

# **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

of an

**INDUSTRIAL PROPERTY**

**890 N. McDOWELL BOULEVARD & 320 CORONA STREET  
PETALUMA, CALIFORNIA 94954**

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Prepared for:

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PEI Project #16-3985

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**PHASE I ESA EXECUTIVE SUMMARY OVERVIEW**

**Industrial Property**

**890 N. McDowell Blvd. & 320 Corona Road, Petaluma, CA**

<b>Section Topic</b>	<b>No RECs Identified</b>	<b>Non-REC Issue Identified</b>	<b>RECs Identified</b>	<b>Phase II Recommended</b>	<b>Comments</b>
Historical Usage			✓	✓	<p>The subject property has been used for industrial purposes (feed mill) since at least 1942. Operations related to the feed mill are generally unknown. The former mill buildings burned down and the remains were reportedly buried on-site.</p> <p>Truck fueling operations have occurred on-site since at least the early 1980s. A 2010 assessment indicated petroleum impact to soil and groundwater.</p> <p>Truck repair, sandblasting and painting businesses have operated on-site. Stained soil is noted in the area of most recent truck repair operations.</p>
Regulatory Database Review (on-site)			✓	✓	Three tenants including Dolan Trucking, Larry & Robin Drew/Clinton & Patricia Gow, and Royal Petroleum are listed with historic generation of hazardous wastes.
Regulatory Database Review (nearby sites)	✓				The southern adjoining property, J&D Automotive is a closed LUST site.
On-site Operations	✓				
Haz. Mat. Handling	✓				Minor quantities of petroleum related products were noted on-site.
Haz. Waste Handling	✓				
USTs/ASTs			✓	✓	A concrete secondary containment berm that formerly contained ASTs was noted. Capped piping on dispenser islands remain. Data from a 2010 subsurface assessment indicates soil and groundwater on site are impacted with petroleum hydrocarbon constituents. Additional assessment is recommended.
ACMs		✓			Suspect ACMs should be tested prior to disturbance or if they become damaged.
LBP/Lead in H2O		✓			Suspect LBP should be tested prior to disturbance or if it becomes damaged.



PCBs	✓				
Radon	✓				
Other			✓	✓	<p>Several of the buildings were locked during the site visit preventing interior observations. This is a data gap.</p> <p>An on-site well provides water to site occupants.</p> <p>Former on-site structures utilized septic systems.</p> <p>A boiler room was noted near the Corona entrance. Additional assessment is warranted in this area.</p>

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**SECTION I.**  
**EXECUTIVE SUMMARY & RECOMMENDATIONS**

Pinnacle Environmental, Inc. (PEI) was retained by Lomas Partners (Client) to perform a Phase I Environmental Site Assessment (Phase I ESA or Assessment) of a site located at 890 North McDowell Boulevard in Petaluma, California. The site visit was performed by the person whose signature appears in first position on the signature page (Section X of this report). At the time of the December 21, 2016 site visit, the subject property consisted of an approximate 6.56-acre parcel of land, occupied by several businesses related to trucking/transportation including Moga Transportation (a refrigerated dairy trucking company), AJR Trucking (a postal contractor), Jim Todorovitch Paving, and Walt Price Truss Company. Buildings on the property included the following (generally from northwest to southeast):

- a small office building and adjoining restroom/shower locker room (addressed 320 Corona, occupied by Moga Transport, Inc);
- an approximate 1,650 sq.ft. rectangular corrugated metal warehouse/garage building (locked, occupant unknown);
- an open sided truck repair building with attached masonry shed (locked, signage indicates Carlos Truck Repair);
- a well house shed covering an on-site groundwater production well; and
- an approximate 3,000 sq.ft. rectangular corrugated warehouse and office (occupied by Pace Truss Company)

The subject property is located at the northeast corner of the intersection of McDowell Boulevard and Corona Road, within a commercial and residential area.

This Phase I ESA was performed in general accordance with the scope and limitations of the *American Society for Testing and Materials (ASTM) Phase I ESA Standard E1527-2013* (equivalent to the USEPA's All Appropriate Inquiry [AAI] Standard), the scope of work defined in this report, as well as the signed service agreement. Exceptions or deviations from the standard are typically expressed as data gaps, data failure or limitations, which are primarily discussed in Sections II and IV-H. The following summarizes PEI's independent conclusions and best professional judgment based upon information available to us during the course of this Assessment.

Based upon the limited site reconnaissance, historical review, regulatory records review, and other information detailed within this report, this Assessment identified the following evidence of ASTM Recognized Environmental Conditions (RECs) or other issues in connection with the subject property:

- ◆ PEI's research indicates the subject property was initially developed prior to 1942 with industrial uses. City directories indicate the property was occupied by the Corona Feed Mill in 1965. Earlier city directories do not list Corona Road or McDowell Boulevard. According to the 2010 Phase I ESA, the property was previously occupied by the

Pacific Guano Company in 1949 to 1959 (no information source is provided). According to PEI's research, Pacific Guano Feed Company operated in Petaluma. A 1973 aerial photograph indicates the feed mill received raw grain from a railroad spur that came onto the property. Typically, a feed mill operation includes grain elevators and silos, and a steam process that compresses ground feed into pellets. PEI observed evidence of grain silos and elevators in a 1973 aerial photograph. Building permits and process information for the historic feed mill are very limited from the city of Petaluma or Sonoma County for the subject property addresses. It is unknown how steam was produced (e.g., typically boilers fired by fuel), or what hazardous materials were used or waste generated from these operations. The two buildings associated with the feed mill burned down in separate fires. According to interviews with persons familiar with the property, the related building debris was reportedly buried on-site. Buried building materials have the potential for treated wood (creosote) and metal impact (lead based paint), as well the possibility of poly-nuclear aromatic hydrocarbons (PNAs) generated from combustion. It is unknown whether underground vaults, storage tanks, or septic systems currently exist or were abandoned properly. This is a data gap which, if filled, can impact the conclusions of this report. Based on the unknowns associated with former feed facility, a geophysical survey is recommended for the northwestern portion of the subject property to evaluate whether buried debris or other anomalies exist on-site.

