, CA

Contact Details

**Certified Sanborn Fire Insurance Maps**



1631 W Hacienda Ave

1631 W Hacienda Ave

Campbell, CA 95008

Inquiry Number: 5032819.3

August 25, 2017

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

08/25/17

**Site Name:**

1631 W Hacienda Ave  
1631 W Hacienda Ave  
Campbell, CA 95008  
EDR Inquiry # 5032819.3

**Client Name:**

Roux Associates Inc  
555 12th Street Suite 1725  
Oakland, CA 94607  
Contact: Gabe Matson



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Roux Associates Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** 1357-4038-BCC9  
**PO #** 2988.0001S000  
**Project** 1631 W Hacienda Ave

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 1357-4038-BCC9

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

### Limited Permission To Make Copies

Roux Associates Inc (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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Historical Aerial Photographs



1631 W Hacienda Ave  
1631 W Hacienda Ave  
Campbell, CA 95008

Inquiry Number: 5032819.9

August 25, 2017

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

08/25/17

**Site Name:**

1631 W Hacienda Ave  
1631 W Hacienda Ave  
Campbell, CA 95008  
EDR Inquiry # 5032819.9

**Client Name:**

Roux Associates Inc  
555 12th Street Suite 1725  
Oakland, CA 94607  
Contact: Gabe Matson



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:**

<b>Year</b>	<b>Scale</b>	<b>Details</b>	<b>Source</b>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: September 06, 1998	USDA
1993	1"=500'	Acquisition Date: June 14, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 23, 1963	USGS
1956	1"=500'	Flight Date: June 09, 1956	USDA
1950	1"=500'	Flight Date: April 01, 1950	USDA
1948	1"=500'	Flight Date: September 26, 1948	USDA
1939	1"=500'	Flight Date: July 31, 1939	USDA

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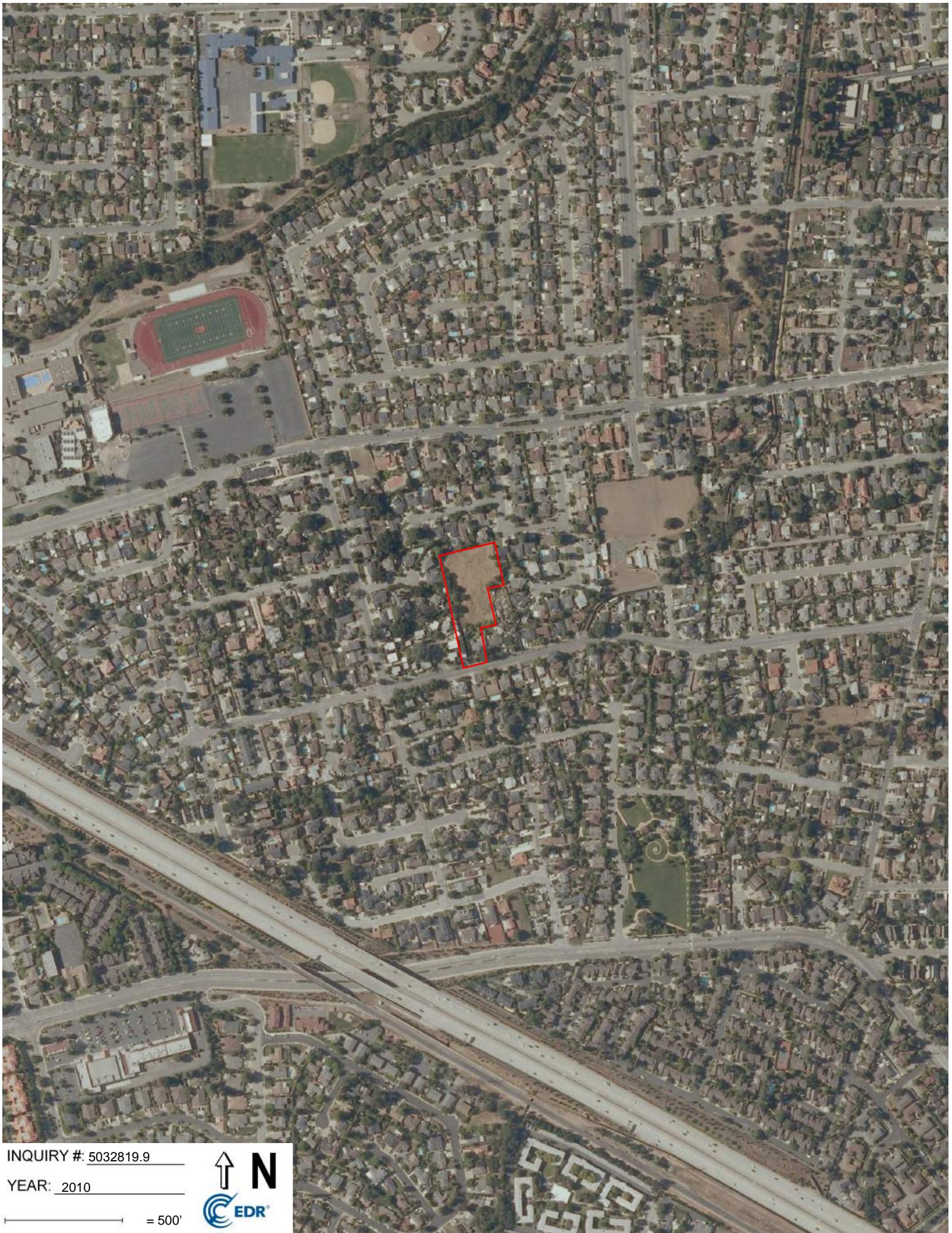


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YEAR: 2012

— = 500'





INQUIRY # 5032819.9

YEAR: 2010

— = 500'



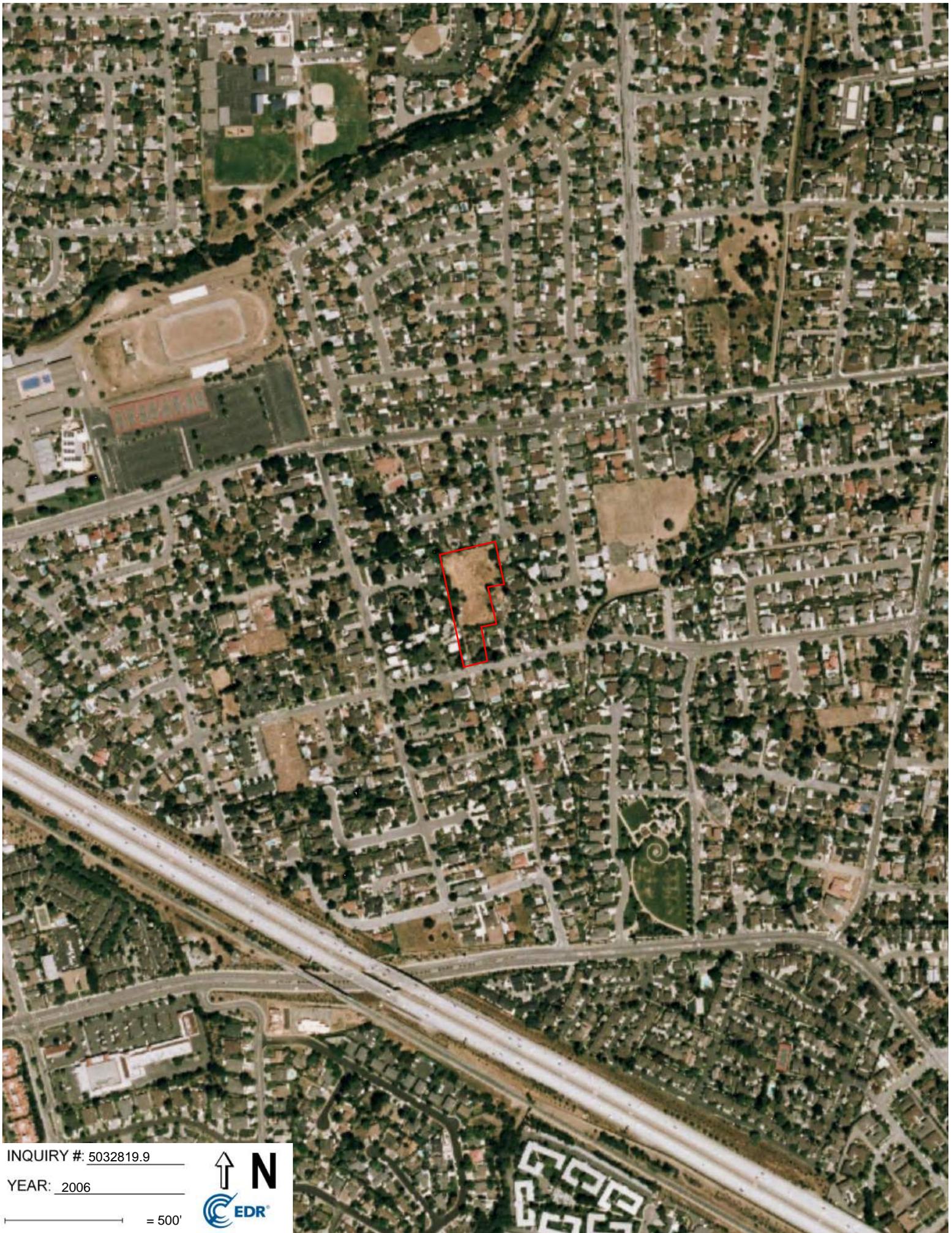


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YEAR: 2009

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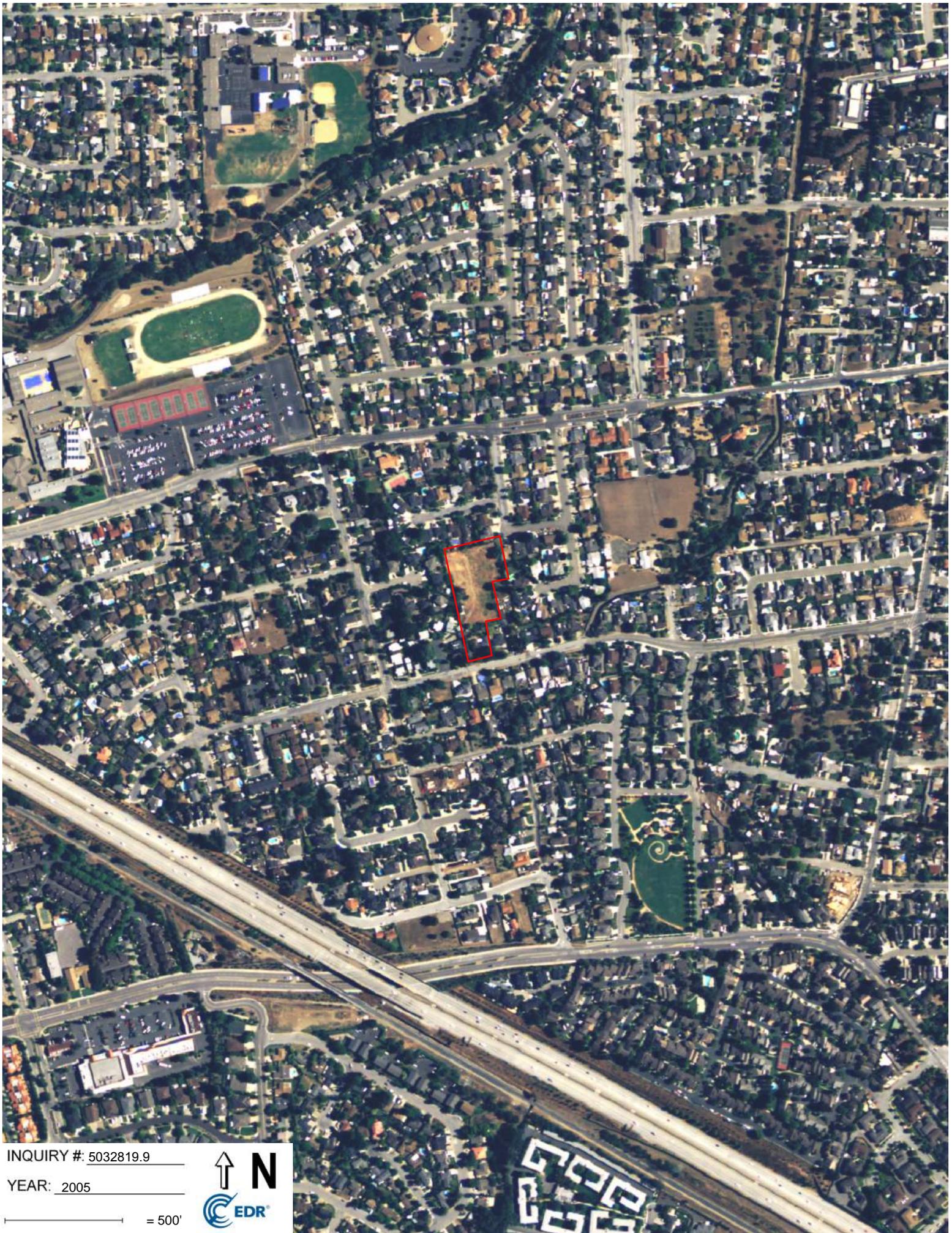


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YEAR: 2006

— = 500'





INQUIRY #: 5032819.9

YEAR: 2005

— = 500'





INQUIRY # 5032819.9

YEAR: 1998

— = 500'





INQUIRY # 5032819.9

YEAR: 1993

— = 500'





INQUIRY #: 5032819.9

YEAR: 1982

— = 500'





INQUIRY # 5032819.9

YEAR: 1974

— = 500'





INQUIRY #: 5032819.9

YEAR: 1968

— = 500'





INQUIRY # 5032819.9

YEAR: 1963

— = 500'





INQUIRY #: 5032819.9

YEAR: 1956

— = 500'





INQUIRY # 5032819.9

YEAR: 1950

— = 500'





INQUIRY # 5032819.9

YEAR: 1948

— = 500'





INQUIRY #: 5032819.9

YEAR: 1939

— = 500'



Historical Topographic Maps

1631 W Hacienda Ave

1631 W Hacienda Ave

Campbell, CA 95008

Inquiry Number: 5032819.4

August 25, 2017

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

08/25/17

**Site Name:**

1631 W Hacienda Ave  
1631 W Hacienda Ave  
Campbell, CA 95008  
EDR Inquiry # 5032819.4

**Client Name:**

Roux Associates Inc  
555 12th Street Suite 1725  
Oakland, CA 94607  
Contact: Gabe Matson



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Roux Associates Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	2988.0001S000	<b>Latitude:</b>	37.269108 37° 16' 9" North
<b>Project:</b>	1631 W Hacienda Ave	<b>Longitude:</b>	-121.978847 -121° 58' 44" West
		<b>UTM Zone:</b>	Zone 10 North
		<b>UTM X Meters:</b>	590538.27
		<b>UTM Y Meters:</b>	4125214.67
		<b>Elevation:</b>	242.00' above sea level

**Maps Provided:**

2012	1897
1980	1889
1973	
1968	
1961	
1953	
1948, 1953	
1899	

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2012 Source Sheets



San Jose West  
2012  
7.5-minute, 24000



Los Gatos  
2012  
7.5-minute, 24000



Castle Rock Ridge  
2012  
7.5-minute, 24000



Cupertino  
2012  
7.5-minute, 24000

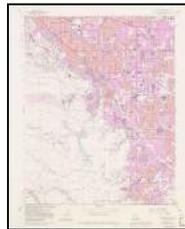
### 1980 Source Sheets



Los Gatos  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1978



San Jose West  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1979



Cupertino  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1979

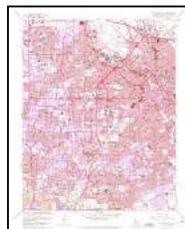
### 1973 Source Sheets



Los Gatos  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973



Castle Rock Ridge  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1968



San Jose West  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973



Cupertino  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973

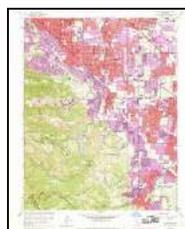
### 1968 Source Sheets



Los Gatos  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968



Castle Rock Ridge  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968



Cupertino  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968



San Jose West  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968

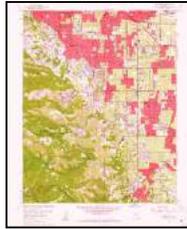
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1961 Source Sheets



San Jose West  
1961  
7.5-minute, 24000  
Aerial Photo Revised 1960

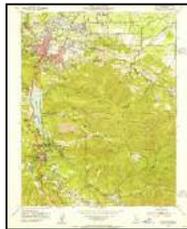


Cupertino  
1961  
7.5-minute, 24000  
Aerial Photo Revised 1960

### 1953 Source Sheets



Cupertino  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1948

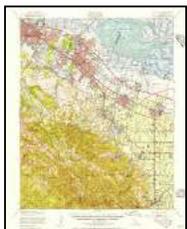


Los Gatos  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1948



San Jose West  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1948

### 1948, 1953 Source Sheets

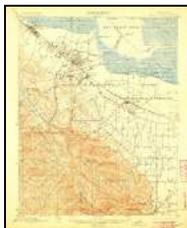


Palo Alto  
1948  
15-minute, 62500  
Aerial Photo Revised 1948



San Jose  
1953  
15-minute, 62500  
Aerial Photo Revised 1948

### 1899 Source Sheets



Palo Alto  
1899  
15-minute, 62500



San Jose  
1899  
15-minute, 62500

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1897 Source Sheets**



Palo Alto  
1897  
15-minute, 62500

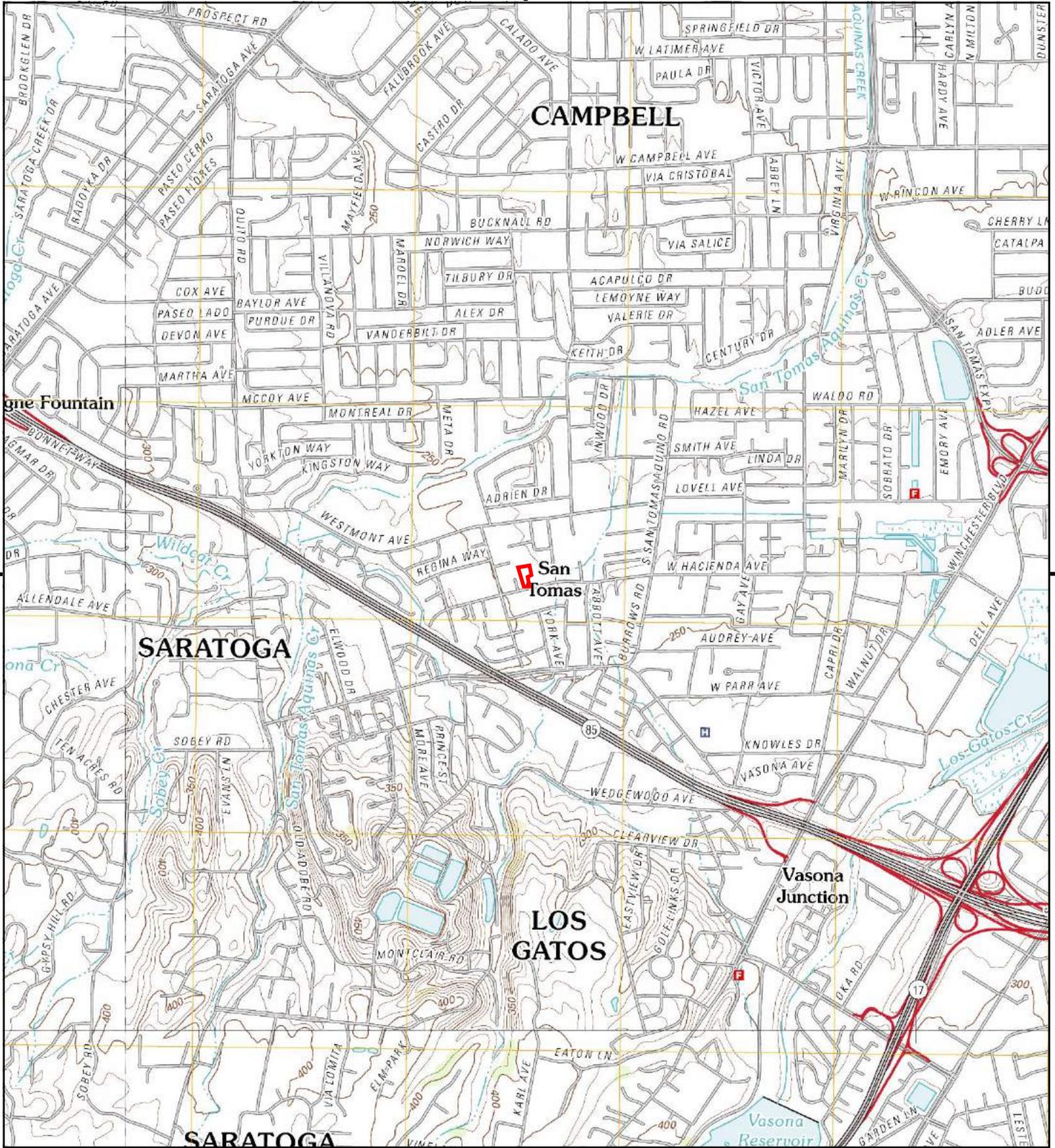


San Jose  
1897  
15-minute, 62500

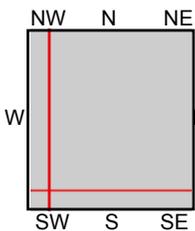
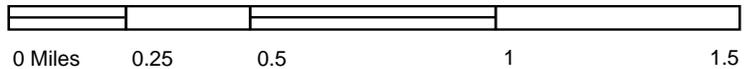
### **1889 Source Sheets**