- ◆ Building department records indicate a fuel pump and well were permitted for the address 320 Corona in 1964. No additional records were available related to USTs or their contents associated with the subject property. This is a data gap which, if filled, can impact the conclusions of this report. Fire department records indicate that a cardlock diesel fuel facility was permitted at the subject property in 1992 that included ASTs for diesel. This facility was closed in 2005. A photograph from the early-1980s indicates a fuel depot and other ASTs formerly were located on the property. Based on a Phase II completed by Kleinfelder in 2010 and 2011, soil and groundwater beneath the subject property in the area of the former ASTs are impacted with gasoline related constituents (e.g., BTEX, 1,2-DCE and 1,2-DCA). Former fueling activities and resulting soil and groundwater impact are a recognized environmental condition and a vapor encroachment condition. Additional assessment is recommended to evaluate these issues.
- ◆ The property has been used for trucking related business which included truck maintenance, painting and sandblasting since at least the early 1980s. Recent truck repair operations have occurred at the subject property that has resulted in surficial staining with heavy petroleum hydrocarbons. This is a recognized environmental condition.
- ◆ A masonry boiler room was noted near the western border of the subject property. Due to miscellaneous debris in and around the room, ground surfaces were not readily observable. There are no records at the city of Petaluma or Sonoma County related to

this boiler room or how it was fueled (although a gas meter was noted nearby). This is a data gap that, if filled, can impact the conclusions of this report.

- ◆ An approximate 1,650 square foot metal garage/warehouse was locked and inaccessible during the site visit. This structure had sliding door entrances indicating the potential for historic equipment service and repair. An early 1980s photograph indicates the building was occupied by Tom Rose Trucking. The lack of access to this building and other structures on the property is a data gap that, if filled, can impact the conclusions of the report.
- ◆ A railroad right-of-way is located on the northern property boundary. Historically the right-of-way included a spur that ran parallel to the right-of-way and serviced the former on-site feed mill operations. There are several potential environmental risks associated with railroad rights-of-way, including the usage of herbicides, pesticides, petroleum materials and related heavy metals (e.g. arsenic) to maintain the tracks, as well as the potential spillage of hazardous materials from railcars. During the site visit, no obvious evidence of hazardous material spillage or contamination was observed along the section of railway adjoining the subject property, but it has been out of service for many years. Based on the proposed re-development and future soil disturbance planned for the property in the vicinity of the railroad right-of-way, it would be prudent to evaluate the soils in the affected area for potential hazardous constituents.

An Executive Summary Overview is also included in the previous section. However, when making any decisions concerning the findings of this Assessment, please also refer to the remainder of this report, which may present other items of interest that are not discussed in the Executive Summary, or further details regarding the above items. In addition, please refer to the Data Gaps section (IV-H) of this report regarding information that may have been unavailable or incomplete which may have a bearing on the findings or usage of this report.

## **SECTION II.**

### **SCOPE OF WORK & LIMITATIONS**

#### **PURPOSE**

This Phase I Environmental Site Assessment is intended to assist the client regarding one of the requirements for the “innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability” (42 U.S.C. §9601 et seq). Qualification for these limitations is predicated on the assumption that “...the defendant must have undertaken, at the time of acquisition, all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice in an effort to minimize liability...” However, no warranty is made that this report constitutes all appropriate inquiry since numerous other factors, including user responsibilities, are required.

#### **PROTOCOL**

The *American Society for Testing and Materials (ASTM) Phase I ESA Standard E1527-2013* is the most current method used in attempting to perform the due diligence required to achieve the above purpose. The E1527-2013 Standard Practice was created by the ASTM “...in an effort to define good commercial and customary practice in the United States of America for conducting an environmental site assessment...” and is equivalent to the USEPA’s All Appropriate Inquiry [AAI] Standard issued November 1, 2005. The ASTM Standard E1527-2013 is intended to identify recognized environmental conditions (RECs) in connection with a given property. The term recognized environmental conditions is not intended to include “*de minimus*” conditions that generally do not present a material risk of harm and that are unlikely to be the subject of enforcement actions by governmental agencies.

#### **SCOPE OF WORK**

Generally utilizing ASTM Standard Practice E1527-2013, as well as the scope of work discussed below and in the signed work authorization document (including all conditions and limitations therein), this Assessment involved: A site reconnaissance of the subject property, limited observations of adjoining properties, a review of the historical usage of the subject property, and a review of readily available relevant documentation provided by various public and private sources (including the client and/or owner of the subject property) to identify conditions indicative of releases or threatened releases of hazardous substances, as defined in CERCLA Section 101 (14) U.S.C. § 312.1(c) to evaluate the presence or likely existence of:

- ◆ Recognized environmental conditions, specified by ASTM E1527-2013 as: “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to a 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.”

- ◆ A brief and general evaluation of limited other potential environmental issues, including: suspect asbestos-containing materials, lead-based paint, polychlorinated biphenyls, and radon gas. No lab analyses, quantification, or in-depth observations or discussion will be performed.

## LIMITATIONS

In addition to the limitations described in this report, it is also subject to the terms and conditions of the service agreement with the Client, and related engagement or subsequently provided information, if applicable. As discussed in ASTM E1527-2013, no Phase I ESA can eliminate uncertainty regarding the potential for RECs in connection with a property. This investigation is simply intended to reduce uncertainty within reasonable limits of time and cost.

Refer to Section VI-A for a brief discussion of some (but not necessarily all) specific limitations to PEI's subject property observations at the time of the site visit. The observations contained within this Assessment are based upon conditions readily observable during the site visit. These observations are typically unable to address conditions of areas not inspected, hidden from view, subsurface soil, groundwater, soil vapor, USTs, neighboring properties, and the like, unless specifically mentioned. It is not the purpose of this Assessment to determine the actual presence, or extent of contamination (if any) at the subject property. Unless specifically noted within this report, this Assessment does not include evaluation, observations, testing, or sampling to address groundwater, soil, or extraneous materials contamination (including mold and/or bio-hazardous/medical waste issues) in or on the subject property. PEI is not providing geological interpretations or recommendations. Potential Vapor Intrusion issues from on or off-site sources are not evaluated. Electromagnetic issues (e.g., high-voltage power lines) or radiologic issues (e.g., X-ray usage, other radiation emitting items) are also not included. This Assessment does not include or address reasonably ascertainable environmental liens recorded against the subject property, unless stated. A regulatory compliance audit or health and safety review are not included.

PEI makes no warranties or guarantees as to the accuracy or completeness of information obtained from or compiled by others. Information may also exist which was beyond the scope of this investigation, or was not provided to PEI that may have an impact on the conclusions of this Assessment. This Assessment does not attempt to address past or forecast future site conditions. PEI also cannot forecast or be responsible for changes in regulatory guidelines or protocols, industry standards or the like, which may affect the conclusions and/or future usage of this report.

This Assessment has been conducted and prepared in accordance with generally accepted practices and procedures exercised by reputable professionals under similar circumstances. PEI makes no other warranties or guarantees, either expressed or implied, as to the findings, opinions, or recommendations contained in the report, or as to the existence or non-existence of RECs or other issues at the subject property.

### **SECTION III.**

#### **GENERAL SITE DESCRIPTION**

PEI was retained by Lomas Partners (Client) to perform a Phase I Environmental Site Assessment (Phase I ESA or Assessment) of a site located at 890 North McDowell Boulevard in Petaluma, California. The site visit was performed by the person whose signature appears in first position on the signature page (Section X of this report). At the time of the December 21, 2016 site visit, the subject property consisted of an approximate 6.56-acre parcel of land, occupied by several businesses related to trucking/transportation including Moga Transportation (a refrigerated dairy trucking company), AJR Trucking (a postal contractor), Jim Todorovitch Paving, and Walt Price Truss Company. Buildings on the property included the following (generally from northwest to southeast):

- a small office building and adjoining restroom/shower locker room (addressed 320 Corona, occupied by Moga Transport, Inc);
- an approximate 1,650 sq.ft. rectangular corrugated metal warehouse/garage building (locked, occupant unknown);
- an open sided truck repair building with attached masonry shed (locked, signage indicates Carlos Truck Repair);
- a well house shed covering an apparent groundwater well; and
- an approximate 3,000 sq.ft. rectangular corrugated warehouse and office (occupied by Pace Truss Company, locked)

The subject property is located at the northeast corner of the intersection of McDowell Boulevard and Corona Road, within a commercial and residential area.

The initial site visit was performed on December 21, 2016 by public access methods, and the PEI Assessor was unaccompanied. During the second site visit on January 25, 2017, PEI was accompanied by former occupant and part owner of the property, Mr. Larry Drew.

According to the Client, the current ownership of the property purchased the property in “as-is” condition in a foreclosure sale and is unaware of the historic operations of the property other than the existence of prior reports discussed in Section III-A below. Therefore, no “Key Site Manager” was specifically identified. As defined by ASTM E1527-2013, the Key Site Manager is that person having good knowledge of the uses and physical characteristics of the subject property, and in a position to provide reasonably accurate information for the Key Site Manager Environmental Questionnaire (and this person may or may not be the property owner). Due to this, the Key Site Manager Environmental Questionnaire was not completed. A blank copy of the questionnaire is included in the appendix of this report. However, PEI performed interviews with former occupants of the property, Mr. Larry Drew and Mr. Alan Mahoney, and their interviews are included in Section IV-F.

Since PEI was successful in obtaining a substantive interview with a prior owner/occupant of the property, the interview section of the Phase I ESA is deemed complete per ASTM E1527-13 (Section 10.7.2).

## A. CLIENT PROVIDED INFORMATION

As discussed in ASTM E1527-2013, the User (e.g., Client) is required to perform certain tasks or provide certain information to PEI in order to identify potential RECs. Tasks or information to be provided by the Client/User include: 1) review of judicial and title records for environmental liens, environmental deed restrictions or activity and use limitations (AULs); 2) provide specialized, actual, commonly known or reasonably ascertainable knowledge regarding the property; and, 3) identify reasons for a significantly lower purchase price (if applicable).

The Client has not provided or reported to PEI any information which indicates the subject property is being sold, purchased or valued at a significantly reduced price due to outstanding environmental issues. Nor has the Client or Key Site Manager provided or reported to PEI information indicating a specific knowledge of RECs, historic RECs, Environmental Liens, Activity and Use Limitations, or Environmental Deed Restrictions related to the subject property.

However, PEI was not privy to the original purchase price versus valuation metrics of the property by the current owner or seller (as applicable), and therefore cannot evaluate this parameter. The Client/User of this report may wish to perform such an evaluation.

It should be noted that because the report User (Client) is a prospective purchaser, it is understood that the report User would likely not have significant knowledge of the subject property that would impact our ability to satisfy the objectives of this Assessment. Given the limitations of the Client knowledge, the lack of this information is not considered a significant data gap.