San Jose  
1889  
15-minute, 62500



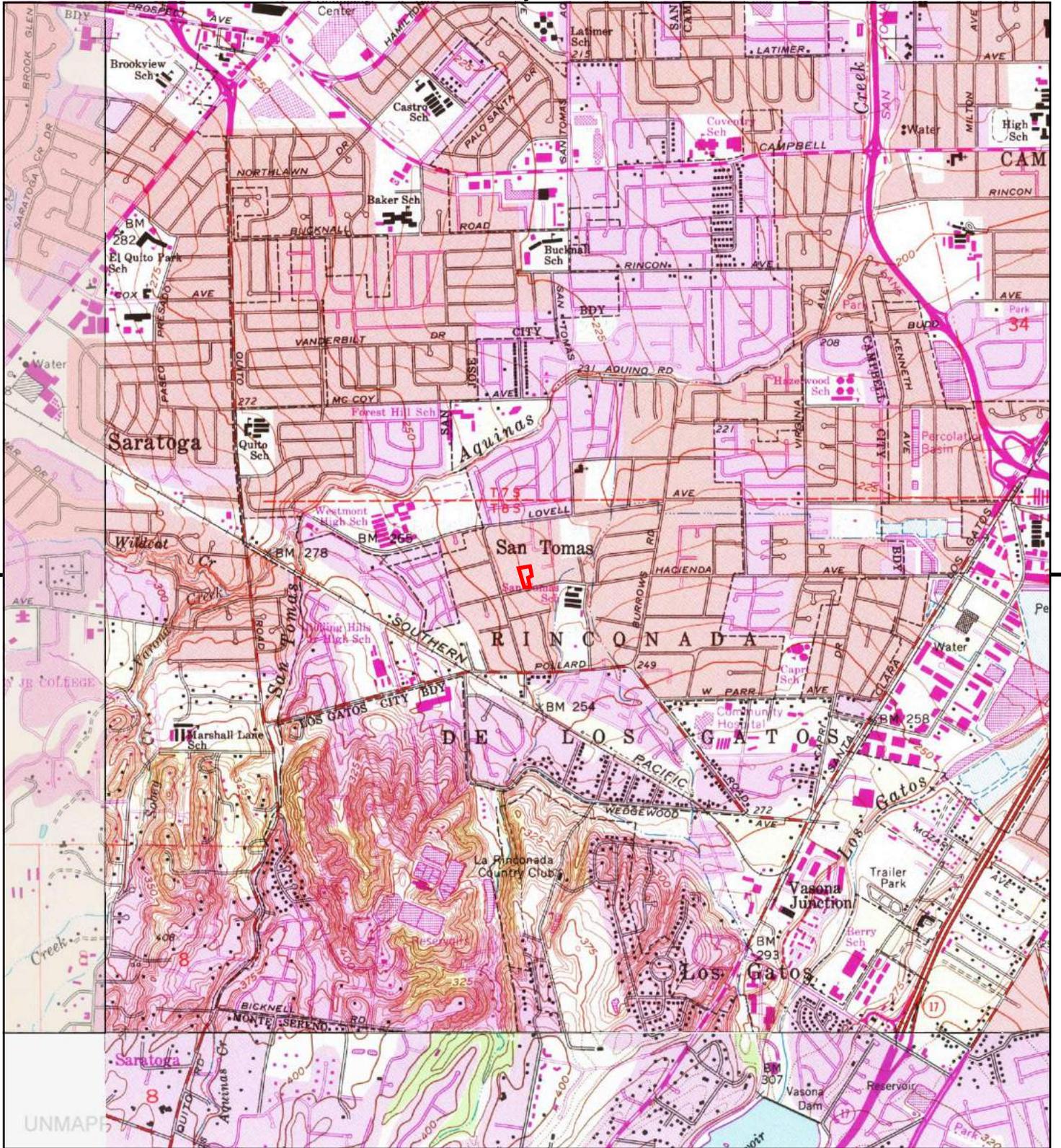
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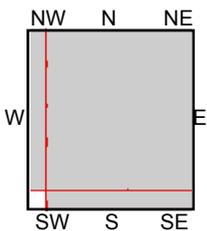
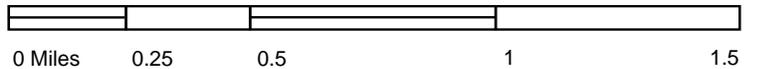
TP, San Jose West, 2012, 7.5-minute  
 S, Los Gatos, 2012, 7.5-minute  
 SW, Castle Rock Ridge, 2012, 7.5-minute  
 NW, Cupertino, 2012, 7.5-minute

**SITE NAME:** 1631 W Hacienda Ave  
**ADDRESS:** 1631 W Hacienda Ave  
 Campbell, CA 95008  
**CLIENT:** Roux Associates Inc





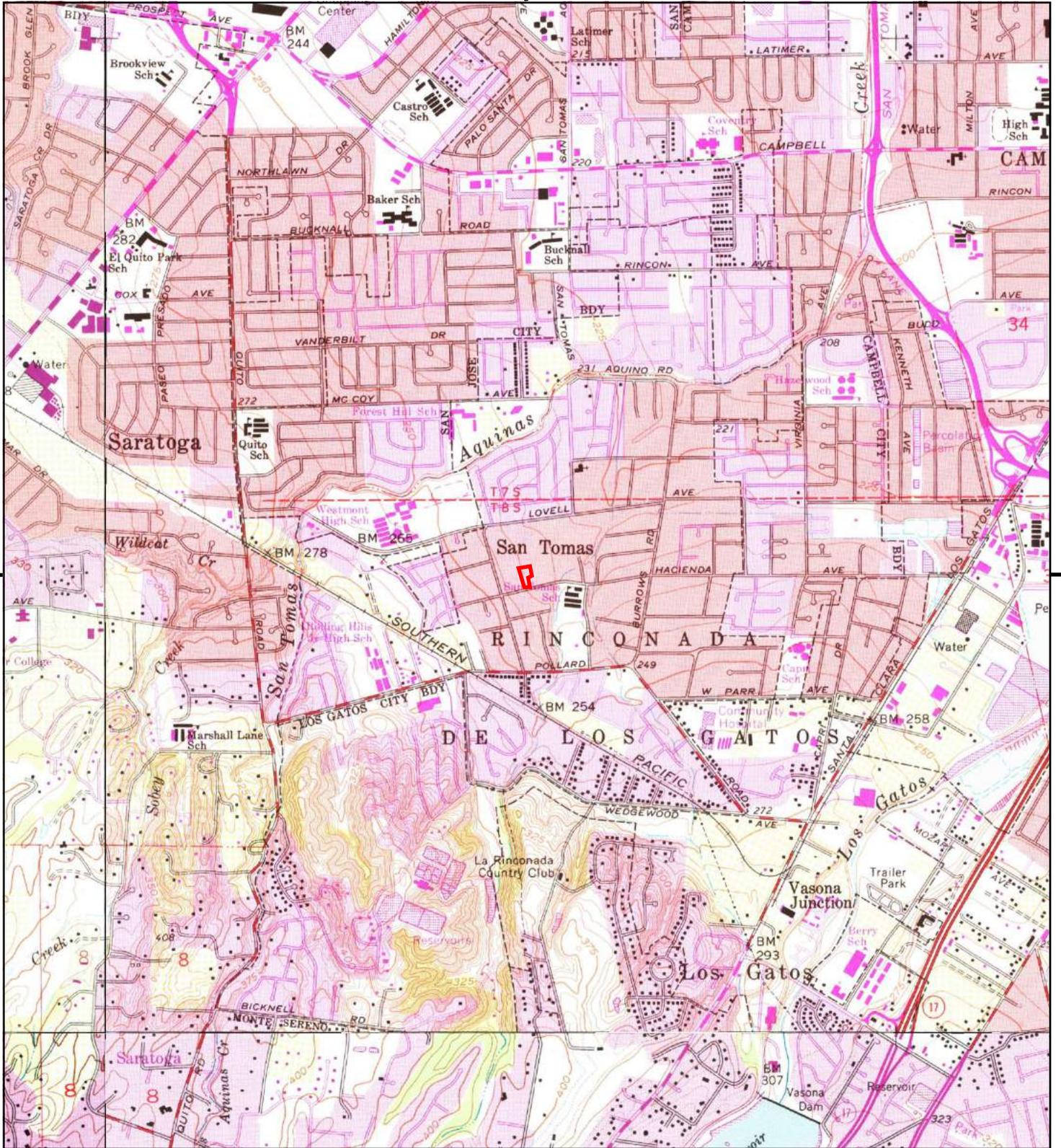
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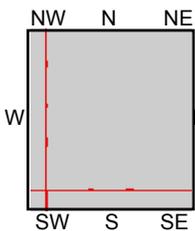
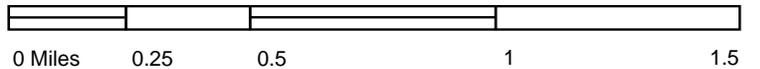
TP, San Jose West, 1980, 7.5-minute  
 S, Los Gatos, 1980, 7.5-minute  
 NW, Cupertino, 1980, 7.5-minute

SITE NAME: 1631 W Hacienda Ave  
 ADDRESS: 1631 W Hacienda Ave  
 Campbell, CA 95008  
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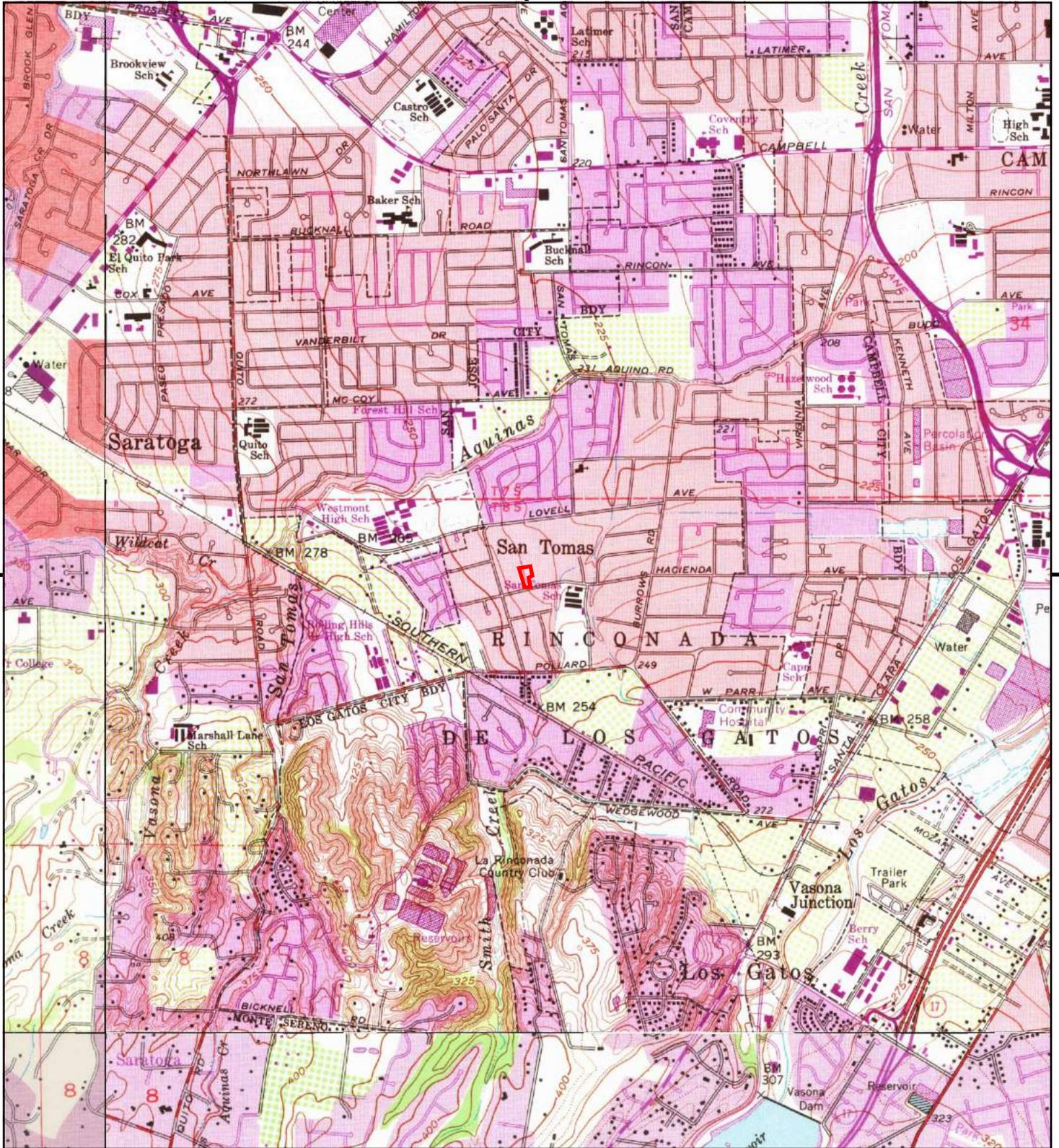
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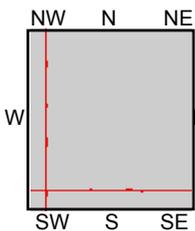
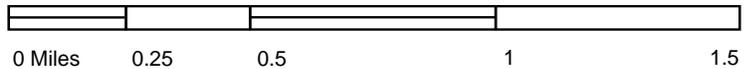
TP, San Jose West, 1973, 7.5-minute  
 S, Los Gatos, 1973, 7.5-minute  
 SW, Castle Rock Ridge, 1973, 7.5-minute  
 NW, Cupertino, 1973, 7.5-minute

SITE NAME: 1631 W Hacienda Ave  
 ADDRESS: 1631 W Hacienda Ave  
 Campbell, CA 95008  
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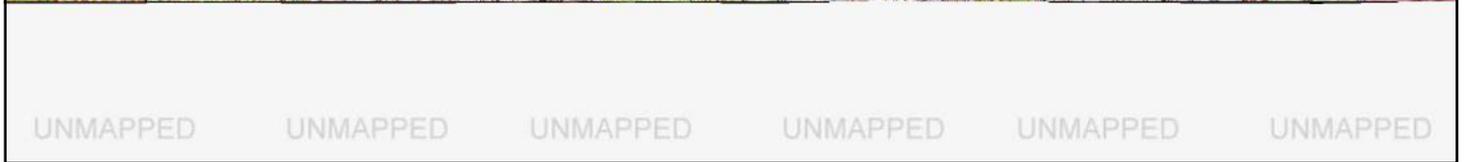
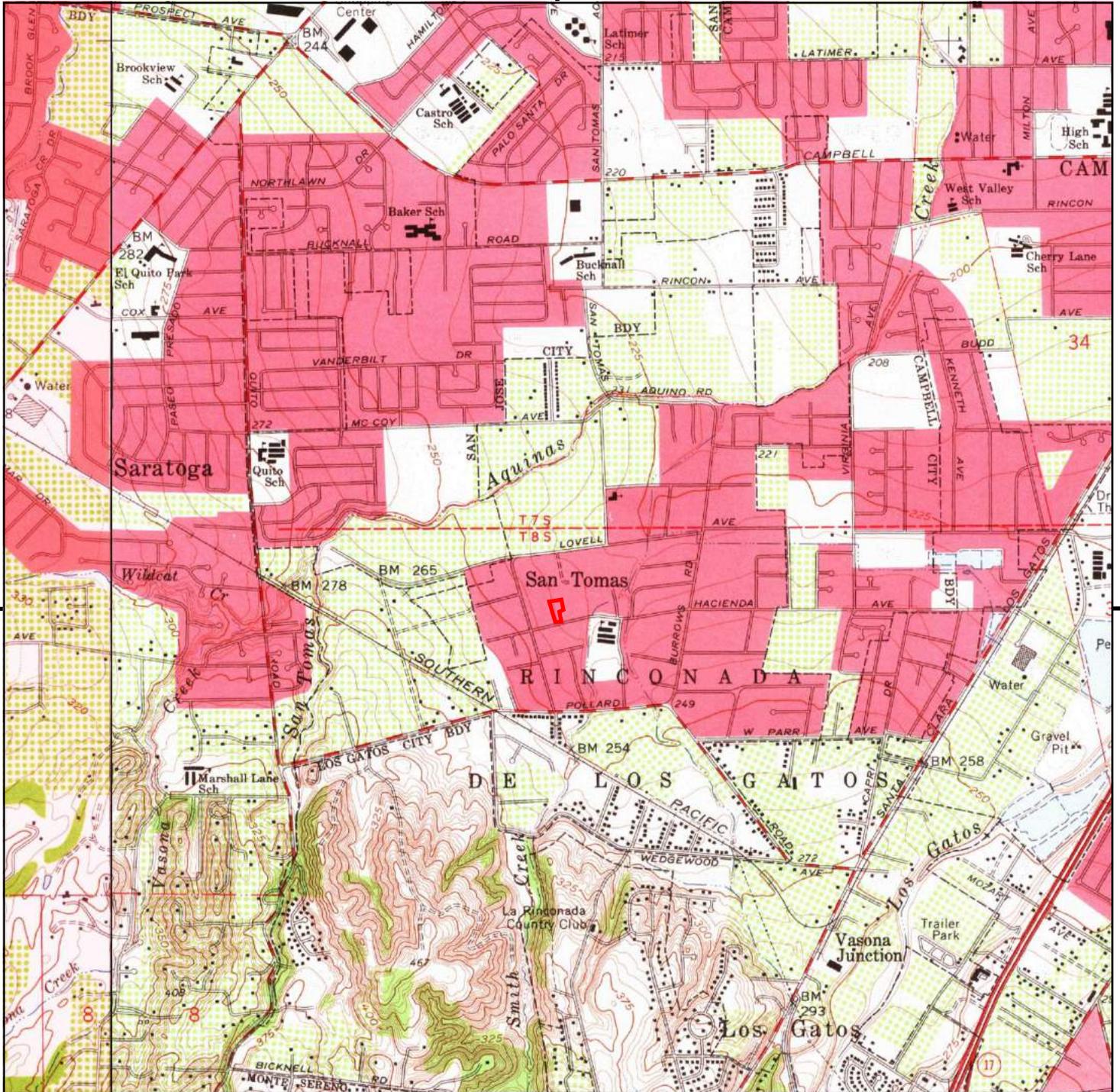
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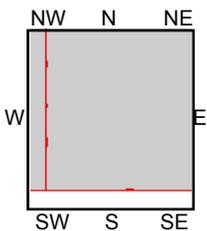
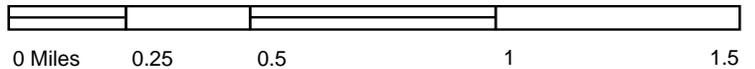
TP, San Jose West, 1968, 7.5-minute  
 S, Los Gatos, 1968, 7.5-minute  
 SW, Castle Rock Ridge, 1968, 7.5-minute  
 NW, Cupertino, 1968, 7.5-minute

SITE NAME: 1631 W Hacienda Ave  
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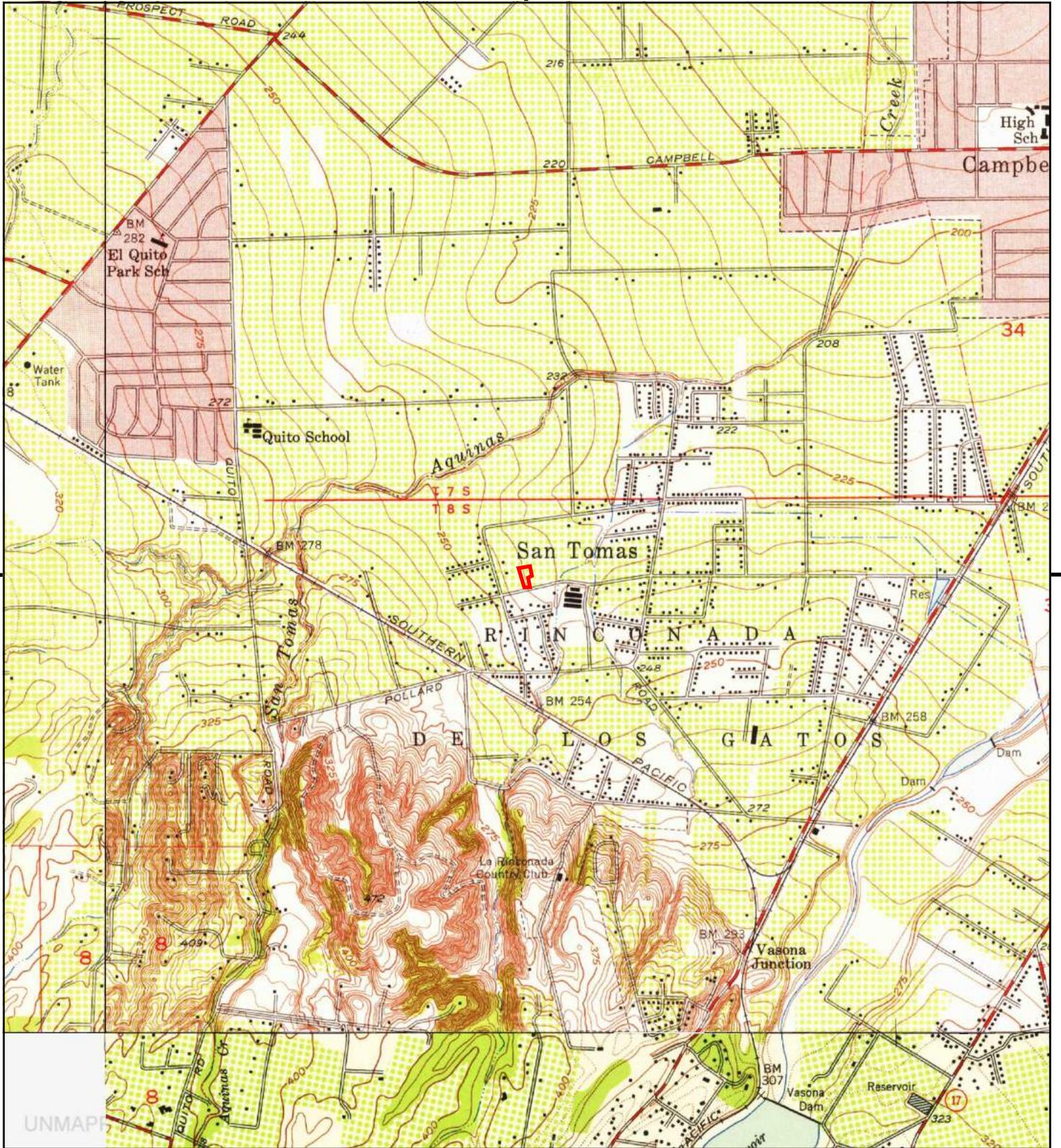
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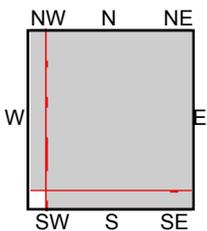
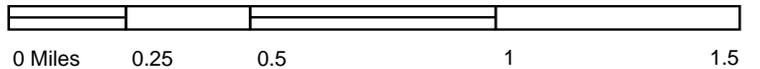
TP, San Jose West, 1961, 7.5-minute  
 NW, Cupertino, 1961, 7.5-minute