As discussed in Section IV-G, the Client provided PEI with a *Preliminary Title Report* dated July 14, 2015 for the subject property issued by First American Title Co. No obvious issues that would significantly environmentally impact the subject property were noted from this review. In addition, neither environmental liens, environmental deed restrictions, nor activity or use limitations related to environmental issues were specifically listed.

Previous environmental documentation concerning the subject property which was provided to PEI by the Client includes the reports discussed below:

### February 9, 2010 - Phase I ESA issued by Camp Dresser McGee (CDM)

CDM completed a Phase I ESA for Sonoma Marin Area Transit District (SMART). That report concluded the following (directly excerpted):

CDM has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527 for 890 North McDowell Boulevard in Petaluma, California (APN 137-061-019). Exceptions to, or deletions from, this practice are described in Section 1.4 of this



report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except for the following:

- Based on the age of the existing buildings located onsite (present since at least 1944) there is a potential for lead-based paint and asbestos containing materials to be present in the buildings and the soils surrounding the structures.
- A corrugated metal warehouse with an attached boiler shed contained two oil fired boilers. There is no information available on the storage and handling practices of fuel oil that was likely used in the boilers. If underground storage tanks were used it is possible that the tanks may remain in-place at the subject property.
- There is a potential for the historical use of pesticides, and herbicides for maintenance activities such as vector control and weed control at the adjacent railroad tracks and due to the proximity may have resulted in the release of these chemicals to the soil at the subject property.
- Subsurface piping associated with former commercial fueling operations associated with Royal Petroleum may still be present near the three inactive ASTs, two of which were used to store diesel fuel present at the subject property. Closure documents from 2005 indicate that dispensers were removed and tanks were cleaned and degassed, but contain no record of subsurface piping removal or of soil or groundwater sampling.
- Former manufacturing operations at Stringer Sportswear at the subject property present a potential for release of process water to the subsurface through release to the storm drain. The process wastewater was reportedly to be re-routed to an existing septic tank. The nature of the process water that was released, the location of the release and the location of the septic tank mentioned is unknown. The unknown manufacturing operations, with unknown associated chemicals and known releases is a REC.
- Former manufacturing operations at Pacific Guano Company at the subject property present a potential for release of fertilizer or fertilizer ingredients to the surface soil and the subsurface including soil and groundwater. The location of the fertilizer company and the former presence of a fertilizer handler and processor is considered a REC to the subject property and merits further investigation.
- The presence of a RCRA hazardous waste transporter (V Dolan Trucking) onsite with few details known pertaining to their waste handling practices presents a potential for hazardous waste release to the subject property soil and groundwater.
- The existing truck scale with four manholes may contain a hydraulic lift mechanism. The condition of the mechanism, which may contain a subsurface hydraulic oil reservoir, is not known and represents potential threat to the subsurface. Additionally, six 55-gallon drums stored in the adjoining concrete block building represents an environmental concern.
- The presence of an apparent well, identified during site reconnaissance, poses a REC to the subject property. The well may serve as a vertical conduit for surface spills or contaminants to reach groundwater. The well also may have been used for waste disposal or may have been impacted by a spill in the building where it is located.

- The potential existence of an environmental lien, as reported by Ms. Robin Drew in the AAI Questionnaire responses is considered a REC. A review of EDR's search of environmental liens or any AULs associated with the subject property did not indicate any environmental liens or AULs. This is considered both a data gap and a REC.
- The reported onsite spills or chemical releases as indicated by Ms. Robin Drew in the AAI Questionnaire responses is considered a REC. EDR and agency review did not reveal the subject site to be the site of a current or former cleanup action or spill response. This unknown spill or chemical release is considered both a data gap and a REC.
- A total of four offsite RECs were identified through environmental database review. Two LUST sites (J & D Automotive and Office Helper) within 0.5 miles of the subject property were identified to be up or cross gradient of the subject property with remediation or remediation verification ongoing. Two other historical UST located at properties near or immediately adjacent to the subject property (City of Petaluma Fire Station Number 2 and William Brody at 360 Corona Road) were identified as RECs due to proximity (0.003 miles and 0.03 miles respectively), up gradient locations and lack of current information regarding site USTs.
- The vault or stormwater inlet identified during site reconnaissance also represents a REC to the subject property. The semi-covered opening also presents a potential vertical conduit for surface spills to reach subsurface soil or groundwater and merits further soil and groundwater investigation.
- Lumber operations conducted at the southern portion of the subject property associated with the "Price Building" may involve use of wood preservatives and/or spray painting operations which may represent a data gap and a potential REC.

CDM recommended the following (directly excerpted):

Based on the results of this ESA, if SMART wishes to proceed with this acquisition, CDM recommends further investigation consisting of limited soil and groundwater sampling and analysis to evaluate if the subsurface has been impacted from past operations. The detailed sampling and analysis plan should be included in a work plan. A lead-based paint survey and asbestos-containing material survey of building material should be conducted of onsite historical buildings. Surface soil samples from locations adjacent to current and former buildings should also be collected and analyzed for the presence of lead.

CDM stated in the report one of the property owners, Robin Drew, indicated that a prior Phase I Environmental Site Assessment and Limited Phase II Environmental Site Assessment had been conducted on the property. However, the owner declined to provide copies of the prior reports to CDM.