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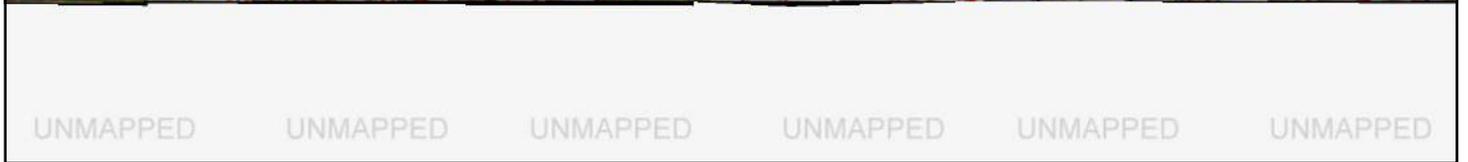
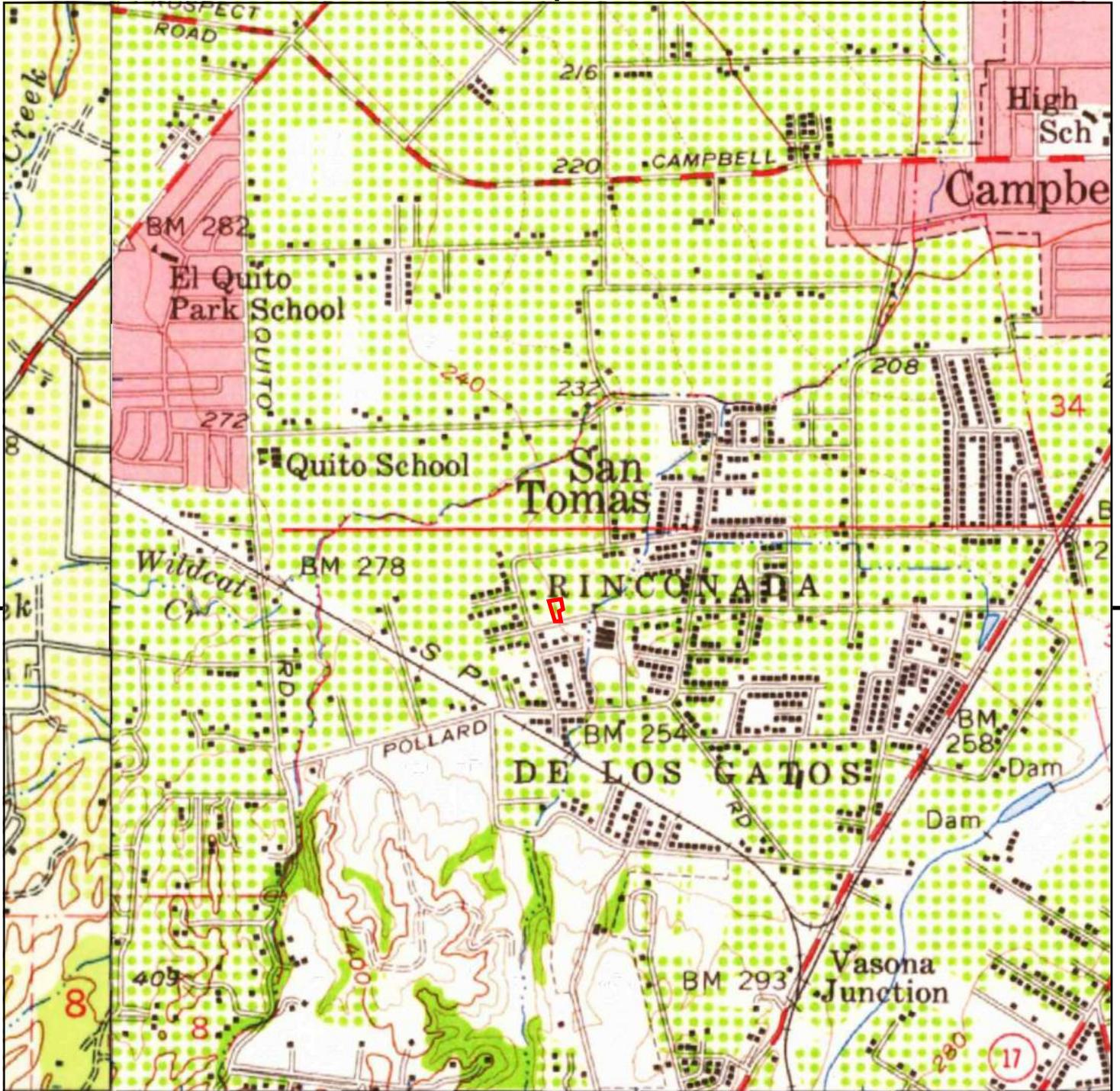
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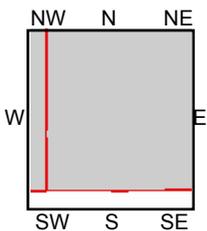
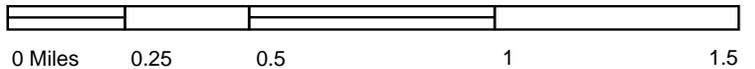
TP, San Jose West, 1953, 7.5-minute  
 S, Los Gatos, 1953, 7.5-minute  
 NW, Cupertino, 1953, 7.5-minute

**SITE NAME:** 1631 W Hacienda Ave  
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 Campbell, CA 95008  
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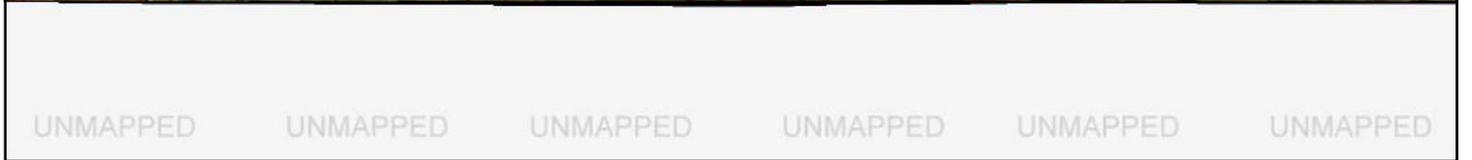
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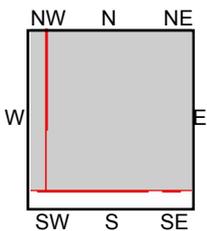
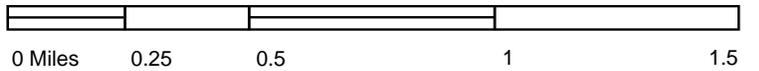
TP, San Jose, 1953, 15-minute  
 NW, Palo Alto, 1948, 15-minute

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 ADDRESS: 1631 W Hacienda Ave  
 Campbell, CA 95008  
 CLIENT: Roux Associates Inc





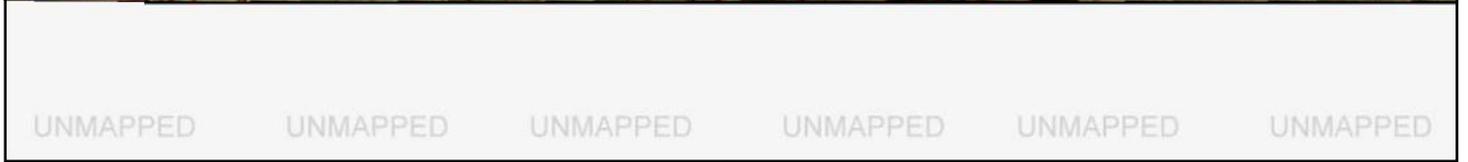
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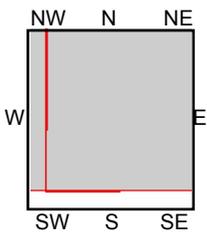
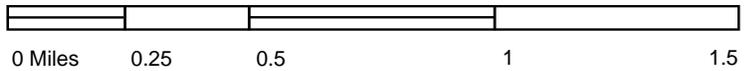
TP, San Jose, 1899, 15-minute  
 NW, Palo Alto, 1899, 15-minute

SITE NAME: 1631 W Hacienda Ave  
 ADDRESS: 1631 W Hacienda Ave  
 Campbell, CA 95008  
 CLIENT: Roux Associates Inc





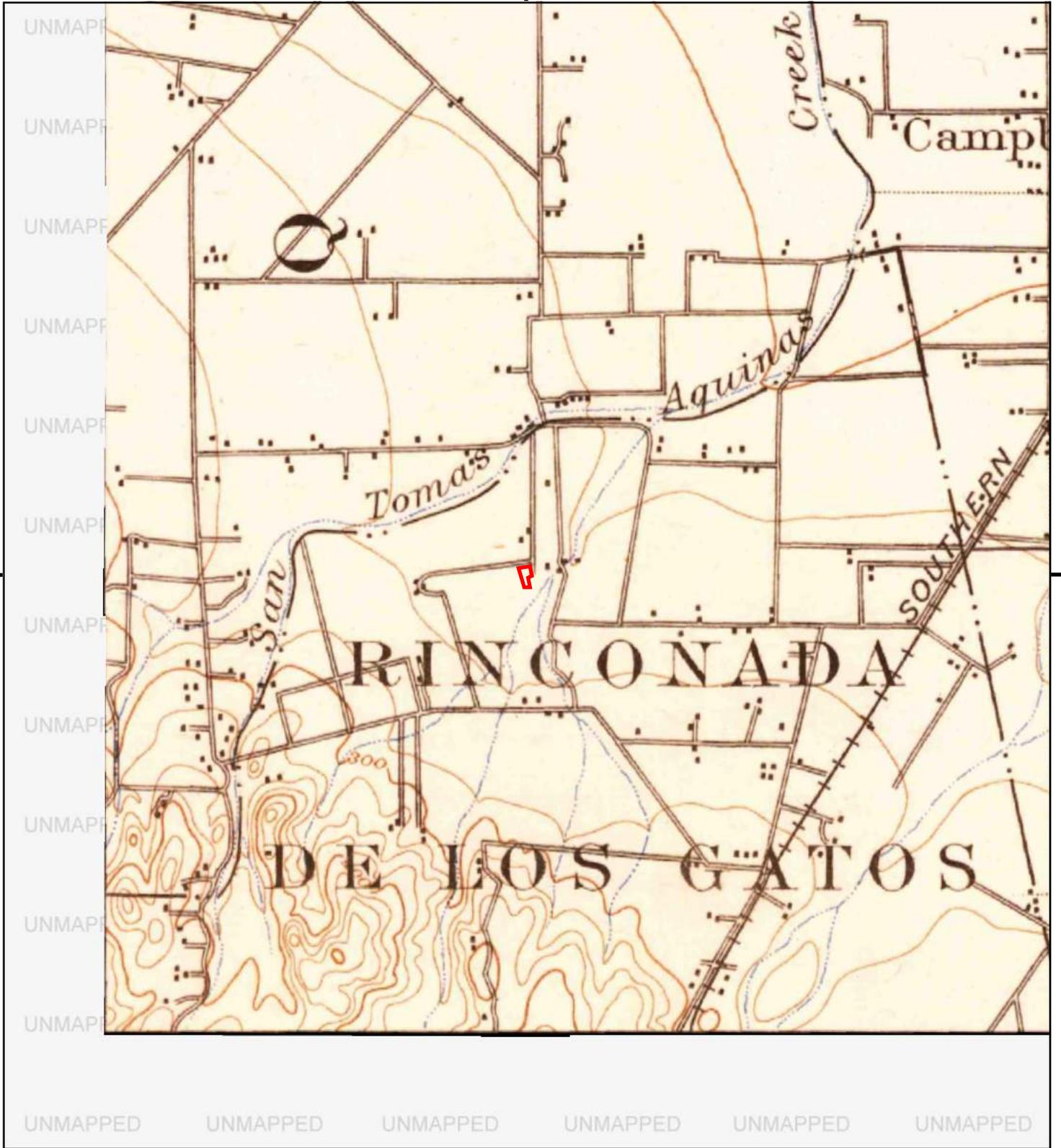
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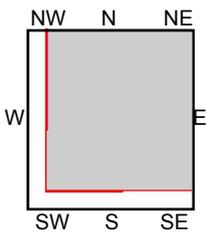
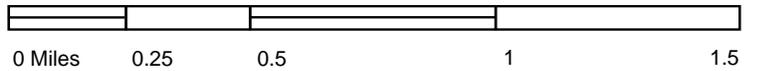
TP, San Jose, 1897, 15-minute  
 NW, Palo Alto, 1897, 15-minute

SITE NAME: 1631 W Hacienda Ave  
 ADDRESS: 1631 W Hacienda Ave  
 Campbell, CA 95008  
 CLIENT: Roux Associates Inc





This report includes information from the following map sheet(s).



TP, San Jose, 1889, 15-minute

SITE NAME: 1631 W Hacienda Ave  
 ADDRESS: 1631 W Hacienda Ave  
 Campbell, CA 95008  
 CLIENT: Roux Associates Inc



City Directory Abstract

**1631 W Hacienda Ave**

1631 W Hacienda Ave  
Campbell, CA 95008

Inquiry Number: 5032819.5  
August 25, 2017

# The EDR-City Directory Abstract

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### SECTION

Executive Summary

Findings

City Directory Images

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with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2006	Haines Company, Inc.	-	-	-	-
2001	Haines Company, Inc.	X	X	X	-
2000	Haines Company	-	-	-	-
1996	Pacific Bell	-	X	X	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
1982	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
1978	R. L. Polk & Co.	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1975	Pacific Telephone	-	X	X	-
1974	R. L. Polk Co.	-	X	X	-
1970	R. L. Polk & Co.	-	X	X	-
1968	R. L. Polk Co.	-	-	-	-
1966	R. L. POLK	-	-	-	-
1965	R. L. Polk Co.	-	-	-	-
1964	R. L. Polk & Co.	-	-	-	-
1963	Pacific Telephone	-	X	X	-
1962	R. L. Polk & Co.	-	-	-	-
1960	R. L. Polk Co.	-	X	X	-
1957	Pacific Telephone	-	X	X	-
	R. L. Polk Co.	-	X	X	-
1955	R. L. Polk & Co.	-	X	X	-
1950	R. L. Polk Co.	-	X	X	-
1946	R. L. Polk Co.	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1942	R.L. Polk	-	-	-	-
1940	R. L. Polk Co.	-	-	-	-
1936	R. L. Polk Co.	-	-	-	-
1935	R. L. Polk Co.	-	-	-	-
1931	R. L. Polk Co.	-	-	-	-
1930	R. L. Polk Co.	-	-	-	-
1926	R. L. Polk Co.	-	-	-	-
1925	R. L. Polk Co. of California	-	-	-	-
1922	R. L. Polk Co.	-	-	-	-

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

1631 W Hacienda Ave  
Campbell, CA 95008

### FINDINGS DETAIL

Target Property research detail.

## HACIENDA AVE W

### 1631 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	REGALAWilfred M	Haines Company, Inc.

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### Archer Ct

##### 1530 Archer Ct

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	TORNATTA YVEONNE C	EDR Digital Archive
2010	TORNATTA YVEONNE C	EDR Digital Archive

#### ARCHER CT

##### 1530 ARCHER CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	YASSASabry	Haines Company, Inc.
1986	Jones Raymond P	Pacific Bell
1985	JONES RAYMOND P	Pacific Bell
1975	JONES RAYMOND P	Pacific Telephone

##### 1540 ARCHER CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ORTBALIr nbert	Haines Company, Inc.
1996	Ortbal Herbert J	Pacific Bell
1991	Ortba Herbert J	PACIFIC BELL WHITE PAGES
	ORTBA HERBERT J	PACIFIC BELL WHITE PAGES
1986	Orthal Herbert J	Pacific Bell
1985	ORTBAL HERBERT J	Pacific Bell
1975	ORTBAL HERBERT J	Pacific Telephone

#### Archer Ct

##### 1550 Archer Ct

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PREMIER HOME FILTRATION	EDR Digital Archive

## FINDINGS

### ARCHER CT

#### 1550 ARCHER CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	HAMLIN Setsuko	Haines Company, Inc.

#### 1560 ARCHER CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BRYANTGerald	Haines Company, Inc.

#### 1565 ARCHER CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	LEWISODennis	Haines Company, Inc.

### Archer Ct

#### 1570 Archer Ct

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BOOTER PROPERTIES INC	EDR Digital Archive
	REALTY WORLD-INVESTMENTS	EDR Digital Archive
2010	REALTY WORLD-INVESTMENTS	EDR Digital Archive
	BOOTER PROPERTIES INC	EDR Digital Archive

### ARCHER CT

#### 1570 ARCHER CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BURKEGaiy	Haines Company, Inc.
1975	PETERSEN CHUCK	Pacific Telephone

#### 1575 ARCHER CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	NARENDavnd	Haines Company, Inc.
1986	Crook Brad & Yvonne	Pacific Bell

### ARCHER OR

#### 1530 ARCHER OR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Jones Raymond P R	R. L. Polk Co.

## FINDINGS

### 1540 ARCHER OR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Ortbal Herbert J	R. L. Polk Co.

### 1550 ARCHER OR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Tarmann Douglas A	R. L. Polk Co.

### 1560 ARCHER OR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	N Hoffmnan Edw A	R. L. Polk Co.

### 1565 ARCHER OR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Shaw John H	R. L. Polk Co.

### 1570 ARCHER OR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Petersen Chuck	R. L. Polk Co.

### 1575 ARCHER OR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	N Trivaldo Joseph	R. L. Polk Co.

### Archer Way

#### 1141 Archer Way

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SWANCOMM CONSULTING LLC	EDR Digital Archive
2010	SWANCOMM CONSULTING LLC	EDR Digital Archive

#### 1150 Archer Way

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	NUNN ERGONOMIC CONCEPTS	EDR Digital Archive
	CUBE SOLUTIONS	EDR Digital Archive

#### 1158 Archer Way

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CELTIC BUFFALO	EDR Digital Archive

## FINDINGS

### **ARCHER WAY**

#### **1158 ARCHER WAY**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	OMALLEY Kathleen	Haines Company, Inc.
1986	Springer Chris & Nancy	Pacific Bell
1985	SPRINGER CHRIS & NANCY	Pacific Bell
1974	Gasis Egils M	R. L. Polk Co.
1970	Gasis Egilis M	R. L. Polk & Co.

#### **1159 ARCHER WAY**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	HALLDENNY RACING	Haines Company, Inc.
1996	HALL DENNY RACING ENTERPRISE	Pacific Bell
1991	Peacock Jack W American General Life Insurance	PACIFIC BELL WHITE PAGES
	i Peacock John H	PACIFIC BELL WHITE PAGES
	Hall Denny Racing Enterprise	PACIFIC BELL WHITE PAGES
	HALL DENNY RACING ENTERPRISE	PACIFIC BELL WHITE PAGES
1986	Best Real Estate	Pacific Bell
	Hall Denny Racing Enterprise	Pacific Bell
	Paul Ultrafine Filtration Inc	Pacific Bell
1985	BEST REAL ESTATE	Pacific Bell
	HALL DENNY RACING ENTERPRISE	Pacific Bell
1980	Hall Dennis S	Pacific Telephone
	Best Real Estate	Pacific Telephone
1975	MILES DONALD	Pacific Telephone
1974	Miles Donald	R. L. Polk Co.
1970	Miles Donald	R. L. Polk & Co.

#### **1166 ARCHER WAY**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	SHAW Leslie	Haines Company, Inc.
1996	Herberger Gerhard E	Pacific Bell
1991	HERBERGER GERHARD E	PACIFIC BELL WHITE PAGES
	Herberger Gerhard E	PACIFIC BELL WHITE PAGES
1986	Herberger Gerhard E	Pacific Bell
1985	HERBERGER GERHARD E	Pacific Bell
1980	Herberger Gerhard E	Pacific Telephone
1975	HERBERGER GERHARD E	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Herberger Gerhard E	R. L. Polk Co.
1970	Herbergeri Getrhaicd E	R. L. Polk & Co.

### 1167 ARCHER WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	HEYuanlong	Haines Company, Inc.
1986	Serendipity Coiffures	Pacific Bell
1985	SERENDIPITY COIFFURES	Pacific Bell
1980	Serendipity Coiffures	Pacific Telephone
1974	Anderson Steph D	R. L. Polk Co.
1970	Anderson Stepli D	R. L. Polk & Co.

### 1174 ARCHER WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	KURTZJu lius	Haines Company, Inc.
1996	Kurtz Julius	Pacific Bell
1991	KURTZ MAT	PACIFIC BELL WHITE PAGES
	KURTZ JULIUS	PACIFIC BELL WHITE PAGES
	Kurtz Mat	PACIFIC BELL WHITE PAGES
	Kurtz Julius	PACIFIC BELL WHITE PAGES
1986	Kurtz Julius	Pacific Bell
1985	KURTZ JULIUS	Pacific Bell
1980	Kurtz Julius	Pacific Telephone
1975	KURTZ JULIUS	Pacific Telephone
1974	Kurtz Julius M	R. L. Polk Co.
1970	Kurtz Julius M	R. L. Polk & Co.

### 1175 ARCHER WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	PFEYZIAoad	Haines Company, Inc.
1974	Anaya Richd R	R. L. Polk Co.
1970	Anaya Richd R	R. L. Polk & Co.

### 1182 ARCHER WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	GILLETTEPhyl In	Haines Company, Inc.
1974	ONelis Robt P	R. L. Polk Co.
1970	Omelis Robt P	R. L. Polk & Co.

## FINDINGS

### **Archer Way**

#### **1190 Archer Way**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	WILLIAM SOLEY	EDR Digital Archive

### **ARCHER WAY**

#### **1190 ARCHER WAY**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	SOLEY William	Haines Company, Inc.
1991	ioley Wm R & Rebecca	PACIFIC BELL WHITE PAGES
	SOLECTRON	PACIFIC BELL WHITE PAGES
	S OLE CTRON	PACIFIC BELL WHITE PAGES
1986	Soley Wm R & Rebecca	Pacific Bell
1985	SOLEY WM R & REBECCA	Pacific Bell
1980	Harrison Joel N	Pacific Telephone
1974	Shook Harley	R. L. Polk Co.
1970	Backland Irving F	R. L. Polk & Co.

#### **1198 ARCHER WAY**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1975	SHOOK HARLEY E	Pacific Telephone

### **ARCHERII CT**

#### **1530 ARCHERII CT**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1970	Silva Jack	R. L. Polk & Co.

#### **1540 ARCHERII CT**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1970	Ortbhal Hlerbert J	R. L. Polk & Co.

#### **1550 ARCHERII CT**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1970	Tairimani Douglas A	R. L. Polk & Co.

#### **1555 ARCHERII CT**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1970	Vacant	R. L. Polk & Co.

## FINDINGS

### 1560 ARCHERII CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Ritscli Darryl L	R. L. Polk & Co.

### 1565 ARCHERII CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Shlaw Joihn	R. L. Polk & Co.

### 1575 ARCHERII CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Smith IDennis L	R. L. Polk & Co.

### BETH WAY

#### 1580 BETH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	HERRERACarlo	Haines Company, Inc.
1985	SMITH T	Pacific Bell
1980	Bradley Wendell	Pacific Telephone
1974	Cocilova Robt J	R. L. Polk Co.
1970	Cocilova Robt J	R. L. Polk & Co.

#### 1592 BETH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OSHIJun YANGXiaoyan	Haines Company, Inc.
1996	Park Hee Jin	Pacific Bell
1986	Ansok Scott	Pacific Bell
1985	ANSOK SCOTT	Pacific Bell
1980	Jeanes John R	Pacific Telephone
	Hedgas Thomas S	Pacific Telephone
	Balaban Hal D	Pacific Telephone
1975	JASSMAN LA	Pacific Telephone
1974	Jassman Leslie Mrs C	R. L. Polk Co.
1970	Jassman Lee	R. L. Polk & Co.

#### 1620 BETH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Lee Joo Yun	Pacific Bell
1985	LEE JOO YUN	Pacific Bell
1980	Lee Joo Yun	Pacific Telephone
1975	MC LEMORE JAS M	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Hooper Don L	R. L. Polk Co.
1970	Hooper Don	R. L. Polk & Co.

### Fawn Ct

#### 1631 Fawn Ct

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JOHNSON MARVIN L	EDR Digital Archive
2010	JOHNSON MARVIN L	EDR Digital Archive

### FAWN CT

#### 1654 FAWN CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	PERRY Mark	Haines Company, Inc.
1991	Rice Ralph O	PACIFIC BELL WHITE PAGES
1986	Mello Robert	Pacific Bell
	Malto Robert A	Pacific Bell
1985	MELLO ROBERT A	Pacific Bell
1975	MELLO ROBERT A	Pacific Telephone
1974	Mello Robt A	R. L. Polk Co.
1970	Me Ullo Robt A	R. L. Polk & Co.

#### 1662 FAWN CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	DAVISON ROBT A	PACIFIC BELL WHITE PAGES
	Davison Robt A	PACIFIC BELL WHITE PAGES
1986	Davison Robt A	Pacific Bell
1985	DAVISON ROBT A	Pacific Bell
1974	Deinert Jeff	R. L. Polk Co.
1970	Deinart Jeff	R. L. Polk & Co.

#### 1663 FAWN CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DUSHINEBurrs	Haines Company, Inc.
1991	WELTON JOHNNY W	PACIFIC BELL WHITE PAGES
	Welton Johnny W	PACIFIC BELL WHITE PAGES
1986	Welton Johnny W	Pacific Bell
1985	WELTON JOHNNY W	Pacific Bell
1980	Welton Johnny W	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	WELTON JOHNNY W	Pacific Telephone
1974	Welton Johnny W	R. L. Polk Co.
1970	Wilton Johnny W	R. L. Polk & Co.

### 1674 FAWN CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Daly Brian & Judy	Pacific Bell
1985	DALY BRIAN & JUDY	Pacific Bell
1975	GREEN JAMES	Pacific Telephone
1974	Green James A	R. L. Polk Co.
1970	Green James A	R. L. Polk & Co.

### 1675 FAWN CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MOHERWm PJr	Haines Company, Inc.
1996	Moher Wm P Jr	Pacific Bell
1991	MOHER WM PJR	PACIFIC BELL WHITE PAGES
	Moher Wm PJr	PACIFIC BELL WHITE PAGES
1986	Moher Wm P Jr	Pacific Bell
1980	Abate Richard	Pacific Telephone
	Abate Richard	Pacific Telephone
1974	No Return	R. L. Polk Co.
1970	Huber Henry A Jr	R. L. Polk & Co.

### 1681 FAWN CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	CROALLMarcia	Haines Company, Inc.
1974	Croall Donald V	R. L. Polk Co.
1970	Croall Donald V	R. L. Polk & Co.

### Fawn Ct

#### 1682 Fawn Ct

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SIMPSON DOUGLAS A	EDR Digital Archive
2010	SIMPSON DOUGLAS A	EDR Digital Archive

## FINDINGS

### FAWN CT

#### 1682 FAWN CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	0 SIMPSON Douglas BUCHER Frank	Haines Company, Inc. Haines Company, Inc.
1991	Simson Douglas A SIMSON DOUGLAS A	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1980	Simpson Douglas A	Pacific Telephone
1975	BECKER HANS A	Pacific Telephone
1974	Becker Hans A	R. L. Polk Co.
1970	Becker Hanu A	R. L. Polk & Co.

#### 1685 FAWN CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BKAHLBNWerner	Haines Company, Inc.
1996	Kahlen Werner	Pacific Bell
1991	KAHLEN WEMER Kahlen Wemer	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Kahlen Werner	Pacific Bell
1985	KAHLEN WERNER	Pacific Bell
1980	Kahlen Werner	Pacific Telephone
1975	KAHLEN WERNER	Pacific Telephone
1974	Kahlen Werner	R. L. Polk Co.
1970	Va cant	R. L. Polk & Co.

### FAWN DR

#### 1160 FAWN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MENOEZR	Haines Company, Inc.

### HACIENDA AVE

#### 1501 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Mac Tavish Scott o	Pacific Bell
1975	BUTERA RON L SO	Pacific Telephone

## FINDINGS

### 1505 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Hiodan Peter	R. L. Polk Co.

### 1510 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	CAMBRIAN CLEANERS	PACIFIC BELL WHITE PAGES
	CAMPBELL CHILD DEVELOPMENT CENTER	PACIFIC BELL WHITE PAGES
	S B CATERING	PACIFIC BELL WHITE PAGES
	CAMBRIAN CLEANERS	PACIFIC BELL WHITE PAGES
	i	PACIFIC BELL WHITE PAGES
	CAMPBELL CHILD DEVELOPMENT CENTER	PACIFIC BELL WHITE PAGES
	S B Catering	PACIFIC BELL WHITE PAGES
1986	Cambrian Community School	Pacific Bell
	Campbell Child Development Center	Pacific Bell
	QUITO LIQUORS KELLEYS	Pacific Bell
	I Quito Little League	Pacific Bell
	S J B Catering	Pacific Bell
1985	ADVENTURES IN LEARNING	Pacific Bell
	CAMPBELL CHILD DEVELOPMENT CENTER	Pacific Bell
	SAN TOMAS NEIGHBORHOOD CENTER	Pacific Bell
	S J B CATERING	Pacific Bell
1980	QUITO LITTLE LEAGUE	Pacific Bell
	Quito Little League	Pacific Telephone
1975	QUITO LITTLE LEAGUE	Pacific Telephone
	SAN TOMAS SCHOOL-ELEMENTARY	Pacific Telephone

### 1515 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HILL E W	Pacific Telephone
1974	Hill Everett W	R. L. Polk Co.
1963	Hill Norma	Pacific Telephone

### 1525 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Shimada Frank	Pacific Bell
1985	SHIMADA FRANK	Pacific Bell
1980	Shimada Frank	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	N Shimada Frank	R. L. Polk Co.

### 1545 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Topolski William	Pacific Bell
1974	N Dangel Clarence L	R. L. Polk Co.

### 1550 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Toyola Tadashi	Pacific Bell
1991	TOYOTA TADASHI	PACIFIC BELL WHITE PAGES
	Toyota Tadashi	PACIFIC BELL WHITE PAGES
1986	Toyota Tadashi	Pacific Bell
1985	TOYOTA TADASHI	Pacific Bell
1980	Toyota Tadashi	Pacific Telephone
1975	TOYOTA TADASHI	Pacific Telephone
1974	Toyota Tadashi	R. L. Polk Co.

### 1560 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SCHULER FIRE PROTECTION	Pacific Bell
1991	Schuler Fire Protection sprnkir	PACIFIC BELL WHITE PAGES
	SCHULER FIRE PROTECTION SPRNKIR	PACIFIC BELL WHITE PAGES
1986	Schuler Fire Protection sprnklr	Pacific Bell
1985	SCHULER FIRE PROTECTION SPRNKLR	Pacific Bell
1974	Balber Richd	R. L. Polk Co.

### 1565 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Fairbanks Jack	R. L. Polk Co.

### 1580 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	UYEHARA DAVID	Pacific Telephone
1974	Torres Pablo F	R. L. Polk Co.

### 1589 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	WARHOLA THEODORE & MACRINA	PACIFIC BELL WHITE PAGES
	Warhola Theodore & Macrina	PACIFIC BELL WHITE PAGES

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Warhola Theodore & Macrina	Pacific Bell
1985	WARHOLA THEODORE & MACRINA	Pacific Bell
1975	NAKATA KENT	Pacific Telephone
1974	Nakata Kent S	R. L. Polk Co.

### 1590 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Burd Richard	Pacific Bell
1991	Burd Richard	PACIFIC BELL WHITE PAGES
	BURD RICHARD	PACIFIC BELL WHITE PAGES
1974	Kerby Clarence L	R. L. Polk Co.

### 1593 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	TERRIL RICHARD L	Pacific Bell
1980	Ternil Richard L	Pacific Telephone
1975	BROWN GEO	Pacific Telephone
1974	Werrett Derek	R. L. Polk Co.

### 1600 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	San Tomas Elementary School	R. L. Polk Co.

### 1609 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Duarte Wm	R. L. Polk Co.

### 1612 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	La France David	R. L. Polk Co.

### 1614 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	BLAGG M R	Pacific Bell

### 1630 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Stahl Jas & Virginia	Pacific Telephone

## FINDINGS

### 1631 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Regala Wilfred M	Pacific Bell
1986	Regala Wilfred M	Pacific Bell
1985	REGALE WILFRED M	Pacific Bell
1980	Regala Wilfred M	Pacific Telephone
1975	R GALA WILFRED M	Pacific Telephone
1974	Regala Wilfred M	R. L. Polk Co.
1963	Regala Wilfred M	Pacific Telephone

### 1640 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	HOEWISCH DAVID	PACIFIC BELL WHITE PAGES
	KUNDINGER K	PACIFIC BELL WHITE PAGES
	Hoewisch David	PACIFIC BELL WHITE PAGES
	Kundinger K	PACIFIC BELL WHITE PAGES

### 1650 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Paim Richard	Pacific Bell
1985	PALM RICHARD	Pacific Bell
1980	Palm Sandra	Pacific Telephone
1974	N James Craig R	R. L. Polk Co.

### 1697 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Rosenthal L&C L	Pacific Bell
1986	Rosenthal L & C	Pacific Bell
1985	ROSENTHAL L & C	Pacific Bell
1980	Mc Auliffe Joseph & Kay	Pacific Telephone

### 1722 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Terslgni Joe	Pacific Bell

### 1735 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Suganuma Shigeml	Pacific Bell

## FINDINGS

### 1745 HACIENDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	WILSON STAN PLASTERING	Pacific Bell
	STAN WILSON PLASTERING	Pacific Bell
	DE PIETRO JUANITA	Pacific Bell
1974	Brown Robt E Jr	R. L. Polk Co.

### HACIENDA AVE W

#### 1500 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	e GOLANMark	Haines Company, Inc.

#### 1505 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	AMINALLROYAE	Haines Company, Inc.

#### 1506 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SWANSONDaniel S	Haines Company, Inc.

#### 1510 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines Company, Inc.

#### 1515 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	COLLIERZander	Haines Company, Inc.

#### 1525 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SHIMADASachnko	Haines Company, Inc.

#### 1545 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OTOPOLSKIWilliam	Haines Company, Inc.

#### 1550 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	0 HUGHSEven	Haines Company, Inc.

## FINDINGS

### 1560 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SCHULER FIRE PRTCTN	Haines Company, Inc.
	SSCHULERSylvia	Haines Company, Inc.

### 1565 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	0 FAIRBANKSJo	Haines Company, Inc.

### 1580 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	FITE Sylvia KERBYJay	Haines Company, Inc.

### 1589 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	WARHOLATheodore	Haines Company, Inc.

### 1590 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	0 BURD Richard	Haines Company, Inc.

### 1609 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	GREENWOODHarry	Haines Company, Inc.
	GREENWOOD Pam	Haines Company, Inc.

### 1612 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OBALCUNAS Dennis	Haines Company, Inc.

### 1614 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OWOOKang	Haines Company, Inc.

### 1630 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	STAHLJames	Haines Company, Inc.

### 1640 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	KUNDINGERK	Haines Company, Inc.
	IHOEWISCH David	Haines Company, Inc.

## FINDINGS

### 1650 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	0 WEERASOORIYASin	Haines Company, Inc.

### 1697 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	0 KLING Timothy	Haines Company, Inc.

### 1722 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	TERSIGNIJoe	Haines Company, Inc.

### 1724 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ODOYLEJohn	Haines Company, Inc.

### 1735 HACIENDA AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	GIANCOLACosimo SUGANUMAShigemi	Haines Company, Inc.

### HARIET AVE

#### 1247 HARIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Johnson Erwin Jr	Pacific Bell

### HARRIET AVE

#### 1186 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BOWERSDavid	Haines Company, Inc.
1974	Vacant	R. L. Polk Co.
1970	Hayley Claude W	R. L. Polk & Co.

#### 1200 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Ravicchio Maurice	R. L. Polk Co.
1957	Mc Culley Lynn B	R. L. Polk Co.
1955	Evans Thos C da	R. L. Polk & Co.
1950	a Hardy C G	R. L. Polk Co.

## FINDINGS

### 1201 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	STHATCHERJohn BJr	Haines Company, Inc.
1996	Thatcher John B Jr	Pacific Bell
1980	Pacific Game Lines	Pacific Telephone
	Sohm Richard W	Pacific Telephone
1975	SOHM RICHARD W	Pacific Telephone
1974	N Sohm Richd W	R. L. Polk Co.
1970	Isaksen Alvin V	R. L. Polk & Co.

### 1205 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	YEAMAN Harold	Haines Company, Inc.
1991	YEANAN HAROLD CAMPBELL 374 06	PACIFIC BELL WHITE PAGES
	Yeanan Harold	PACIFIC BELL WHITE PAGES
1986	Yeaman Harold	Pacific Bell
1985	YEAMAN HAROLD	Pacific Bell
1975	ISAKSEN ALVIN V	Pacific Telephone
1974	Isaksen Alvin V	R. L. Polk Co.

### 1215 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Altieri D Jad da	R. L. Polk Co.
1955	Altieri D Jas	R. L. Polk & Co.
1950	a Brown R G	R. L. Polk Co.

### 1216 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Manfredi Paul P da	R. L. Polk Co.
1955	Manfredi Paul P da	R. L. Polk & Co.
1950	a Manfredi P P	R. L. Polk Co.

### 1223 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines Company, Inc.
1986	West Perry C	Pacific Bell

### 1228 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	STEELE LOUISE L	Pacific Bell
1974	Tolosano Louise	R. L. Polk Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Talosano James	R. L. Polk & Co.
	Rear Vacant	R. L. Polk & Co.

### 1230 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SOEPPMEIERTimothy	Haines Company, Inc.

### Harriet Ave

#### 1231 Harriet Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	VELBERT TECHNICAL	EDR Digital Archive

### HARRIET AVE

#### 1231 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	JUNGRall	Haines Company, Inc.
1975	GIANCOLA COSIMO	Pacific Telephone
1974	Giancola Cosimo	R. L. Polk Co.
1970	Giancola Cosimo	R. L. Polk & Co.

#### 1232 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Sprague Paul R	R. L. Polk Co.
1955	Holm Richd W da HARRIET AV Contd	R. L. Polk & Co. R. L. Polk & Co.
1950	a Spiegelberg Prederic	R. L. Polk Co. R. L. Polk Co.

#### 1236 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SCHANGChlh H	Haines Company, Inc.

### Harriet Ave

#### 1240 Harriet Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	NIKO KNEZEVIC	EDR Digital Archive

## FINDINGS

### **HARRIET AVE**

#### **1240 HARRIET AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	SDONOFRIORobert	Haines Company, Inc.
1974	Dye Carl	R. L. Polk Co.
1970	Dye Carl S	R. L. Polk & Co.

#### **1242 HARRIET AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	OREIS Richard	Haines Company, Inc.
1986	Cossell Jos B	Pacific Bell
1985	COSSELL JOP B	Pacific Bell
1980	Cossell Jos B	Pacific Telephone

#### **1244 HARRIET AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	SHAINWaller	Haines Company, Inc.
1986	Doane Peter M	Pacific Bell
1985	DOANE PETER M	Pacific Bell
1980	Doane Peter M	Pacific Telephone

#### **1247 HARRIET AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	GIANCOLAAngelin	Haines Company, Inc.
	GIANCOLACosrmo	Haines Company, Inc.
	SCOTTZulema	Haines Company, Inc.
1996	Giancola Cosimo & Angelina	Pacific Bell
1986	Giancola Cosimo & Angelina	Pacific Bell
1985	GIANCOLA COSIMO & ANGELINA	Pacific Bell
1980	Giancola Cosimo & Angelina	Pacific Telephone

#### **1248 HARRIET AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	KUGELMASSE	Haines Company, Inc.
1960	Hunt Ernest P da	R. L. Polk Co.
1955	Hunt Ernest P da	R. L. Polk & Co.
1950	a Hunt E P	R. L. Polk Co.

## FINDINGS

### 1249 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Erickson Leif 4D	R. L. Polk Co.
1955	Hix Robt L da	R. L. Polk & Co.
1950	a Molloy H T	R. L. Polk Co.

### 1253 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Wilkes Bruce C	Pacific Telephone
1975	LINDEN PAUL	Pacific Telephone
1974	Linden Paul	R. L. Polk Co.
1970	Bissell David R	R. L. Polk & Co.

### 1275 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Hull Edw K da	R. L. Polk Co.
1955	Sharp Erene L	R. L. Polk & Co.
1950	Johnson A D	R. L. Polk Co.

### 1276 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Childrens Library da Community Center	R. L. Polk Co. R. L. Polk Co.
1955	Community Center Chil drens Library da	R. L. Polk & Co. R. L. Polk & Co.
1950	Center Child ACommunity	R. L. Polk Co. R. L. Polk Co.

### 1281 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HODGE KERRY	Pacific Telephone

### Harriet Ave

#### 1288 Harriet Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	AMERICAN CANCER SOCIETY	EDR Digital Archive
2010	AMERICAN CANCER SOCIETY	EDR Digital Archive

## FINDINGS

### HARRIET AVE

#### 1288 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BELETEShewa Ye	Haines Company, Inc.
	WILLAMSYvonne	Haines Company, Inc.
1986	Shockley Todd	Pacific Bell
1985	SHOCKLEY TODD	Pacific Bell
1975	HARRIS DENNIS	Pacific Telephone
1974	N Harris Dennis	R. L. Polk Co.
1970	Shuart Eric E	R. L. Polk & Co.