September 2010 – Phase II ESA, prepared by Kleinfelder Inc, for SMART

Subsequent to the Phase I ESA by CDM, Kleinfelder Inc (Kleinfelder) was retained by SMART to complete a Phase II ESA by on the subject property. The scope of work was based on the CDM report and included 10 borings on the subject property including 5 borings to 5 feet below ground surface (bgs) and 5 borings to 25 feet bgs using direct push sampling methodologies. Groundwater was encountered and sampled in the 25 soil borings. 36 soil and 5 groundwater samples were submitted for laboratory analysis for: total petroleum hydrocarbons for gasoline and diesel range organics (TPH-g, and TPH-d); volatile organic compounds and fuel oxygenates via EPA 8260; LUFT metals (Cr, Cd, Pb, Ni, and Zn) by EPA Method 6010; Creosote by EPA Method 8270; and Herbicides by EPA Method 8151. Kleinfelder noted strong petroleum odors in soil in Boring 4 located east of the storage tanks from a depth of 5 to 20 feet bgs.

Soil concentrations of TPH in the gasoline and diesel range were noted in several of the borings. The highest concentrations of TPH-g were noted in B-4 (e.g., up to 8,700 mg/Kg at 9.5 feet bgs). TPH as motor oil was detected several borings, but below environmental screening levels (ESLs) of 2,500 mg/Kg. Chlorinated herbicides and creosote were not detected. VOCs were not detected above screening levels with the exception of Boring 4.

Groundwater impact was discovered in four of the five groundwater samples. Of these groundwater samples, only W-4 indicated concentrations that were considered above ESLs of the following constituents: TPH-g (8,000 ug/L); Naphthalene (18 ug/l); ethylbenzene (100 ug/L), xylenes 76.3 ug/L). No other constituents were above ESLs.

Based on the data, Kleinfelder recommended additional assessment in the area of Boring 4 to assess extent of petroleum hydrocarbon impact. Kleinfelder also recommended sampling in the area Boring 3 in a noted on-site flush mounted groundwater monitoring well.

Kleinfelder requested an Environmental Liens research be conducted by EDR and no environmental liens were reported for the subject property.

January 19, 2011 - Phase II Soil and Groundwater Investigation, prepared by Kleinfelder for SMART

Five additional borings (Borings 11 – 15) were completed in November 2010 using direct push methodologies. Twenty-five soil samples and five groundwater samples were collected from each of the five borings. Samples were analyzed for TPH-g, TPH-d, MTBE, VOCs, and LUFT 5 metals (Cd, Cr, Pb, Ni, and Zn). Petroleum hydrocarbon odors were noted in Borings 11 and 12, located northeast and southeast of the ASTs.

Concentrations of 1,2-dichloroethane (1,2-DCA) was noted in soil samples in Borings 11 and 13 above ESLs. 1,2-DCA was also noted in groundwater samples above ESLs in Borings 4, 5, 8, 11, 12, 13, and 14 at concentrations significantly higher than the ESL of 0.5 ug/L (e.g.,

170 ug/L in Boring 13). 1,2-DCA was historically used as an anti-knock agent for leaded fuels and is also used as a degreasing solvent and paint remover.

TPH-d was noted in groundwater at a concentration of 500 ug/L in Boring 3. Kleinfelder presumed this concentration was related to the LUFT case as J&D Automotive due to its proximity to the groundwater monitoring well (and TPH-d was not detected in other on-site groundwater samples).

Concentrations of nickel and cobalt were noted in some water samples at concentrations above ESLs.

Kleinfelder recommend SMART and the property owner approach Sonoma County Department of Environmental Health and/or San Francisco Bay Regional Water Quality Control Board to assess the need for cleanup action of the groundwater at the subject property.

The above discussion is only a brief summary of the information that is found in the full report(s) listed above. The report(s) should be read in their entirety to obtain a more complete understanding of the information provided, and to aid in any decisions or actions that may be made or taken based on that information. PEI assumes the information in the report(s) is accurate, unless specifically stated.

No other previous environmental documentation (Phase I ESAs, Phase II ESAs, etc.) concerning the subject property was provided to PEI or reported to exist by the Client or Key Site Manager. It is possible information contained in prior reports (if any) could change PEI's conclusions or recommendations herein. If previous environmental documentation becomes available to the Client or subject property owner, a copy should be provided to PEI for review. PEI reserves the right to alter its conclusions herein based upon such new information.

In addition, as discussed in ASTM E1527-2013, information previously reviewed by another consultant is not required to be re-researched or verified as long as that information is believed to be accurate and completed in accordance with the AAI procedures and is not contradicted by new documentation. In the preparation of this report, PEI may have used certain information presented in the previous report(s), with new research performed where appropriate. Reference is provided in the relevant section where such information is used.

## **B. ADJOINING AND ADJACENT PROPERTIES**

As discussed in ASTM E1527-2013, an adjoining property is any real property whose border is contiguous or partially contiguous with the subject property, or would be if the properties were not separated by a roadway, street or other public thoroughfare. For the purposes of this report, an adjacent property is any real property located within approximately one block or less of the subject property's border.

Specifically, the subject property is bordered by the following:

North	Immediately by a railroad right-of-way, then by a residence (northwest), vacant pasture land (north and northeast), then further by a light industrial facility (Beauchamp's Welding, 360 Corona).
East (Southeast)	Immediately by drainage culvert, then by a vacant parcel (fronting McDowell) and single family dwellings.
South	Immediately by McDowell Boulevard, then by an automotive repair (297 Corona) and muffler businesses (967 McDowell), residence, and mobile home park (911 McDowell).
West	Immediately by Corona Road, then by a paved parking lot for a U.S. Post Office, then by a commercial-use property.

### C. USGS TOPOGRAPHIC MAP

The subject property's physical setting was researched employing a United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (Quad) Map relevant to the subject property. The USGS 7.5 Minute Quad Map has an approximate scale of 1 inch to 2,000 feet, and shows physical features such as wetlands, roadways, mines, and buildings. The USGS 7.5 Minute Quad Map was used as the Standard Physical Setting Source, and is sufficient as a single reference. A copy is included in the appendix.