#### 1291 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	AI BERTO & BROS CONCRETE	Pacific Telephone

### Harriet Ave

#### 1295 Harriet Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	BANIES LELHAM TAMRAZ	EDR Digital Archive

### HARRIET AVE

#### 1295 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SDUNCAN Stephen	Haines Company, Inc.
1991	Tersigni Joe	PACIFIC BELL WHITE PAGES
	TERSIGNI JOE	PACIFIC BELL WHITE PAGES
1985	TERSIGNI WALTER	Pacific Bell
	TERSIGNI JOE	Pacific Bell
	TERSIGNI JOE	Pacific Bell
1980	Tersigni Walter	Pacific Telephone
	Tersigni Joe	Pacific Telephone
	Tersigni Genie	Pacific Telephone
1975	TERSIGNI JOE TRACTOR&TRUCK WORKS	Pacific Telephone
1974	Tersigni Joe Tractor & Truck Works	R. L. Polk Co.
	Tersigni Joe	R. L. Polk Co.
1970	Tersigni Joe Tractor & Truck Works	R. L. Polk & Co.
	Tersigni Joe	R. L. Polk & Co.

## FINDINGS

### 1300 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SOUNCANDirk	Haines Company, Inc.
1986	Bothman Brian	Pacific Bell
1975	SPENCE DWIGHT F	Pacific Telephone
1974	Spence Dwight F	R. L. Polk Co.
1970	Me Kinsey Gail J	R. L. Polk & Co.

### 1301 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HALL FLOYD L	Pacific Telephone
1957	DRAEGER ARTLLHUR C	Pacific Telephone

### 1304 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SKOLTCHEVJiko Z	Haines Company, Inc.

### Harriet Ave

#### 1306 Harriet Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	NEXT PHASE CONSULTING LLC	EDR Digital Archive

### HARRIET AVE

#### 1306 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SMOORELorelta	Haines Company, Inc.
1991	Moore Retta	PACIFIC BELL WHITE PAGES
	Green Greg	PACIFIC BELL WHITE PAGES
	GREEN GREG	PACIFIC BELL WHITE PAGES
	MOORE RETTA	PACIFIC BELL WHITE PAGES
1986	Moore Retta	Pacific Bell
	Green Greg	Pacific Bell

#### 1308 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SORLITAVladimir	Haines Company, Inc.
1991	Yoshida Shuitsu	PACIFIC BELL WHITE PAGES
	Yoshida Shuitsu	PACIFIC BELL WHITE PAGES
	YOSHIDA SHUITSU	PACIFIC BELL WHITE PAGES

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	YOSHIDA SHUITSU	PACIFIC BELL WHITE PAGES
1986	Crandall Dan R	Pacific Bell
1985	CRANDALL DAN R	Pacific Bell

### 1310 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	PADZENSKYDJ PADZENSKYH	Haines Company, Inc. Haines Company, Inc.
1996	Padzensky D J & H	Pacific Bell
1974	Cabral Libby	R. L. Polk Co.
1970	No Return	R. L. Polk & Co.

### 1321 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	HASSEN	Haines Company, Inc.
1991	Hassan Otto HASSAN OTTO	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Kousa Paavo & Anneli	Pacific Bell
1985	ME CORMICK L	Pacific Bell
1975	MC CLEERY WM SAM	Pacific Telephone
1974	Mc Cleery Wm S	R. L. Polk Co.
1970	Me Cleery Wm S	R. L. Polk & Co.

### 1326 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SCANDELARIAV VALCAZARLJ	Haines Company, Inc.
1975	CANDELARLA VICTORIA	Pacific Telephone
1974	Candelaria Nino	R. L. Polk Co.
1970	Candelaria Nino	R. L. Polk & Co.

### 1329 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	VINA Henry Mrchael	Haines Company, Inc.
1996	Vina Henry Michael	Pacific Bell
1991	VINA HENRY MICHAEL Vina Henry Michael	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1980	SAFETY ENGINEERING LABORATORY Ould CLee	Pacific Telephone Pacific Telephone
1975	SAFETY ENGINEERING LABORATORY OULD C LEE	Pacific Telephone Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Safety Engineering Laboratory consulting eng	R. L. Polk Co.
	N Ould C Lee	R. L. Polk Co.
1970	Ramsay & Gray Concrete Contractors Inc	R. L. Polk & Co.
	Ramsay Hartley	R. L. Polk & Co.

### 1340 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OCARVALLOllan	Haines Company, Inc.
1974	No Return	R. L. Polk Co.
1970	Vacant	R. L. Polk & Co.

### 1360 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ADAMS Tom	Haines Company, Inc.
	BLACK Bernard	Haines Company, Inc.
1996	B Behmaram Majid	Pacific Bell
1991	Smith Donald J	PACIFIC BELL WHITE PAGES
	SMITH DONALD J	PACIFIC BELL WHITE PAGES
1986	Paul E Hild	Pacific Bell
1985	PAUL E HILD	Pacific Bell
1980	Paul E	Pacific Telephone
1975	MACHADO J J	Pacific Telephone
	PAUL EMMY	Pacific Telephone
1974	Paul Emmy Mrs	R. L. Polk Co.
	a N Gillis Shelley L	R. L. Polk Co.
1970	Paul Emmy Mrs	R. L. Polk & Co.
	a Crossland Gladys Mrs	R. L. Polk & Co.

### 1365 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	METZGERJohn E	Haines Company, Inc.
1996	Patton Ernest M	Pacific Bell
1986	Patton Ernest M	Pacific Bell
1985	PATTON ERNEST M	Pacific Bell
1980	Patton Ernest M	Pacific Telephone
1975	PATTON ERNEST M	Pacific Telephone
1974	Vacant	R. L. Polk Co.
	Patton Ernest M	R. L. Polk Co.
1970	Patton Ernest M	R. L. Polk & Co.

## FINDINGS

### 1371 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Negrette Joe	R. L. Polk Co.
1970	Negrette Joe	R. L. Polk & Co.

### 1380 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines Company, Inc.
1975	MARTIN ESTHER	Pacific Telephone
	MARTIN SAM I	Pacific Telephone
1974	Martin Samil	R. L. Polk Co.
1970	Martin Skml	R. L. Polk & Co.

### 1381 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Hal Floyd L	Pacific Bell
1985	HALL FLOYD L	Pacific Bell
1974	Hall Marguertie L Mrs	R. L. Polk Co.
1970	Hall Floyd L	R. L. Polk & Co.

### 1391 HARRIET AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	LOPEZ RANDY	Pacific Bell
1974	Lopes Rudolph	R. L. Polk Co.
1970	Lopes Rudolph	R. L. Polk & Co.

### LITTLETON PL

#### 1668 LITTLETON PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	PLOEDi ving	Haines Company, Inc.

### Littleton PI

#### 1673 Littleton PI

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MARTELL COMMUNICATIONS	EDR Digital Archive
2010	MARTELL COMMUNICATIONS	EDR Digital Archive

## FINDINGS

### LITTLETON PL

#### 1673 LITTLETON PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MARTELL Colleen L	Haines Company, Inc.
	MARTELL Colleen L	Haines Company, Inc.
	DEWITIBnan R	Haines Company, Inc.
	DEWITTAngie Bryan	Haines Company, Inc.

#### 1676 LITTLETON PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DUBOISR	Haines Company, Inc.
	ROBINSON O K	Haines Company, Inc.

#### 1697 LITTLETON PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	THOMASSENTom	Haines Company, Inc.

### Luika PI

#### 1649 Luika PI

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FISCAL DIAGNOSTICS	EDR Digital Archive
2010	VISUAL MOUSE PAD	EDR Digital Archive
	FISCAL DIAGNOSTICS	EDR Digital Archive

### LUIKA PL

#### 1649 LUIKA PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	JOHNSON Melinda	Haines Company, Inc.
1996	Johnson K	Pacific Bell
1991	JOHNSON K	PACIFIC BELL WHITE PAGES
	Johnson K	PACIFIC BELL WHITE PAGES
1986	Johnson K	Pacific Bell
1985	JOHNSON K	Pacific Bell

#### 1657 LUIKA PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	JOSEi PHDaryl J	Haines Company, Inc.
1996	Joseph Daryl J	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Joseph Daryl J	PACIFIC BELL WHITE PAGES
	JOSEPH DARYL J	PACIFIC BELL WHITE PAGES
1986	Joseph Daryl J	Pacific Bell

### 1665 LUIKA PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Berar Andrei	Pacific Bell
1986	Gomsi Walter	Pacific Bell
	Mason M	Pacific Bell
1985	GOMSI-WALTER	Pacific Bell
	MASON M	Pacific Bell
1980	Moore Benjamin H	Pacific Telephone

### 1681 LUIKA PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	KORDESTANPa 8vi O	Haines Company, Inc.
1980	Ashlock Ronald P	Pacific Telephone

### 1689 LUIKA PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	6 MCCLEMENTSJohni D	Haines Company, Inc.
1996	Mc Clements John K II	Pacific Bell
1991	Mc Clements John K II	PACIFIC BELL WHITE PAGES
	MC CLEMENTS JOHN K II	PACIFIC BELL WHITE PAGES
1985	MC CLEMENTS JOHN K	Pacific Bell
1980	Petrie Paul A	Pacific Telephone

### LUKO PL

#### 1657 LUKO PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Sparkman David	Pacific Telephone

### PEACHTREE LN

#### 722 PEACHTREE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	INDORATO JOE	Pacific Telephone

## FINDINGS

### **REGINA WAY**

#### **1765 REGINA WAY**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1991	Hilovsky R & L	PACIFIC BELL WHITE PAGES
	HILOVSKY R & L	PACIFIC BELL WHITE PAGES
1986	Hilovsky R & L	Pacific Bell

#### **1769 REGINA WAY**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1986	FAME	Pacific Bell
	Fazzio Sam S	Pacific Bell
	Federal Aviation Marine Enterprises	Pacific Bell

#### **1785 REGINA WAY**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1991	HOFFMAN WAYNE E	PACIFIC BELL WHITE PAGES
1986	Hoffman Wayne E	Pacific Bell

### **W Hacienda Ave**

#### **1505 W Hacienda Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2010	FORREST & PILCHARD INC	EDR Digital Archive

#### **1506 W Hacienda Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	SWANSON KAREN L	EDR Digital Archive

#### **1560 W Hacienda Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	SCHULER FIRE PROTECTION ENG	EDR Digital Archive
2010	CALIFORNIA PLUS ENGRG INC	EDR Digital Archive

#### **1612 W Hacienda Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2010	ALL TOOL SUPPLY	EDR Digital Archive

#### **1697 W Hacienda Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	KLING JAMES	EDR Digital Archive
2010	KLING JAMES	EDR Digital Archive

## FINDINGS

### **WALTERS AVE**

#### **1551 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	CLOUTIERHugh M	Haines Company, Inc.
1996	Cloutier Hugh M	Pacific Bell
1991	CLOUTIER HUGH M	PACIFIC BELL WHITE PAGES
	Cloutier Hugh M	PACIFIC BELL WHITE PAGES
1985	CLOUTIER HUGH M	Pacific Bell
1974	Feldtman Orval D	R. L. Polk Co.
1970	Maciel Cecilio DR	R. L. Polk & Co.

#### **1556 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	CASTELLOAlan WOOSLEYJohn W	Haines Company, Inc.
1996	Woosley John W	Pacific Bell
1991	WOOSLEY JOHN W	PACIFIC BELL WHITE PAGES
	Woosley John W	PACIFIC BELL WHITE PAGES
1986	Woosley John W	Pacific Bell
1985	WOOSLEY JOHN W	Pacific Bell
1980	Woosley John W	Pacific Telephone
1974	Mallard Louie F	R. L. Polk Co.
1970	Mallard Louie F	R. L. Polk & Co.

#### **1561 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	CHENSy	Haines Company, Inc.
1991	CARTER DAVE E	PACIFIC BELL WHITE PAGES
	Carter Dave E	PACIFIC BELL WHITE PAGES
1974	Vacant	R. L. Polk Co.
	b Vacant	R. L. Polk Co.
1970	Staller Gloria Mrs	R. L. Polk & Co.

### **Walters Ave**

#### **1566 Walters Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2010	PAL-DI	EDR Digital Archive

## FINDINGS

### **WALTERS AVE**

#### **1566 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	LUQUEPedre	Haines Company, Inc.
1986	Ruppert Paul	Pacific Bell
1985	RUPPERT PAUL	Pacific Bell
1980	Ruppert Paul	Pacific Telephone
1974	Ruppert Paul	R. L. Polk Co.
1970	Ruppert Paul	R. L. Polk & Co.

### **Walters Ave**

#### **1570 Walters Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	COMFORT HOUSING INC	EDR Digital Archive
	WHITE GARDEN INC	EDR Digital Archive
2010	WHITE GARDEN INC	EDR Digital Archive
	COMFORT HOUSING INC	EDR Digital Archive

### **WALTERS AVE**

#### **1570 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	ASGARINaser	Haines Company, Inc.
1974	Castilla Joe	R. L. Polk Co.
1970	Castilla Joe	R. L. Polk & Co.

#### **1581 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	PODSTAWNYMaran	Haines Company, Inc.
1974	Vacant	R. L. Polk Co.
1970	Cates Norman	R. L. Polk & Co.

### **Walters Ave**

#### **1590 Walters Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	CAPITAL TREES LLC	EDR Digital Archive

## FINDINGS

### WALTERS AVE

#### 1590 WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	TRUONGHreu	Haines Company, Inc.
1986	Van Foassen David Jr	Pacific Bell
1975	CROTHERS LOYD V	Pacific Telephone
1974	Crothers Loyd V	R. L. Polk Co.
1970	Crothers Loyd V	R. L. Polk & Co.

#### 1601 WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	6 GRECHMary	Haines Company, Inc.
1986	Grech Anthony	Pacific Bell
1985	KORDESTANI PARVIZ MOTAMEDI	Pacific Bell

### Walters Ave

#### 1603 Walters Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	RANDALL H SACKS	EDR Digital Archive
2010	RANDALL H SACKS	EDR Digital Archive

### WALTERS AVE

#### 1603 WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SACKSRandall	Haines Company, Inc.
1980	Just Rite Appliance	Pacific Telephone
1975	ANDERSON A W	Pacific Telephone
1974	Laremore Michi R	R. L. Polk Co.
1970	Chamberlain John	R. L. Polk & Co.

### Walters Ave

#### 1614 Walters Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	EDGE MARKETING	EDR Digital Archive
2010	EDGE MARKETING	EDR Digital Archive

## FINDINGS

### WALTERS AVE

#### 1614 WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	HAUBLGlen	Haines Company, Inc.
1991	Burke Harley E	PACIFIC BELL WHITE PAGES
	BURKE HARLEY E	PACIFIC BELL WHITE PAGES
1986	Burke Harley E	Pacific Bell
1985	BURKE HARLEY E	Pacific Bell
1980	Burke Harley E	Pacific Telephone
1974	Rhodebeck Harley E	R. L. Polk Co.
1970	Rhodebeck HarleyE	R. L. Polk & Co.

### Walters Ave

#### 1619 Walters Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SV3 GROUP LLC	EDR Digital Archive

### WALTERS AVE

#### 1619 WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines Company, Inc.
1996	Hinrichs Frank R & Coquille	Pacific Bell
1991	Hinrichs Frank R & Coquille	PACIFIC BELL WHITE PAGES
	HINRLCHS FRANK R & COQUILLE	PACIFIC BELL WHITE PAGES
1986	Hinrichs Frank R & Coquille	Pacific Bell
1985	HINRICHS FRANK R & COQUILLE	Pacific Bell
1980	Hinrichs Frank R & Coquille	Pacific Telephone
1975	HINRICHS F R	Pacific Telephone
1974	Hinrichs Frank R	R. L. Polk Co.
1970	Hinrichs Frank R	R. L. Polk & Co.

### Walters Ave

#### 1621 Walters Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	EYE FOR DESIGN SILICON VALLEY	EDR Digital Archive
2010	EYE FOR DESIGN SILICON VALLEY	EDR Digital Archive

## FINDINGS

### **WALTERS AVE**

#### **1626 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	HESTERLarry	Haines Company, Inc.

### **Walters Ave**

#### **1632 Walters Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	TARA CONSTRUCTION	EDR Digital Archive
2010	TARA CONSTRUCTION	EDR Digital Archive

### **WALTERS AVE**

#### **1632 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	EMAMGHOLIZADP	Haines Company, Inc.
1991	Smith Jeffery D	PACIFIC BELL WHITE PAGES
	SMITH JEFFERY D	PACIFIC BELL WHITE PAGES
1986	Fineran Joe	Pacific Bell
1985	ROTHS K K	Pacific Bell
	FINERAN JOE	Pacific Bell
1980	Perry Roneld	Pacific Telephone
	Murry Robert	Pacific Telephone
1975	PLYNIFPTON WM	Pacific Telephone
1974	Plyxnpton Wm B	R. L. Polk Co.
1970	Plympton Wm B	R. L. Polk & Co.

#### **1639 WALTERS AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	DARDANELLINalhan	Haines Company, Inc.
1980	Jimenez Jesse Mr & Mrs	Pacific Telephone
1974	Vacant	R. L. Polk Co.
1970	Trammill Clifford R	R. L. Polk & Co.

### **Walters Ave**

#### **1642 Walters Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	MICHAEL S VEDDA	EDR Digital Archive

## FINDINGS

### WALTERS AVE

#### 1642 WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	PERRYJudy	Haines Company, Inc.
1980	Karnes Dan D	Pacific Telephone
1974	Perry Ronald	R. L. Polk Co.
1970	Perry Ronald	R. L. Polk & Co.

#### 1655 WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DARDANELLIG	Haines Company, Inc.
1986	Sekigahama Sonja &Gary	Pacific Bell
1975	DI NARDO JOS JR	Pacific Telephone
1974	Leon Carmen Mrs	R. L. Polk Co.
1970	Leon Camen Mrs	R. L. Polk & Co.

#### 1667 WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	6 N 87 ELJames	Haines Company, Inc.
1974	Thompson Troy	R. L. Polk Co.
1970	Thompson Troy	R. L. Polk & Co.
	ASSn IATION I	R. L. Polk & Co.

#### 1561B WALTERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	CARTER DAVE E	Pacific Bell

### YORK AVE

#### 1366 YORK AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Hamton Orr Mrs	R. L. Polk Co.
1970	Hamton Orr	R. L. Polk & Co.

#### 1367 YORK AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Beyer James R	R. L. Polk Co.
1970	Beyer James R	R. L. Polk & Co.

## 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

1631 W Hacienda Ave

#### Address Not Identified in Research Source

2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

### 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

1141 Archer Way

#### Address Not Identified in Research Source

2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1150 Archer Way

2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1158 Archer Way

2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1158 ARCHER WAY

2014, 2010, 2006, 2000, 1996, 1991, 1982, 1980, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1159 ARCHER WAY

2014, 2010, 2006, 2000, 1982, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1160 FAWN DR

2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1166 ARCHER WAY

2014, 2010, 2006, 2000, 1982, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1167 ARCHER WAY

2014, 2010, 2006, 2000, 1996, 1991, 1982, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1174 ARCHER WAY

2014, 2010, 2006, 2000, 1982, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1175 ARCHER WAY

2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

1182 ARCHER WAY

2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922













## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
1570 Walters Ave	2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1575 ARCHER CT	2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1575 ARCHER OR	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1575 ARCHERII CT	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1580 BETH WAY	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1982, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1580 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1580 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1581 WALTERS AVE	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1589 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1996, 1982, 1980, 1978, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1589 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1590 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1986, 1985, 1982, 1980, 1978, 1975, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1590 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1590 WALTERS AVE	2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1980, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1590 Walters Ave	2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1592 BETH WAY	2014, 2010, 2006, 2000, 1991, 1982, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1593 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1978, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1600 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922



## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
1630 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1630 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1631 Fawn Ct	2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1631 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1991, 1982, 1978, 1970, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1632 WALTERS AVE	2014, 2010, 2006, 2000, 1996, 1982, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1632 Walters Ave	2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1639 WALTERS AVE	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1640 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1640 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1642 WALTERS AVE	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1642 Walters Ave	2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1649 LUIKA PL	2014, 2010, 2006, 2000, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1649 Luika PI	2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1650 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1982, 1978, 1975, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1650 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1654 FAWN CT	2014, 2010, 2006, 2000, 1996, 1982, 1980, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1655 WALTERS AVE	2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1980, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
1657 LUIKA PL	2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1657 LUKO PL	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1662 FAWN CT	2014, 2010, 2006, 2001, 2000, 1996, 1982, 1980, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1663 FAWN CT	2014, 2010, 2006, 2000, 1996, 1982, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1665 LUIKA PL	2014, 2010, 2006, 2001, 2000, 1991, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1667 WALTERS AVE	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1668 LITTLETON PL	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1673 LITTLETON PL	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1673 Littleton PI	2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1674 FAWN CT	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1982, 1980, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1675 FAWN CT	2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1676 LITTLETON PL	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1681 FAWN CT	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1681 LUIKA PL	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1682 FAWN CT	2014, 2010, 2006, 2000, 1996, 1986, 1985, 1982, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1682 Fawn Ct	2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1685 FAWN CT	2014, 2010, 2006, 2000, 1982, 1978, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
1689 LUIKA PL	2014, 2010, 2006, 2000, 1986, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1697 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1991, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1697 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1697 LITTLETON PL	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1697 W Hacienda Ave	2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1722 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1722 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1724 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1735 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1735 HACIENDA AVE W	2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1745 HACIENDA AVE	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1765 REGINA WAY	2014, 2010, 2006, 2001, 2000, 1996, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1769 REGINA WAY	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
1785 REGINA WAY	2014, 2010, 2006, 2001, 2000, 1996, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
722 PEACHTREE LN	2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

Site Photographs



Photograph 1:  
View north towards the front of 1631 West Hacienda Avenue (the Site).



Photograph 2:  
View of backyard area between residence and unused lot to the north.



Photograph 3:  
Partially empty fuel and oil containers in the backyard area.



Photograph 4:  
Partially empty gasoline canister in the backyard area.