The Cotati, California Quad Map (dated 1980) shows no physical features that are likely to environmentally impact the subject property. The subject property is identified as a triangular parcel occupied by five structures including: three "black" (older structures, including office building at 320 Corona), two "pink" more recent structures (including a metal warehouse/garage building east adjacent to the office), and a black bordered structure in the location of the current truss building. The east-southeastern border of the property is noted by a blue line creek that traverses north to south. Railroad tracks border the property to the north. McDowell Boulevard terminates at a Corona Road. No mines, wells, aboveground storage tanks, or wetlands were depicted in the immediate area of the subject property. The elevation of the subject property is approximately 30 feet above mean sea level with a slight topographic gradient to the south.

The subject property is located in the Petaluma Valley, which is part of the Coast Ranges geomorphic province. The Santa Rosa Valley is underlain by the Glen Ellen and Merced Formation and bounded by the Sonoma Mountains to the east and the Helen-Sugarloaf Ridge Zone to the west. The shallow surface consists of alluvium and fan deposits. The nearest large surface water body is the Petaluma River. The Petaluma River lies less than ½-mile from the subject property to the southwest. According to topographic maps, a small intermittent stream is located along the southern boundary of the subject. Due to access issues this creek was not observed during the site reconnaissance.

## **D. GENERAL HYDROGEOLOGIC CHARACTERISTICS**

According to subsurface work completed by Kleinfelder in 2010, borings indicated the site is typically underlain with several feet of fill material, composed of poorly graded fine grained sands and silts with coarse grained sand and fined to medium gravels. Clays of vary plasticity typically were found beneath the fill material, with interbedded silty clay and sandy clay intervals. Flowing groundwater was not encountered at a specific depth within the bore holes completed, so each boring was kept open to assess groundwater would accumulate. Kleinfelder assumed groundwater flowed southwesterly toward the Petaluma River at a depth of approximately 25 feet bgs.

According to information obtained from the State Water Resources Control Board's on-line Geotracker database ([www.geotracker.swrcb.ca.gov](http://www.geotracker.swrcb.ca.gov)), the closest LUST site with available on-line groundwater data (J&D Automotive at 278 Corona Road, located approximately on the southern adjoining property across McDowell) indicates a reported depth to first groundwater of approximately 6 to 8 feet below ground surface in developed monitoring wells. The available on-line data also indicates a general southwesterly direction of groundwater flow at that site. However, local groundwater can be influenced by several factors, and may not conform to the reported nearby pattern. Shallower groundwater zones may also occur. Please note that PEI is not providing geological interpretation or recommendations in this Assessment.

## **SECTION IV. HISTORICAL REVIEW**

The site historical review is used to develop an understanding of the previous uses of the subject property and surrounding area in an effort to identify the likelihood of past uses, or activities having environmentally impacted, the subject property. The historical review consisted of a search of various public and private Standard Historical Sources, as detailed in the sections below.

As defined by ASTM E1527-2013, a Standard Historical Source is considered complete if the information contained within the source identifies all uses of the subject property from the time the property was first used for residential, agricultural, commercial, industrial or governmental purposes. Ideally, the information should be available in either five-year intervals or site milestone events (i.e., initial construction activities, demolition activities, etc.). However, available public and private historical sources do not always fulfill this goal, in which case, the closest approximation is made based upon the sources readily available at the time of historical review.

***Historical Review Summary:*** From the historical information review discussed below, PEI concludes that the subject property was developed prior to 1942 with at least three industrial structures along the northwest boundary of the property that were utilized by a feed mill (initially Pacific Guano). Additional smaller structures were added to the central portion of the property in the 1970s. The large industrial buildings were not visible in a 1993 aerial photograph due to an apparent fire that that was reported at the subject property which caused the razing of the structures prior to that time. Since the 1990s, the property has primarily been used for trucking related businesses. With the exception of the southwestern adjoining commercial property, most of the neighboring properties were agricultural land with scattered residences from the 1940s through 1970s. Increasing commercial and residential development was noted from the 1970s to present.

No dry cleaners, gasoline stations, major landfills, military bases, or heavy industrial businesses were identified on the subject property.

### **A. AERIAL PHOTOGRAPH REVIEW**

Aerial photographs were reviewed to evaluate past land-use patterns of the subject property and vicinity. The photos were supplied by Environmental Data Resources, Inc. and provided by the GoogleMaps website. Copies of representative aerial photographs are included in the Site Maps appendix. This review revealed the following:

- 1942: The subject property is occupied by three structures including a large industrial structure on the northwest corner at the intersection of Corona Road and the railroad right-of-way (ROW) and another larger industrial building located to the east along the ROW. A smaller building is located south of the larger building in the location of the current metal rectangular garage/shed.

The remainder of the property is undeveloped. North-northeast: immediately by agricultural-use land, then by residential-use properties. Southeast: immediately by agricultural land usages. South: immediately by apparent farming related structures, then by agricultural land. West-northwest: immediately by Corona Road, then by agricultural land.

- 1952: The subject property is occupied by three structures noted in the 1942 aerial photograph. Additional structures have been developed including the office building (currently occupied by Moga Transport), the well house building and a rectangular metal building in the location of the current truss assembly building. The remainder of the property is undeveloped. Conditions at the adjoining properties appear similar to those observed in the previous aerial photograph, with the exception of somewhat greater development in the general area to the south of McDowell Boulevard.
- 1968: The resolution of this aerial photograph is poor. The larger building at the corner of Corona and the ROW appears to no longer exist at the property. The other buildings noted in the 1952 aerial photograph remain. Conditions at the adjoining properties appear similar to those observed in the previous aerial photograph, with the exception of somewhat greater development in the general area.
- 1972: The subject property is occupied by industrial structures on the railroad ROW including (west to east): a large industrial structure on the northwest corner at the intersection of Corona Road and the railroad right-of-way (ROW); a grain elevator/silo complex; and another larger industrial building. To the south of these larger industrial buildings are smaller buildings including (west to east): a small office building; a rectangular warehouse building; the well house, a small shed, truck scale house; and a rectangular building (currently used by a truss company). The remainder of the property is undeveloped. North-northeast: immediately by agricultural-use land, then by residential-use properties. Southeast: undeveloped land. South: commercial development at southeast corner of McDowell and Corona Road (southwest), and vacant land (southeast) West-northwest: immediately by Corona Road, then by vacant land.
- 1982: The building located east of the grain elevator/silos has been demolished. The rest of the subject property appears similar to as noted in the 1972 aerial photograph. However, a dark "L-shaped" drainage pattern is noted from the approximate current location of the well house and former ASTs, that extends onto the southcentral portion of the property. Conditions at the adjoining properties appear similar to those observed in the previous aerial photograph, with the exception that McDowell Boulevard has been extended to the west past Corona Road and a mobile home park has been constructed on the southeast adjoining property across McDowell Boulevard.



- 1993: The industrial buildings on the northwest portion of subject property are no longer visible. The smaller structures noted south of the former industrial buildings including the office, rectangular warehouse, pump house, scale house, and central rectangular building remain. Numerous vehicles/trailers are parked in the location of the former industrial buildings on the northwest corner of the property. Conditions at the adjoining properties appear similar to those observed in the previous aerial photograph, with the exception of somewhat greater development in the general area.
- 2005: Significant additional truck parking is noted on the subject property and six covered structures are noted north of the central metal building associated with the truss assembly operations. Conditions at the adjoining properties appear similar to those observed in the previous aerial photograph, with the exception of somewhat greater development in the general area to the west.
- 2006, 2009, 2010: Conditions at the subject property and the adjoining properties appear similar to those observed in the previous aerial photograph, with the exception of somewhat greater development in the general area.
- 2015: The subject property is occupied by the structures and uses similar to that observed during the site visit. The surrounding land usage is also similar to that observed during the site visit.

## B. BUILDING PERMIT REVIEW

In an effort to evaluate the official construction and demolition history of the subject property, PEI reviewed city of Petaluma Building Department (PBD) and Sonoma County Permit & Resource Management Department (SCPRMD) records for the subject property addresses. The following information was obtained:

<b>BUILDING PERMIT REVIEW</b>			
<b>Address</b>	<b>Permit #</b>	<b>Date</b>	<b>Permit Description</b>
890 N. McDowell	2001540	3-23-2001	Electrical permit for 3' x 3' metal pedestal for Pac Bell equipment
320 Corona Road	9365	11/3/1964	Permit for petroleum pump and well
	4185	6/3/1980	Plumbing permit for gas test and meter
	n/a	6/29/1983	Letter from city of Petaluma to American Towing stating that "the number of wrecked automobiles is growing on-site and is visible from McDowell Boulevard. The city would write up a formal complaint if needed.

n/a	8/31/84	<p>File Memo – Notes the old feed mill building was destroyed by fire “a few nights ago” was used for commercial warehousing. The building was divided into three areas for three different tenants – a painting contractor, a drug store, and an individual who stored tons of old and used clothing. The mill is not operative and has been undergoing demolition for months.</p> <p>Balestiri &amp; Holmes Transportation have an office in front, a scale and scale office, refueling pumps and a parking area at the rear of the property. American Towing is located near the rear of the property and stores junk “non-operative vehicles”. All users of the property are in violation unless the owner can prove some legal non-conforming use.</p>
n/a	4/25/1985	Letter to Clinton Gow – Violations of County Code for: illegal truck terminal including scales and fueling pumps; illegal auto repair and body work including spray painting; non-operative vehicle storage yard; illegal junkyard; and illegal flower sales.
n/a	6/10/1985	Letter to Sonoma County Planning Department from Royal Petroleum Company (Harold Mahoney) – Noes from the letter indicate “for over 30 years I have served it with petroleum products and truck tires and other services. The property has been used for commercial uses for the 50 years I remember it as a feed mill, hay sales and trucking operation.”
n/a	6/13/1985	Resolution for Zoning Adjustments – Legal non-conforming uses include: parking of trucks, fueling and scales for trucks, and routine maintenance of trucks not to include major overhauls and bodywork. Excluded uses include: loading/unloading of trucks, storage of cargo containers and non-operative vehicles, sandblasting and painting of trucks and equipment, non-routine truck maintenance.
n/a	1/13/1988	Letter to Mr. Harold Mahoney from Sonoma County Public Health Department for unlawful sewage discharge at 320 Corona Road from a malfunctioning private sewage disposal system.
n/a	4/28/1988	Inspection memo notes the zoning violations have been resolved.
n/a	9/28/1992	Letter complaint – process wastes connected to storm drain for Stinger Sportswear (no business license). A sink used to wash off screens was connected to storm water drain. October 2, 1992 notes: Waste connection directed to city sewer. October 16, 1992 notes: inspected by city.

	9300	4/23/1993	Permit to attach subdivision direction panel to existing kiosk structure
	98001604	4/17/2001	Letter to Larry Drew Backhoe Service regarding permit to hook up existing office to city sewer. Permit not finalized. Owner listed as Clinton & Patricia Grow. Permit date 6/18/1998

No permits prior to 1964 were available through the city of Petaluma. In addition, no demolition permits were available for the former Corona Feed Mill structures that were reportedly damaged in a fire.