Photograph 5:  
Brand-Rex and gasoline container



Photograph 6:  
Two of four storage sheds in the backyard area.



Photograph 7:  
De minimis chemical storage in the backyard area including plumbing liquid and paints.



Photograph 8:  
View of the inside of one of four storage sheds.



Photograph 9:  
View of the backyard patio directly north of the residence including a 16-16-16 fertilizer package.



Photograph 10:  
Gasoline powered lawnmower.



Photograph 11:  
Looking north across the unused lot in the northern portion of the Site.



Photograph 12:  
Drum lid and charred ground located along the western edge of the Site.



View of loading dock west of Raley's



Photograph 14:  
Cannister of refrigerant gas 1,1,1,2-Tetrafluoroethane within refrigerant housing room.



Photograph 15:  
View of locked storage shed.



Photograph 16:  
View of kitchen inside residence.



Photograph 17:  
Storage room within residence.



Photograph 18:  
View of the garage within residence.

# ATTACHMENT 6

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WILL SERVE LETTERS

Date: April 4<sup>th</sup> 2018



Hacienda Street Holdings, LLC  
Attn: Sachneel Patel  
225 Demeter Street, East Palo Alto, Ca 94303  
Bellevue, WA 98005

RE: 1631 Hacienda Avenue  
Campbell Ca, 95008

This letter has been created to satisfy your request of a Will Serve Letter to the referenced subdivision.

Pacific Gas & Electric will be designing and providing the requested utilities per the standard application process and under the correct Tariff rules set forth by the California Public Utilities Commission.

Application, contract, right-of-way, and moneys are due prior to construction. Be certain to keep in close contact with your PG&E Representative. This will insure that any changes or delays in your plans will not affect PG&E's ability to design and construct your service facilities in a manner that best meets your needs.

Please call if there are any questions.

Sincerely,

Oswaldo Flores  
Industrial Power Engineer  
408-725-2098



April 4, 2018

Sachneel Patel  
Hacienda Street Holdings, LLC  
225 Demeter Street  
East Palo Alto, CA 94303  
sachneelpatel@gmail.com

Re: 1631 Hacienda Avenue, Campbell – Will Serve Letter

Dear Mr. Patel:

This letter shall supersede the previously issued will serve letter for the proposed six single family home development issued by West Valley Sanitation District (District) on January 11, 2018.

This letter will serve as the District's "WILL SERVE" for the proposed six single family home and one accessory dwelling unit development at 1631 Hacienda Avenue (current APN 403-13-004) in the City of Campbell.

Pursuant to District Ordinance Code Section 10.130, the owner is required to pay all applicable fees prior to the recordation of the Tract Map. The District will provide clearance for recordation of the Tract Map after the fees are paid.

Please contact me at (408)385-3030 if you have any further questions or concerns.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Alan K'.

Alan Kam  
Senior Civil Engineer



Date 4/18/2018

870 N McCarthy Bl  
Milpitas, Ca 95035

HACIENDA STREET HOLDINGS, LLC

Attention: Sachneel Patel

**RE: 1631 Hacienda Ave, Campbell, CA 95008**

Dear Sir/Madam,

The owners have requested that we furnish a statement of our policy for providing communications facilities to the above project.

Communication facilities will be extended to and within the parcel in accordance with our Tariff Schedule No. 2, Rule 15 and 16. These rules are on file with the California Public Utilities Commission and are available at our Marketing office upon request.

These facilities will be installed in accordance with the tariff applicable at the time of construction.  
Sincerely,

*Howard Prock*



**HOWARD PROCK  
AT&T  
ENGINEER - BAY C&E  
870 N MC CARTHY BL  
MILPITAS, CA 95035  
OFFICE - 408-635-8944  
CELL - 408-803-2208  
HP5731@ATT.COM**



**San Jose  
Water  
Company**

Writer's Direct Line: (408) 279-7874  
Email: jim.bariteau@sjwater.com

1265 S. Bascom Ave.  
San Jose, CA 95128-3514

January 8, 2018

Sachneel Patel  
Hacienda Street Holdings, LLC  
225 Demeter Street  
East Palo Alto, CA 94303

REFERENCE: 6 Lot Subdivision  
1631 Hacienda Avenue, Campbell  
APN 403-13-004 & 005

Dear Mr. Patel:

The above-referenced site is within the jurisdiction of the San Jose Water Company. Please be informed that we will serve further development of the property in accordance with our rules and regulations in effect and on file with the California Public Utilities Commission.

Sincerely,

ORIGINAL SIGNED BY

JAMES R. BARITEAU  
Senior Water Services Representative

JRB:jrb  
1631 Hacienda Avenue

cc: Danny Raymond, VER Consultants

1866

*San Jose Water Company*  
150 Years of Service to the Community

2016

# ATTACHMENT 7

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COMMUNITY NOISE ASSESSMENT

**Community Noise Assessment  
1631 West Hacienda Avenue  
APN 403-13-004 and APN 403-13-005 in Santa Clara County  
Campbell, California**

*April 5, 2018*

*Prepared for:*

**Mr. Sachneel Patel  
Hacienda Street Holdings, LLC  
225 Demeter Street  
East Palo Alto, CA 94303  
(408) 799-7395 • [SachneelPatel@gmail.com](mailto:SachneelPatel@gmail.com)**

*Prepared by:*



Marc Papineau  
Environmental Service  
5789 Gold Creek Drive  
Castro Valley, CA 94552  
TEL: (510) 881-8574

ES Project Number: 2018-005



## EXECUTIVE SUMMARY

The proposed project would develop a site of 1.92 acres, combined on two parcels located at 1631 W. Hacienda Avenue in Campbell, California, with six (6) single-family houses and one (1) additional dwelling unit (ADU). Assessed acoustical considerations are summarized below. This project involves potentially significant temporary noise impacts or exposures during construction that can be adequately mitigated by measures described in this report.

1. **Outdoor Noise Levels:** The outdoor sound environment on the project site was assessed by on-site noise survey to be generally less than 60 CNEL except at close setback within 25 feet of W. Hacienda Avenue measured from the centerline. These noise levels are acceptable for residential use with normal construction and without special conditions per the City's standard and policies.
2. **Interior Noise Levels:** Normal residential construction of housing within an area having outdoor noise of 60 CNEL, or below, will have indoor noise levels of 45 CNEL, or below, which is consistent with the City's standard.
3. **Project-Related Traffic Noise Level:** Project-related traffic added to W. Hacienda Avenue and Westmont Avenue is assessed to increase existing traffic noise levels by well less than +0.5 decibel. Average daily trip generation is expected to be approximately 240–280 trip ends per day, with fewer than 24–28 one-way trips in any hour.
4. **Project Mechanical Equipment:** Permanent equipment such as air conditioning and exhaust fans can be specified and installed in a manner that avoids potential creation of noise nuisance for tenants and neighbors.
5. **Construction Noise:** Several mitigation measures, listed herein, could be implemented to reduce the potential nuisance impact of temporary construction noise on adjoining neighbors.



## COMMUNITY NOISE EFFECTS

Thresholds of significant effect appropriate for the San Francisco Bay Area (SFBA) and the City of Campbell have been applied in making the following determinations.

CHECKLIST ITEM	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



## INTRODUCTION

This report presents a community noise impact assessment for the proposed seven unit single-family residential subdivision at 1631 W. Hacienda Avenue in Campbell, California. The Santa Clara County Assessor parcel numbers of the project site are APN 403-13-004 and APN 403-13-005. A key purpose of the study is to characterize the existing noise setting of the project site and compare this to the applicable sections of the City's General Plan, City municipal code and State standards. As appropriate, recommendations are presented where needed so that the proposed project can meet the relevant guidance and standards. Recommendations could be required by the City as mitigation measures or conditions of project approval.

The proposed project would subdivide the parcels for the purpose of constructing six (6) single-family houses and one ADU on Lot 1. This community noise impact assessment was prepared at an advance planning stage. A Site Development Plan and Grading Plan were available. Plan details such as building elevations were not available. For readers less familiar with the vocabulary, acronyms, and units used in acoustical surveys, please refer to the list of abbreviations at the end of this report and definitions in Appendix A.

## ACOUSTICAL CRITERIA

### ***State of California – Building Code***

The City of Campbell has adopted the *California Residential Code* (2013 edition) as approved by the California Building Standards Commission, and as published in the California Code of Regulations, Title 24, Part 2.5. CRC adoption is documented in the City's Municipal Code, Title 18: Building Codes and Regulations, Chapter 18.11.

The *California Residential Code* (2013 edition), or California Code of Regulations, Title 24, Part 2.5, establishes minimum noise insulation performance standards for hotels, motels, dormitories, apartments and townhouses, and other dwellings other than single-family detached houses.

### ***State of California – Green Buildings Standards Code***

The Green Buildings Standards Code for the City of Campbell is the 2013 or 2016 *California Green Buildings Standards Code*, as approved by the California Building Standards Commission, and as published in Title 24, Part 11, of the California Code of Regulations. Green Building Code adoption is documented in the City's Municipal Code, Title 18: Building Codes and Regulations, Chapter 18.26–Green Building Standards Code, Section 18.26.010.

The 2013 and 2016 *California Green Building Standards Code* (CALGreen) contains acoustical requirements for non-residential developments. California Code of Regulations, Title 24, Part 11, Chapter 5, Division 5.5, Section 5.507 sets forth mandatory environmental comfort requirements for non-residential construction.

The 2013 and 2016 *California Green Building Standards Code* requires that buildings located within an  $L_{dn}$  65 (dBA) noise contour of a major noise source,—or otherwise exposed to a 1-hour noise level of 65 dBA ( $L_{eq}$  1-hr),<sup>1</sup> or higher,—incorporate prescriptive sound insulation

<sup>1</sup>  $L_{eq}$  (1-hour) – The steady A-weighted sound level during one hour that would contain the same acoustical



measures including sound-rated windows, exterior walls, and roof-ceiling assemblies. Alternatively, such buildings may be constructed in a manner that meets the performance requirements of Section 5.507.4.2.

### ***City of Campbell – Noise Element of the General Plan***

The City of Campbell's Conservation and Natural Resources Element contains its Noise Element. The Noise Element identifies Highway 17, Highway 85, San Tomas Expressway as key noise sources.<sup>2</sup> The General Plan also identifies aircraft overflights as substantial noise sources under certain weather conditions. During winter storms, the San Jose and San Francisco International Airport flight patterns are shifted over the City of Campbell, which temporarily increases the amount of aircraft flyover noise.<sup>3</sup>

**Strategy CNR-10.1c** Noise and New Development: Evaluate the potential for noise pollution and ways to reduce noise impacts when reviewing development proposals.

*Stationary Source Noise*: New residential development shall conform to a stationary source noise exposure standard of 65 dBA for exterior noise and 45 dBA for interior noise.

*Traffic-Related Noise*: New residential development shall conform to a traffic-related noise exposure standard of CNEL 60 dBA for outdoor noise in noise-sensitive outdoor activity areas and CNEL 45 dBA for indoor noise. New development, which does not and cannot be made to conform to this standard shall not be permitted.

*Acoustical Studies*: Studies, describing how the exterior and interior noise standards will be met, shall be required for all new residential developments having a noise exposure above CNEL 60 dBA.

**Strategy CNR-10.1d** Noise Mitigation Measures: Review and require noise mitigation measures for development projects, including setbacks between uses, earth berms, sound walls, landscaping and site design that shields noise-sensitive uses with non-sensitive structures such as parking lots, utility areas and garages, or orients buildings to shield outdoor spaces from noise sources.

**Strategy CNR-10.1e** Construction Noise Mitigation: Require mitigation measures during construction, including limits on operating times of noise-producing activities (including vehicles).

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energy as the actual time-varying sound during that hour.

<sup>2</sup> Campbell, City of, 2001. *The City of Campbell General Plan*, adopted November 6, 2001, Conservation and Natural Resources Element, p. CNR-7. <http://www.cityofcampbell.com/DocumentCenter/View/2664>

<sup>3</sup> *Ibid.*, Health and Safety Element, p. HS-16.



### **City of Campbell – Municipal Code**

The City of Campbell strives to protect the quiet noise environment of existing residential areas within the City. Accordingly, the City’s Municipal Code sets forth residential noise standards protective of a quiet noise environment (Municipal Code, Title 21–Zoning, Chapter 21.16–General Performance Standards, Section 21.16.070E).

Residential Noise Standards: Section 21.16.070E requires as follow:

1. New residential development shall conform to a stationary source noise exposure standard of 65 dBA for exterior noise levels and 45 dBA for interior noise levels, at the receiving land use.
2. New residential development shall conform to a traffic-related noise exposure standard of 60 CNEL for outdoor noise in noise-sensitive outdoor activity areas and 45 CNEL for indoor noise. New development that does not and cannot be made to conform to this standard shall not be allowed.

Required Acoustical Studies: Section 21.16.070F requires that projects potentially exposed to noise over 60 CNEL be evaluated:

*Acoustical studies are required for all new noise-sensitive projects that may be affected by existing noise from stationary sources, including all new residential developments with a noise exposure greater than 60 dBA CNEL.*

Vibration: Section 21.16.090 requires a limit on groundborne vibration. However, Section 21.16.090 exempts construction including, for example, temporary construction, demolition, haul trucks.

*Uses, activities, and processes shall not generate ground vibration that is perceptible without instruments by the average person at any point along or beyond the property line of the parcel containing the activities. Vibrations from temporary construction, demolition, and vehicles that enter and leave the subject parcel (e.g., construction equipment, trains, trucks, etc.) shall be exempt.*

The City’s Municipal Code, Title 18 – Building Codes and Regulations, also sets limits on hours of construction and noise nuisance. Chapter 18.04.052 – Hours of Construction—Time and Noise Limitations states as follows:

1. Construction activity shall be limited to the hours of 8 a.m.–5 p.m. daily, Monday through Friday.
2. Saturday hours of construction shall be 9 a.m.–4 p.m.
3. There shall be no construction activity on Sundays or National Holidays.
4. No loud environmentally disruptive noise over 50 dB, such as air compressors without mufflers, continuously running motors or generators, loud playing musical instruments or radios will be allowed during the authorized hours of construction, Monday through Saturday, where such noise may be a nuisance to adjacent residential neighbors. Such nuisances shall be discontinued.

### **EXISTING AND FUTURE NOISE ENVIRONMENT**

The project site is bracketed by Hacienda Avenue on the south and Westmont Avenue on the north. The north end of the project site is buffered from Westmont Avenue by substantial 500



feet distance and by intervening houses. The project site does not adjoin commercial land use on any side.

Westmont Avenue conveys the higher traffic volume of the two streets bracketing the project site. According to a 24-hour hose count performed by the City of San Jose in 2005, Westmont Avenue conveyed approximately 7,000 vehicles per day (vpd) west of Harriet Avenue, in both directions combined. Allowing for traffic growth of 2 percent per year since 2005, the current year 2018 average daily traffic volume would be approximately 8,000 vpd.

Predominant noise sources observed during February 12–15, 2018, included surface traffic along Hacienda Avenue and Westmont Avenue, intermittent aircraft flyovers, local deliveries, leaf blowers, and local construction east and northeast of project site. Traffic on Highway 85 and Westmont High School stadium public address were discernible as evening noise sources on February 15, 2018, partly due to weather including light wind from the northwest during the noise survey. Figures 1 and 2 illustrate the microphone locations in relation to adjoining residential land uses.

### ***Adjoining and Nearby Sensitive Receptors***

The project site is located in a residential area and is adjoined on all sides by housing. In view of their proximity, residents at the nearest houses which adjoin the project site potentially could be disturbed during construction on the project site. These adjoining houses are illustrated in Figures 1 and 2.

### ***Existing Day-Evening-Night Average Sound Levels (CNEL)***

**Noise Survey Methods** – To quantify the existing noise environment, noise measurements were performed at three (3) locations, at the northern end of the project site, at the southern end, and along W. Hacienda Avenue just west of the project site. Noise measurements were performed during February 12-15, 2018. Noise survey measurements were attended to facilitate identification of key sources of noise and noise characteristics. The SLM was located as follows:

**Location M#1:** at the southern side of the project site, approximately 25 feet north of the West Hacienda Avenue centerline. The microphone was located approximately 5 feet above ground. See Figure 1.

**Location M#2:** at the Luika Place/W. Hacienda Avenue intersection outside the house at 1649 Luika Place. The microphone was located approximately 46 feet north of the centerline of West Hacienda Avenue and approximately 5 feet above ground. See Figure 1.

**Location M#3:** at the northern side of the project site, approximately 410 feet north of the West Hacienda Avenue centerline. The microphone was located approximately 57 feet east of the western fence, approximately 110 feet south of the northern fence, and approximately 5 feet above ground. See Figure 2.

The noise survey employed a SoundPro DL data-logging, Type I sound level meter (SLM) with Serial Number BLL070001 (Instrument ID 19717). The SLM was bench calibrated using NIST traceable standards on February 2, 2018. The SLM was field calibrated daily with a Quest QC-10 calibrator with Serial Number QIG11076) at 114.0 dB. The Quest QC-10 was bench calibrated using NIST traceable standards on May 5, 2017.



Sound levels were logged 1x per minute, with SLM set on fast response and 3 dB exchange rate. Logged sound levels included  $L_{eq}$ ,  $L_{peak}$ ,  $L_{max}$  and  $L_{min}$ ,  $L_1$ ,  $L_{10}$ ,  $L_{50}$ , and  $L_{90}$ .  $L_{eq}$ ,  $L_1$ ,  $L_{10}$ ,  $L_{50}$ , and  $L_{90}$  are included in the data summary (Appendix B).

**Noise Survey Results** – Table 1 presents survey results of sound level measurements and observations performed during February 12–15, 2018. The maximum observed  $L_{eq}$  in any sampling interval (generally approximately 15 minutes) was 62.6 dBA. The maximum observed  $L_{eq}$  (1-hour), the  $L_{eq}$  in any hour, was 59.3 dBA.

CNEL across the project site generally is 60 dBA or lower. CNEL at M#1 is expected to be just over 60 dBA or approximately 61 dBA. CNEL at M#2 is expected to be 60 dBA, and CNEL at M#3 is expected to be lower than 60 dBA.

The project site is located in an area having noise generally under 60 CNEL (dBA) except at close setbacks from West Hacienda Avenue. Surveyed sound levels at locations M#2 and M#3 have daytime  $L_{eq}$  in the range of 52–63 dBA at M#2 and 40–48 dBA at M#3. Evening  $L_{eq}$  was surveyed in the range of 54–56 dBA at M#2 and 52–54 dBA at M#3. Nighttime  $L_{eq}$  drops to 50–54 dBA generally in the area, which is the nighttime  $L_{eq}$  sound level found in a previous survey conducted at 1180 Abbott Avenue.

In evening, distant Highway 85 noise becomes noticeable. During the times of observed noticeable highway noise, the prevailing sound level with highway noise and other local sources was more or less steady at 48-50 dBA.<sup>4</sup> Traffic volumes on West Hacienda Avenue are very low in the evening and made a minor contribution relative to other area sources (e.g., highway traffic, intermittent aircraft).

On February 15, 2018, there was some additional noise from distant cheering and Public Address (PA) system at the Westmont High School stadium. According to the schedule, Westmont High School varsity men's soccer played Leland High School at home on February 15, at 5:30 p.m. Stadium noise was low-level but noticeable over background noise at microphone locations M#2 and M#3, after 6:30 p.m. as other community noises subsided.

Qualitatively, based on observations made during the attended sound level measurements, the noise setting of the neighborhood is created primarily by a combination of traffic on West Hacienda Avenue; aircraft flyovers; local deliveries, gardening and construction. Noise from W. Hacienda Avenue traffic attains its relatively highest levels 7 – 8 a.m. and 2:15-3:45 p.m. At M#2 these traffic-dominated  $L_{eq}$  levels are 58-63 dBA, and at M#3 the afternoon traffic  $L_{eq}$  levels are much lower and less noticeable at 40–48 dBA due to distance from W. Hacienda Avenue and shielding by the intervening houses. Noises from vehicle passby events are highly variable depending on the kind of vehicle and speed. Noisier events are associated with heavier vehicles such as large pick-up trucks or vehicles traveling at higher speeds.

Noise sources other than surface street traffic contributed to variability of the surveyed noise. During daytime and evening observations, aircraft noise events were limited to infrequent propeller and jet aircraft flyovers. None of these flyovers was at particular low altitude. More relevant than aircraft, locally generated noises caused by home repair, remodeling, gardening

<sup>4</sup> Based upon the Envision Campbell Existing Conditions Report, the 60  $L_{dn}$  noise contour from Highway 85 west of Winchester Boulevard extends approximately 350 feet from the highway's centerline. The project site, at 1,500-1,800 feet from the Highway 85 centerline, can be expected to have 50-53 dBA ( $L_{dn}$ ).



(e.g., leaf blowers, saws, lawn mowers) contributed to variability of the measured noise levels over consecutive 1-minute intervals.

### ***Projected Future Noise Environment***

Future sound environment was evaluated by assuming traffic growth and adding an increment to existing measured noise levels. Even if traffic noise on W. Hacienda Avenue increases by +25 percent, the added noise will be only +1 dBA. The project site other than the immediate roadside frontage at 25–50 feet from the road’s centerline, would still be expected to have a CNEL of 60 dBA or lower.

A future cumulative CNEL noise level increase of +1 dBA could potentially result from area-wide development with or without the proposed project. The project itself would generate insignificant incremental noise from project traffic added to local surface streets.



**TABLE 1**  
**Existing Noise Measurement Results**  
**1631 W. Hacienda Avenue in Campbell, California, February 12–15, 2018**

Mic Site	Description of Measurement Location	CNEL (dBA)	L <sub>1</sub> (dBA)	L <sub>10</sub> (dBA)	L <sub>90</sub> (dBA)	L <sub>eq</sub> (dBA)
M#1	at the southern side of the project site, approximately 25 feet north of the W. Hacienda Ave. centerline	61	66-71	57-68	41-55	Day: 55–66 Evening: 56–59 Night: 50–54
M#2	at the Luika Place & W. Hacienda Ave. intersection outside the house at 1649 Luika Place approximately 46 feet north of the W. Hacienda Avenue centerline	60	64–69	54–66	38–52	Day: 52–63 Evening: 54–56 Night: 50–54
M#3	at the northern side of the project site, approximately 410 feet north of the W. Hacienda Avenue centerline	<60	47–55	41–53	36–50	Day: 40–48 Evening: 52–54 Night: 50–54

**NOTES:**  
a. L<sub>1</sub> noise level typically exceeded 1 percent of the time, here day or evening.  
b. L<sub>10</sub> noise level typically exceeded 10 percent of the time, here day or evening.  
c. L<sub>90</sub> noise level typically exceeded 90 percent of the time, here day or evening.

**SOURCE:** Environmental Service, 2018



## EVALUATION OF PROJECT EFFECTS

### *Thresholds of Significance*

In accordance with California Environmental Quality Act (CEQA) guidelines, the proposed project could be considered to have a significant noise impact if the project resulted in any of the following conditions:

- a. Expose persons to or generate noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies
- b. Expose persons to or generate excessive groundborne vibration or groundborne noise levels
- c. Cause a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project
- d. Cause a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project
- e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, expose people residing or working in the project area to excessive noise levels
- f. For a project within the vicinity of a private airstrip, expose people residing or working in the project area to excessive noise levels.

#### **a – Exposure of persons to or generation of noise levels in excess of standards**

**No impact**

The proposed project would be located in an area having a quiet community noise environment of CNEL 60 dBA or below. Project-related traffic would not add substantially to existing or forecast noise levels.

#### **b – Exposure of persons to or generation of excessive groundborne vibration**

**Less-than-significant with mitigation**

The project is not in a class of projects having normal potential for generating vibration or groundborne noise. Vibration generated during construction earthwork (e.g., vibratory compaction) would be temporary and could be controlled by construction mitigation measures if vibration-generating construction activity would be very close to an adjoining house.

- Notify the City and neighbors in advance of the schedule for each major phase of construction and expected loud activities or impulsive noise activities (e.g., nail guns during framing).
- When feasible, select “quiet” construction methods and equipment. Examples include: 1) using electrical service rather than portable power generators and 2) using rollers rather than vibratory compactors.
- Locate noisy stationary equipment (e.g., compressors) and material unloading and staging areas away from the nearest adjacent uses, such as the Luika Place residences to the southwest and west of the project site.



**c – Substantial permanent increase in ambient noise levels in the project vicinity**  
 **Less-than-significant**

The proposed project would generate some traffic on local surface streets. The amount of added traffic could be expected to be less than 24–28 vehicles in any hour of the day. The projected noise increase would be well less than +0.5 dBA on W. Hacienda Avenue and Westmont Avenue. Residential noise on private property or “across the fence” would be subject to the City’s Municipal Code.

**d – Substantial temporary or periodic increase in ambient noise levels**  
 **Less-than-significant with mitigation**

The construction-phase of the proposed project could be expected to generate substantial temporary or periodic noise during certain procedures such as sawing for framing and interior finish work, nailing, and grading. These noises would not be permanent and, for any given receptor, would vary over time depending on the location of work on the project site and separation distance.

Framing involves the use of pneumatic tools such as nailing guns and other hand tools such as hammers and saws. The final phase is interior work, which tends to be less intrusive since much of the work and noise occurs indoors. Table 2 (next page) shows typical noise levels from various construction activities.

Construction of the project might result in temporary elevated noise levels at existing adjacent land uses, which includes residences. Construction activities are expected to include demolition, grading, minor excavation and trenching, concrete foundation, structural framing, exterior finishes, interior framing and finishing. The highest noise levels are expected when heavy machinery is in use. Typical noise levels from these activities range from 80 to 90 dBA at 50 feet.

The City’s Municipal Code stipulates that work is to be controlled to avoid a public noise nuisance. In compliance with Section 18.04.052 of the Municipal Code, private construction (e.g., construction, alteration or repair activities) between the hours of 8 a.m. and 5 p.m. Monday through Friday, and between the hours of 9 a.m. and 4 p.m. Saturday. Work shall be prohibited on Sundays and Holidays. The community development director may impose further limitations on the hours and day of construction or other measures to mitigate significant noise impacts on sensitive uses.

To minimize potential for noise nuisance and the chance of neighbor complaints, the following mitigation measures are recommended to be implemented:

- Require posted signs at the construction site, which provide the permitted construction days and hours, a day and evening contact number for the job site and a day and evening contact number for the City in the event of problems.
- Notify the City and neighbors in advance of the schedule for each major phase of construction and expected loud activities or impulsive noise activities (e.g., nail guns during framing).



- When feasible, select “quiet” construction methods and equipment. Examples include: 1) using electrical service rather than portable power generators and 2) using rollers rather than vibratory compactors.
- Locate noisy stationary equipment (*e.g.*, compressors) and material unloading and staging areas away from the nearest adjacent uses, such as the Luika Place residences to the southwest and west of the project site.
- Require that all construction equipment (*e.g.*, excavators, backhoes) be in good working order and that mufflers are installed and functioning properly. Avoid unnecessary idling of diesel engines.
- Designate a Construction Noise Coordinator. The designated Construction Noise Coordinator would be responsible for posting the required signs, explaining the construction timeline, responding to potential complaints from neighbors, and managing noise through appropriate work practices or other measures.

**e – For a project located within an airport land use zone, expose people to excessive commercial aircraft noise**

**No impact**

The project site is not located in an airport land use zone.

**f – For a project located near a private airstrip, expose people to excessive private aircraft noise**

**No impact**

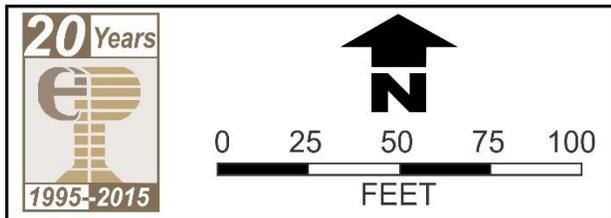
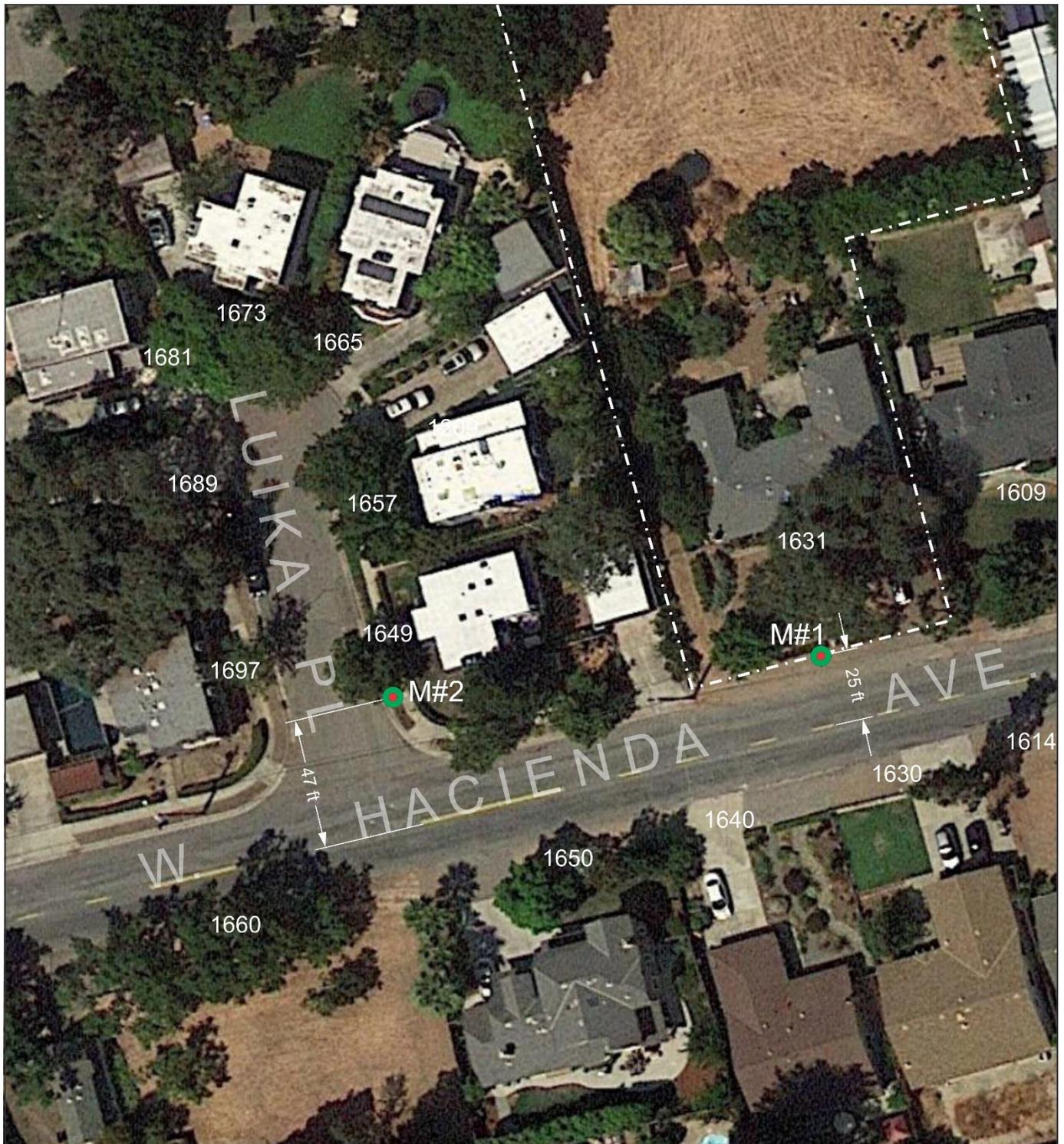
The project site is not located near a private airstrip.

**TABLE 2**  
**Typical Construction Noise Levels**

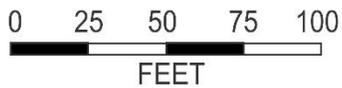
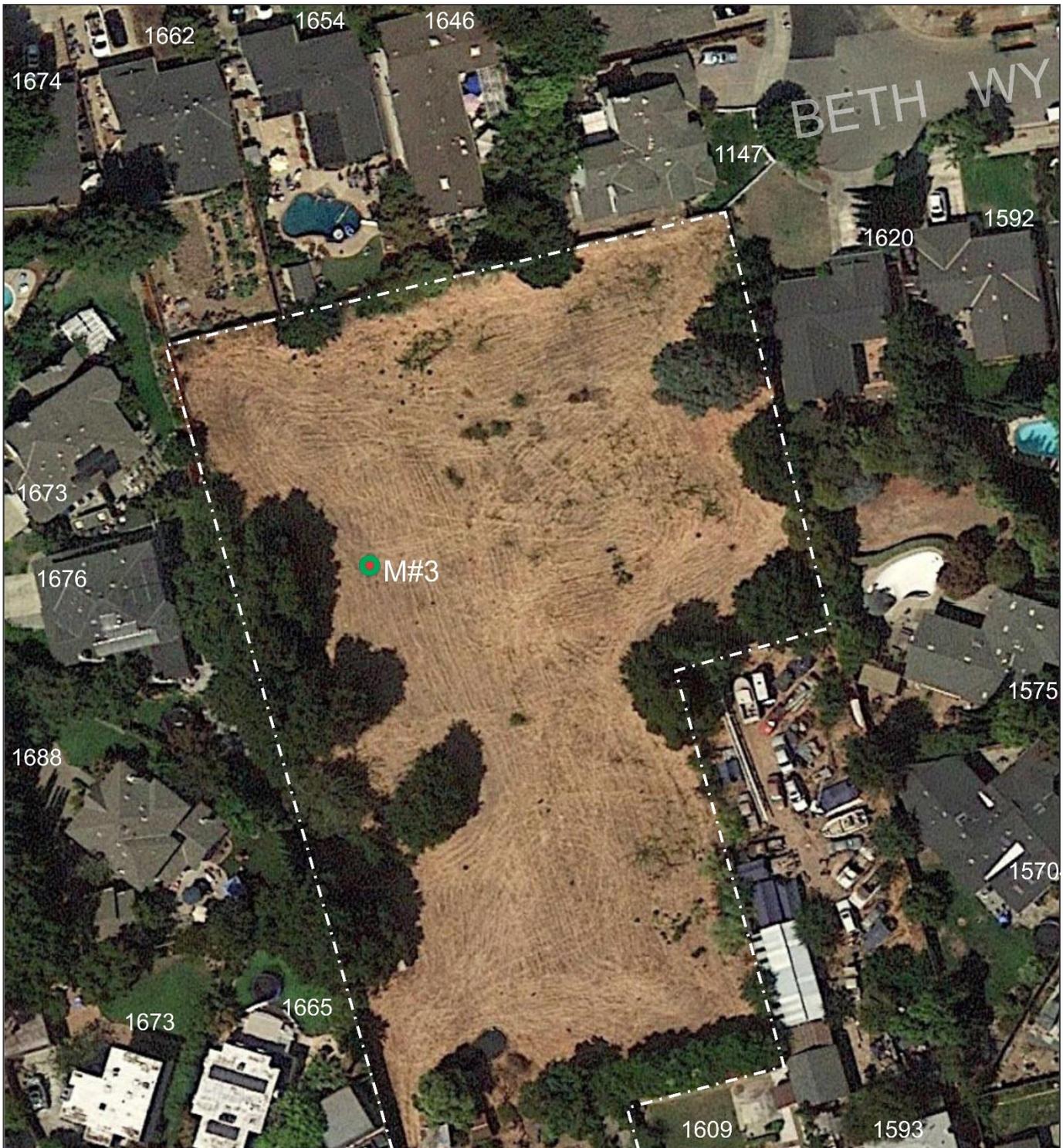
Construction Phase	Noise Level ( $L_{eq}$ ) in dBA at 50 feet from active construction equipment
Demolition	89
Ground Clearing	84
Excavation	89
Foundation	78
Erection	85
Exterior Finishing	89
<b>SOURCE:</b> U.S. EPA, 1971	

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**Figure 1**  
Measurement Locations M#1 and M#2  
Campbell, California



**Figure 2**  
**Measurement Location M#3**  
**Campbell, California**

## List of Abbreviated Terms

<b>Abbreviation</b>	<b>Spelled-out term</b>
AADT	Annual average daily traffic
ADA	Americans with Disabilities Act
BART	Bay Area Rapid Transit
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CMP	Congestion Management Program
CNEL	Community Noise Equivalent Level
dB	Decibels
dBA	A-weighted decibel
EPA	Environmental Protection Agency
EWR	Exterior wall noise reduction—similar to STC, developed for FHWA
FHWA	Federal Highway Administration
HDT	Heavy-duty truck
Hz	Hertz, a unit of frequency in cycles per second
kHz	kilohertz
L <sub>dn</sub> or DNL	Day-Night Weighted Average Sound Level
L <sub>eq</sub>	Equivalent-Energy Sound Level
L <sub>eq(1-h)</sub>	Equivalent-Energy Sound Level over one hour
L <sub>max</sub>	Maximum Sound Level
LOS	Level of Service
L <sub>xx</sub>	Sound Level exceeded xx percent of the time
MC	motor cycle
MDT	Medium-duty truck
mPa	micro-Pascals
mph	miles per hour
MVMT	million vehicle miles traveled
NIST	National Institute of Standards & Technology (formerly, National Bureau of Standards)
NLR	Noise level reduction
OITC	Outdoor-indoor transmission class
SPL	sound pressure level
STC	Sound transmission class
TeNS	Caltrans' Technical Noise Supplement
TNM 2.5	FHWA Traffic Noise Model Version 2.5
TWLT	Two-way left-turn lane
vpd	[number of ] vehicles per day
vph	[number of ] vehicles per hour

## APPENDIX A NOISE PRIMER

To promote understanding of noise, this primer provides a brief overview of sound terms and fundamentals of traffic noise.

### Noise Basics

Noise is defined as unwanted sound. Sound is created when objects vibrate, resulting in compression and rarefaction of the surrounding air called a sound pressure wave. The human response to sound depends on the magnitude of the sound wave, its frequency (pitch), and time pattern. Magnitude is a measure of the wave's height and sound energy carried in the wave.

**Decibel Scale**—The range of sound pressure magnitude from the faintest to the loudest sound the human ear can hear is very large. When sound pressure is expressed on a special scale called the decibel (dB) scale, the range of sound pressure levels is compressed to about 120 dB, from zero (0 dB), which is the threshold of hearing, to 120 dB which is so loud it would be almost painful.

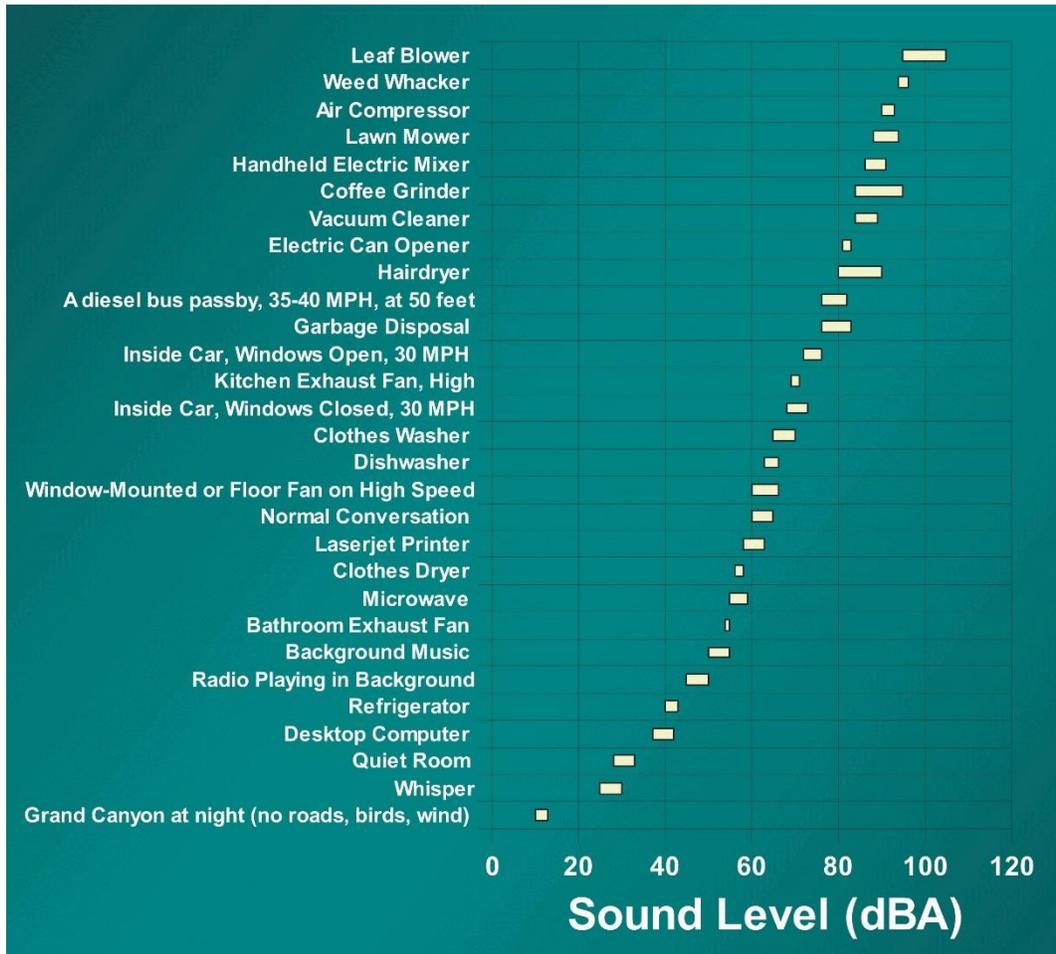
**Frequency or Pitch**—Most environmental noise is composed of many frequencies from low rumbling to higher-pitch screeching and everything between. The human ear is consistent at perceiving sounds of frequency 250 Hertz (Hz) to 5,000 Hz.<sup>5</sup> This frequency range includes the range of human speech (1,000–2,250 Hz). Outside the frequency range 250–5,000 Hz, sounds of equal sound pressure level (dB) are not perceived as equal in loudness. The extreme example is the dog whistle, which at 16,000 Hz produces a sound that is not even audible to most people.

**A-Weighted Decibel**—The A-weighted decibel scale assigns relatively greater weight to sounds in the range 250-5,000 Hz. Based on the A-weighted decibel scale, a sound level meter reduces to a single number, called the A-weighted decibel level, the level of environmental sounds across a range of frequencies and magnitudes. The A-weighting counts more of the energy conveyed in sound within the frequency range 250-5,000 Hz and counts less the energy conveyed in sound outside that frequency range. The A-weighting matches well with human hearing and response to sound.

**Environmental Sounds**—Typical sound levels shown in Figure A-1. Examples of environmental sounds on the A-weighted decibel scale are 30 dBA (a soft whisper), 35 dBA (a quiet auditorium), 35-40 dBA (a quiet room<sup>6</sup>), 40-45 dBA (a quiet office), 79 dBA (a diesel bus passby at 35-40 mph, as heard by an observer 50 feet away), 88 dBA (roller coaster passby with riders, as heard by an observer 50 feet away), and 90-105 dBA live band music in a small club.

<sup>5</sup> Cycles per second, or Hertz (Hz), is a unit of frequency. Middle C on a piano is about 262 Hz. A dog whistle emits a sound inaudible to most humans at 16,000–22,000 Hz.

<sup>6</sup> A level of 45 dBA indoors is considered by U.S. EPA to be acceptable with an adequate margin of safety to avoid sleep disturbance. SOURCE: U.S. EPA, 1974. *Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety.*



**FIGURE A-1**

**Sound Levels by Recognized Setting, Vehicle or Appliance**

**Perception of Loudness**—Changes in “loudness” refer to how people subjectively judge sound level or a change in sound level. A change of +10 dBA is often equated to a “perceived doubling of loudness.” A change of +5 dBA is definitely noticeable but is perceived as less than a doubling of loudness. In the general environment, that is, outside of special quiet rooms or laboratories, a change of 2 or 3 dBA is just perceptible. In most situations, noise control measures need to reduce noise by at least 5 dBA to be perceived as effective and, therefore, to avoid or minimize complaints.

**Effect of Adding Traffic**—On the A-weighted decibel scale, a doubling of the number of sources, such as the number of cars operating on a street, increases the noise level by +3 dBA. So, if the noise level next to the street begins at 65 dBA and traffic is doubled, the resulting noise level would be 68 dBA, not 130 dBA. This applies to any



doubling—for example, to 2,000 vehicles per hour (vph) from 1,000 vph, or to 2,500 vph from 1,250 vph.

**Effect of Changing the Kinds of Vehicles or Speeds**—Noise levels from traffic depend not only on traffic volume but also on vehicle speed, vehicle mix (percentage medium trucks, heavy trucks or buses, and motor cycles), and distance from the road. Generally, an increase in volume, speed, or truck percentage increases traffic noise level.

**Effect of Increasing or Decreasing Distance**— An increase in distance of the noise receiver from the road decreases traffic noise level; however, noise levels drop off relatively slowly if distance is the only change. For each doubling of distance from a road, noise levels generally decrease  $-3$  dBA over hard ground (concrete, pavement) or  $-4.5$  dBA over soft ground (grass). Doubling of distance means any doubling of distance between the road and the receiver—for example, to 100 feet from 50 feet, to 70 feet from 35 feet, or to 40 feet from 20 feet. In reverse, halving distances generally increases noise  $+3$  dBA over hard ground or  $+4.5$  dBA over soft ground.

**Description of Time-Varying Noise**—Environmental noise, including traffic noise, is time-varying, unsteady, and changing even over very short periods. For this reason, characterization of traffic noise demands that noise be sampled over time and then reported either as a statistic (for example, the level exceed 10 percent of the time) or else as a time-average using an integrating sound level meter or real-time analyzer. Two important time-averaged levels used for characterizing traffic noise are the energy-equivalent noise level ( $L_{eq}$ ) and the day-night, weighted-average noise level ( $L_{dn}$ ). Both are special kinds of time-averages.

- **Equivalent Sound Level ( $L_{eq}$ ):**  $L_{eq}[t]$  represents the steady sound level having the same sound energy as the actual time-varying sound over a specified period  $[t]$ . The A-weighted energy-equivalent sound level ( $L_{eq}[1-h]$ ) is the A-weighted  $L_{eq}$  during a one-hour period.  $L_{eq}$  for the noisiest hour is used by Caltrans and FHWA for assessment of noise impact.
- **Day-Night, Weighted-Average Level ( $L_{dn}$ ):**  $L_{dn}$  is the weighted average of A-weighted  $L_{eq}[1-h]$  sound levels occurring over a 24-hour period. A 10-dBA penalty is applied to  $L_{eq}[1-h]$  during the nine (9) nighttime hours, 10 p.m. to 7 a.m., and no penalty is applied to  $L_{eq}[1-h]$  during the fifteen (15) other hours.  $L_{dn}$  is used by the City of Novato assessment of noise impact.
- **Community Noise Equivalent Level (CNEL):** Like  $L_{dn}$ , CNEL is a weighted average of A-weighted  $L_{eq}[1-h]$  sound levels occurring over a 24-hour period. A 10-dBA penalty is applied to  $L_{eq}[1-h]$  during the nine (9) nighttime hours 10 p.m. to 7 a.m., a 5-dBA penalty is applied to  $L_{eq}[1-h]$  during the three (3) evening hours 7 p.m. to 10 p.m., and no penalty is applied to  $L_{eq}[1-h]$  during the twelve (12) other hours. CNEL is used by the City of Campbell for assessment of noise impact.



## **APPENDIX B**

### **NOISE MEASUREMENT RESULTS**



**TABLE B-1**  
**Outdoor Community Noise Measurements**  
**Campbell, California**

Mic Site	Date	Time		Sound Level Metric (dBA)				
		Start	End	L <sub>1</sub>	L <sub>10</sub>	L <sub>50</sub>	L <sub>90</sub>	L <sub>eq</sub>
M#1	2-12-2018	1203	1228	71.1	62	45.8	41.2	<b>58.5</b>
M#2	2-12-2018	1230	1251	66.1	58	44.7	41.2	54.6
	2-12-2018	1252	1313	65	57.4	46.5	41.1	53.7
	2-12-2018	1314	1339	66.3	59.3	46.4	41.2	55.2
	2-12-2018	1342	1400	66.6	58.3	45.2	40.6	54.6
	2-13-2018	0759	0814	69.4	66	60.8	52.2	<b>62.6</b>
	2-13-2018	0814	0830	67.5	62.7	53.2	46.5	58.5
	2-13-2018	0830	0846	67.1	60.1	48.9	46.1	56.2
	2-13-2018	0847	0909	66.7	61	48.9	45.9	56.3
	2-13-2018	1206	1221	64.2	54.2	43.7	40.1	52.1
	2-13-2018	1221	1232	66.2	57.2	42.4	39	53.8
	2-13-2018	1232	1249	65.5	59.2	43.3	39.1	54.5
	2-13-2018	1251	1304	67.4	58.5	43.5	37.5	54.9
	2-15-2018	13:45	14:03	66.3	59.5	47.7	43	55.3
	2-15-2018	14:03	14:16	68.4	59.5	47.8	43.2	56.3
	2-15-2018	14:16	14:30	67.2	61.7	46.6	41.3	56.9
	2-15-2018	15:03	15:15	66.1	59.9	45.4	39.5	55.4
	2-15-2018	15:15	15:31	67.2	60.8	45.8	39.1	56.4
	2-15-2018	15:31	15:45	67.2	61	47.4	40.7	56.5
	2-15-2018	16:18	16:30	64.2	57.4	40.7	37.7	52.8
	2-15-2018	16:30	16:45	66.7	61.4	42.9	38.2	56
	2-15-2018	16:45	17:00	67	60.9	44.8	39.6	55.9
	2-15-2018	17:20	17:30	67.1	62	49.7	40.8	57.5
	2-15-2018	17:30	17:45	65.4	60.9	46.8	40.5	56.1
	2-15-2018	17:45	18:00	66.1	62	48.4	43.4	56.8
	2-15-2018	18:25	18:36	65.8	61.2	50.2	47.4	56.4
	2-15-2018	18:36	18:47	63.8	58.8	50	48.1	54.4
	2-15-2018	18:47	19:00	64.7	60	51.1	49	55.8
	2-15-2018	19:00	19:15	65.9	59.4	51.1	49.6	55.7
2-15-2018	19:15	19:30	64.8	59.9	51	48.5	55.7	
2-15-2018	19:30	19:45	65.6	56.8	47.4	45.4	54.3	
M#3	2-13-2018	1307	1326	48.9	43.3	38.5	36.2	40.7
	2-13-2018	1326	1338	47.1	42.2	38.2	35.9	39.8
	2-15-2018	1303	1316	54.6	51.7	46.2	42.8	48.3
	2-15-2018	1316	1330	53.5	50.9	44	40.7	46.8
	2-15-2018	1433	1445	48.8	46.4	42.5	40.6	44
	2-15-2018	1445	1500	49.1	45.8	42	40.2	43.4
	2-15-2018	1548	1600	53.2	45.3	45.3	37.5	43.3
	2-15-2018	1600	1615	49.3	42.1	39.1	36.8	40.7
	2-15-2018	1703	1717	49.7	41	37.9	36.1	40.1
	2-15-2018	1802	1815	47.7	44.7	43.3	42.1	43.6
	2-15-2018	1948	2000	54.8	52.7	51.3	49.6	<b>51.5</b>

NOTES:  
 Microphone locations are shown in Figure 1 and 2. The microphone at all locations was mounted on a tripod approximately 5 feet above ground level.

SOURCE: Environmental Service, 2018



**CITY OF CAMPBELL**  
Community Development Department

**MITIGATION MONITORING AND REPORTING PROGRAM**  
**Hacienda Avenue Planned Development Subdivision**

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<b>Air Quality - AIR</b>							
<p><b>Mitigation Measure AQ-1:</b> Provisions for trackout control of soil/mud from project construction will be implemented as best practices BP6 and BP7 described in Table A-5 of the Air Quality Assessment, prepared by Marc Papineau, Environmental Service, restated as follows:</p> <ul style="list-style-type: none"> <li>• <b>BP6</b> - Wash off all haul trucks and equipment, including their tires, before leaving the site.</li> <li>• <b>BP7</b> - Treat entries to a distance of 100 feet from a paved road with a 6 to 12 inch compacted layer of wood chips, mulch, or gravel.</li> </ul> <p><b>Mitigation Measure AQ-2:</b> To minimize PM emissions from fugitive sources and from unnecessary equipment idling, the contractor will be required to implement the Basic Practices described in Table A-5 of the Air Quality Assessment, prepared by Marc Papineau, Environmental Service, restated as follows:</p>	Site Preparation and Construction	City of Campbell	Public Works Department and Building Division	Periodic Compliance Report			

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<ul style="list-style-type: none"> <li>• <b>A1</b> - Watered at least two times per day exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads).</li> <li>• <b>A2</b> - Cover haul trucks transporting soil, sand, or other loose material to or from the site.</li> <li>• <b>A3</b> - Remove visible mud or dirt track-out onto adjacent public roads using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.</li> <li>• <b>A4</b> - Limited vehicle speeds 15 mph on unpaved roads.</li> <li>• <b>A5</b> - Pave roadways, driveways, and sidewalks as soon as possible.</li> <li>• <b>A6</b> - Minimize idling times to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.</li> <li>• <b>A7</b> - Maintain and properly tune all motorized construction equipment in accordance with manufacturer’s specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation. This includes proper functioning of Level 3 VDECS for reduction of diesel particulate emissions.</li> <li>• <b>A-8</b> - Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District’s</li> </ul>							

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<p>phone number shall also be visible to ensure compliance with applicable regulations.</p> <p><b>Mitigation Measure AQ-3:</b> The following measures shall be adhered during constructions:</p> <ul style="list-style-type: none"> <li>• To reduce downwind concentrations of DPM to 15 percent of the uncontrolled concentrations, use Tier 4 non-road construction equipment and/or Tier 2 or Tier 3 non-road equipment retrofitted with a Level 3 Verified Diesel Emission Control Strategy (VDECs).</li> <li>• Prohibit portable diesel engines where access to alternative sources of power are available.</li> <li>• Restrict idling to two minutes during idle episodes.</li> <li>• Properly maintain and tune equipment in accordance with manufacturer specifications.</li> </ul> <p><b>Note:</b> If additional buffer, windbreak or privacy fence measures are attempted, these would have to be constructed before demolition or before grading. In this case, landscaped buffers, street or driveway buffers, and privacy fencing are secondary or supplemental and cannot be substituted for the recommended Basic Practices or Construction Best Practice.</p>							
<b>Biological Resources – Bio-1</b>							
<p><b>Mitigation Measure BIO-1: Pre-Construction Avian Survey</b> – If project construction-related activities would take place during the nesting season (February through August), preconstruction surveys for nesting passerine birds</p>	Site Preparation and Construction	City of Campbell	Planning Division	Periodic Compliance Report			

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<p>and raptors (birds of prey) within the Property and the large trees within the adjacent riparian area should be conducted by a competent biologist 14 days prior to the commencement of the tree removal or site grading activities. If any bird listed under the Migratory Bird Treaty Act is found to be nesting within the project site or within the area of influence, an adequate protective buffer zone should be established by a qualified biologist to protect the nesting site. This buffer shall be a minimum of 75 feet from the project activities for passerine birds, and a minimum of 200 feet for raptors. The distance shall be determined by a competent biologist based on the site conditions (topography, if the nest is in a line of sight of the construction and the sensitivity of the birds nesting). The nest site(s) shall be monitored by a competent biologist periodically to see if the birds are stressed by the construction activities and if the protective buffer needs to be increased. Once the young have fledged and are flying well enough to avoid project construction zones (typically by August), the project can proceed without further regard to the nest site(s).</p> <p><b>Mitigation Measure BIO-2: Pre-construction Bat Survey</b>                      – To avoid “take” of special-status bats, the following mitigation measures shall be implemented prior to the removal of any existing trees or structures on the project site:</p> <ul style="list-style-type: none"> <li>• A bat habitat assessment shall be conducted by a qualified bat biologist during seasonal periods of bat activity (mid-February through mid-October. Feb. 15 – Apr. 15, and Aug. 15 – October 30), to determine suitability of each existing structure as bat roost habitat.</li> </ul>							

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<ul style="list-style-type: none"> <li>Structures found to have no suitable openings can be considered clear for project activities as long as they are maintained so that new openings do not occur.</li> <li>Structures found to provide suitable roosting habitat, but without evidence of use by bats, may be sealed until project activities occur, as recommended by the bat biologist. Structures with openings and exhibiting evidence of use by bats shall be scheduled for humane bat exclusion and eviction, conducted during appropriate seasons, and under supervision of a qualified bat biologist.</li> <li>Bat exclusion and eviction shall only occur between February 15 and April 15, and from August 15 through October 30, in order to avoid take of non-volant (non-flying or inactive, either young, or seasonally torpid) individuals.</li> </ul> <p><b>OR</b></p> <p>A qualified wildlife biologist experienced in surveying for and identifying bat species should survey the portion of the mixed oak woodland and mixed riparian habitats if tree removal is proposed to determine if any special-status bats reside in the trees. Any special-status bats identified should be removed without harm. Bat houses sufficient to shelter the number of bats removed should be erected in open space areas that would not be disturbed by project development.</p>							

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<p><b>Mitigation Measure BIO-3:</b> The following tree protection measures will be implemented to minimize harmful effects to the remaining trees located on or immediately adjacent to the site:</p> <ul style="list-style-type: none"> <li>• Work within the vicinity of the trees to be retained will be scheduled for fall or winter when trees are dormant or semi-dormant.</li> <li>• Prior to any site preparation or construction work, all trees should have a protective buffer (six feet tall chain link fence) extending beyond the dripline of the canopy (tree protection zone)(TPZ), or the greatest feasible distance from the trunk as possible. Grading, deposition of fill, equipment storage, removal of soil, irrigation, or any other activities that may be detrimental to the health of the trees are strictly forbidden within the tree protection zone for the duration of site work. It is the ultimately applicants’ responsibility to ensure that the fencing remains intact and that the tree is not damaged during construction. Tree protection locations should be marked before any fence contractor arrives.</li> <li>• 8.5 x 11” signs will be placed on the construction fencing (not on the trunks of the trees) stating that all areas within the fencing are Tree Protection Zones (TPZ) and that disturbance is prohibited.</li> <li>• Pruning of limbs to provide clearance for structures, vehicular traffic, and construction equipment shall be performed during the fall or winter semi-dormant period and will conform to American National Standards Institute (ANSI) tree pruning standards. All tree pruning</li> </ul>							

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<p>or removals shall be performed by a qualified arborist with a C-61/D-49 California Contractors License. Avoid aesthetic pruning immediately before, during or after construction impact. Perform only that pruning of dead limbs or those which conflict with the proposed development.</p> <ul style="list-style-type: none"> <li>• Tree maintenance and care shall be specified in writing according to American National Standard for Tree Care Operations: Tree, Shrub and Other Woody Plant Management: Standard Practices parts 1 through 10 and adhere to ANSI Z133.1 safety standards and local regulations.</li> <li>• Engineer site improvements so that water runoff will not slope toward the trunks. In areas where the proposed elevation of nearby development lies above the elevation of the oak tree, swales have been incorporated into the design to direct water away from the oak trees.</li> <li>• Soak the ground beneath the canopy of each tree prior to, during, and right after construction. This deep watering method consists of a slow, all-day soaking within the root zone.</li> <li>• If possible, construct the project with minimal filling, excavating, or trenching within the root zone. Minimize compaction within the root zone to the greatest extent practicable. Keep the elevation of the soil surface at the existing level within the protected area around the trunk. Do not stockpile any construction material within the root zone, even temporarily.</li> <li>• Should any roots need to be severed during construction,</li> </ul>							

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
cover any exposed or cut roots with burlap, soil or mulch as soon as possible until the native soil can be backfilled. If possible, use sharp tools (chainsaw or axe) for pruning roots. Using hand tools will help to heal the wounded roots more quickly than pruning with bulldozers, and will better avoid tearing of the roots behind the cuts. If excavation is for installation of underground utilities, roots should be left intact and lines will be treaded underneath the roots.							
<b>Cultural Resources – CUL</b>							
<p><b>Mitigation Measure CUL-1:</b> If archaeological or paleontological resources are encountered during excavation or construction, construction personnel shall be instructed to immediately suspend all activity in the immediate vicinity of the suspected resources and the City and a licensed archeologist or paleontologist shall be contacted to evaluate the situation. A licensed archeologist or paleontologist shall be retained to inspect the discovery and make any necessary recommendations to evaluate the find under current CEQA guidelines prior to the submittal of a resource mitigation plan and monitoring program to the City for review and approval prior to the continuation of any on-site construction activity.</p> <p><b>Mitigation Measure CUL-2:</b> In the event a human burial or skeletal element is identified during excavation or construction, work in that location shall stop immediately until the find can be properly treated. The City and the Santa Clara County Coroner’s office shall be notified. If deemed prehistoric, the Coroner’s office would notify the Native</p>	Site Preparation and Construction	City of Campbell	Building Division	Periodic Compliance Report			

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
American Heritage Commission who would identify a "Most Likely Descendant (MLD)." The archeological consultant and MLD, in conjunction with the project sponsor, shall formulate an appropriate treatment plan for the find, which might include, but not be limited to, respectful scientific recording and removal, being left in place, removal and reburial on site, or elsewhere. Associated grave goods are to be treated in the same manner.							
<b>Cultural Resources – GEO</b>							
<i>Mitigation Measure GEO-1:</i> The applicant shall comply with the recommendations in the Updated Geotechnical Engineering Study, dated April 12, 2018 prepared by Earth Systems Pacific. Such recommendations shall be incorporated into the project's final engineering design to prevent ponding of water in or near the building, ensure the conveyance of storm water away from the building, and avoid the saturation of foundation soils. The project shall use standard engineering techniques and conform to the requirements of the International Building Code to reduce the potential for seismic damage and risk to future occupants.	Prior to Issuance of Building Permit	City of Campbell	Building Division	Assessment Report by Structural Engineer or Compliance Statement by Geotechnical Consultant			
<b>Hazards and Hazardous Materials - HAZ</b>							
<i>Mitigation Measure HAZ-1:</i> Prior to issuance of a demolition permit, a qualified contractor shall assess the property for presence of Lead-based paint (LBP) and Asbestos containing building materials (ACBM), and if present, prepare a plan, to the satisfaction of the Building Official, to properly manage and dispose of such materials.	Prior to Issuance of Demolition Permit	City of Campbell	Building Division	Assessment Report by Qualified Contractor			

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<b>Noise - NOI</b>							
<p><b>Mitigation Measure NOI-1:</b> The following measures shall be implemented during construction:</p> <ul style="list-style-type: none"> <li>• Notify the City and neighbors in advance of the schedule for each major phase of construction and expected loud activities or impulsive noise activities (e.g., nail guns during framing).</li> <li>• When feasible, select “quiet” construction methods and equipment. Examples include: 1) using electrical service rather than portable power generators and 2) using rollers rather than vibratory compactors.</li> <li>• Locate noisy stationary equipment (e.g., compressors) and material unloading and staging areas away from the nearest adjacent uses, such as the Luika Place residences to the southwest and west of the project site.</li> </ul> <p><b>Mitigation Measure NOI-2:</b> The following measures shall be implemented during construction:</p> <ul style="list-style-type: none"> <li>• Require posted signs at the construction site, which provide the permitted construction days and hours, a day and evening contact number for the job site and a day and evening contact number for the City in the event of problems.</li> <li>• Notify the City and neighbors in advance of the schedule for each major phase of construction and expected loud activities or impulsive noise activities (e.g., nail guns</li> </ul>	Prior to Issuance of Building Permit	City of Campbell	Building Division	Assessment Report by Structural Engineer or Compliance Statement by Acoustical Consultant			

Mitigation Measure	Monitoring Phase	Enforcement Agency	Monitoring Agency	Action Indicating Compliance	Verification of Compliance		
					Initials	Date	Remarks
<p>during framing).</p> <ul style="list-style-type: none"> <li>• When feasible, select “quiet” construction methods and equipment. Examples include: 1) using electrical service rather than portable power generators and 2) using rollers rather than vibratory compactors.</li> <li>• Locate noisy stationary equipment (e.g., compressors) and material unloading and staging areas away from the nearest adjacent uses, such as the Luika Place residences to the southwest and west of the project site.</li> <li>• Require that all construction equipment (e.g., excavators, backhoes) be in good working order and that mufflers are installed and functioning properly. Avoid unnecessary idling of diesel engines.</li> <li>• Designate a Construction Noise Coordinator. The designated Construction Noise Coordinator would be responsible for posting the required signs, explaining the construction timeline, responding to potential complaints from neighbors, and managing noise through appropriate work practices or other measures.</li> </ul>							