PEI completed a request for building permits through Sonoma County Permit & Resource Management Department online. PEI notes that the description of each permit was limited and often abbreviated and therefore the discussion below includes the abbreviations and noted. Eight expired permits for this subject property address were noted between 1968 to 1988 for items as follows:

addition (1968); tanks/bin (1969); feed bins (1969); scale fou (1972); elec misc (1979); upgrade electri (1986); second elec met (1986); survey (1988).

Four finalized permits were noted as follows:

Permits noted as finalized included: building w/o PE (1986); m/h w/o perm (1988); elec upgrade (4/1988); elect (5/1988).

Although information concerning tenant improvements, alterations and other miscellaneous modifications for the existing development was located during the research, this data did not contain information relevant to this Assessment. Other than the documents listed in the table above, no past demolition or underground storage tank (UST) permits for the subject property were located as a result of this search; although petroleum dispensing operations have occurred since at least 1964 (e.g., petroleum pump) according to a permit noted in the file above.

In a further effort to evaluate the development history of the subject property, PEI reviewed Sonoma County Assessor's (SCA) information obtained from the SCA's website. Review of this information indicated the Assessor's Parcel Number for the subject property is 137-061-019-000; the parcel consists of 6.56 acres; and the Property Type/Use Code is identified as industrial. The property was last transferred in December 2012 through Deed of Transfer (no names provided). No other information significant to this report was obtained from the Assessor's data.

### **C. SANBORN FIRE INSURANCE MAP REVIEW**

PEI attempted to review Sanborn Fire Insurance Maps for the area of the subject property as provided by EDR. Sanborn Maps are detailed drawings that show the location and use of

structures on a given property during specific years. These maps were originally utilized by insurance companies to assess fire risk, but are now utilized as a valuable source of historical and environmental-risk information. However, according to EDR, no maps were available for the subject property.

#### D. CITY STREET DIRECTORY REVIEW

PEI reviewed available historical city street directories at the Petaluma Public Library in Petaluma, California and/or other sources, in an effort to evaluate the prior uses and occupancies of the subject property. City street directories list property occupants by address, allowing an historical search of tenants on the subject property. That review revealed the following information:

<b>SUBJECT PROPERTY DIRECTORY REVIEW</b>		
<b>Address</b>	<b>Date</b>	<b>Tenants Listed</b>
320 Corona Road	1926, 1930, 1939, 1947, 1954, 1960	Corona Street not listed
	1965, 1970, 1974	Corona Feed Mills
	1980	Corona Industrial Center (Drywall, Artist Lettering, Armstrong Cabinets, Associated Freight Lines, Roofing Unlimited).
	1983	Corona Industrial Center (Rawson Drug & Sundry, Pneumatic Tools of N.Cal., Associated Freight Lines, Roofing Unlimited).
	2004, 2010	Address not listed
890 McDowell Boulevard	1926, 1930, 1939, 1947	McDowell not listed
	1947, 1954, 1960	McDowell doesn't extend to 800 block
	1965, 1970, 1974, 1980, 1983, 2003, 2010	Address not listed

<b>NEARBY PROPERTY DIRECTORY REVIEW</b>		
<b>Address</b>	<b>Date</b>	<b>Tenants Listed</b>
278 Corona (south adjoining)	1926, 1930, 1939, 1947, 1954, 1960	Corona Street not listed
	1965, 1970, 1974, 1980, 1983	Jo Lorenz Auto Repair
	2003, 2010	J&D AUTO REPAIR

Note that a data gap exists from the source reviewed for the years 1984 to 2002.

## E. HISTORICAL TOPOGRAPHIC MAP REVIEW

In a further effort to evaluate the prior uses of the subject property, PEI reviewed historical topographic maps covering the subject property area, which were obtained by PEI from a publicly available on-line source. That review revealed the following information:

- 1916, 1927: The subject property is occupied by three structures on the north portion of the property including a large industrial structure on the northwest corner at the intersection of Corona Road and the railroad ROW, and two smaller structures along Corona Road. A railroad ROW is noted along the northern border. The remainder of the property is undeveloped. North-northeast: immediately by structures fronting Corona, and undeveloped land. Southeast: immediately by undeveloped land. South: immediately by undeveloped land with one structure (likely dwelling). West-northwest: immediately by Corona Road, then by two structures.
- 1944, 1951: The subject property is occupied by three structures in similar locations as noted in the prior topographic maps, however, the central structure appears expanded into a longer rectangular building.
- 1955: The subject property is occupied by four structures, including a large industrial structure on the northwest corner at the intersection of Corona Road and the railroad right-of-way (ROW), and another industrial building is located to the east on the ROW. A smaller building is located south of the larger building in the location of the current office building, and the central rectangular metal building is noted. The remainder of the property is undeveloped. North-northeast: immediately by residential land and larger warehouse like structures, and vacant land. Southeast: immediately vacant land and scattered dwellings. South: immediately by McDowell and small structures. West-northwest: immediately by Corona Road, then by undeveloped land.
- 1969, 1975: Conditions at the subject property and the adjoining properties appear similar to those observed in the previous topographic map, with the exception that a new structure is noted adjoining east of the office building in the area occupied by the metal garage/warehouse. Additional development is noted to the south across McDowell Boulevard.
- 1980: Conditions at the subject property and the adjoining properties appear similar to those observed in the previous topographic map, with the exception that a new small structure between the two larger warehouse/industrial buildings on along the railroad ROW.

## F. INTERVIEWS

As specified in ASTM E1527-2013, interviews will be conducted with parties including present land owners and occupants, past land owners and occupants, and adjoining property owners, as appropriate and as available. PEI interviewed the following parties during the course of this Assessment:

### Mr. Alan Mahoney, Former Occupant, Truss Company Operator

PEI interviewed Mr. Alan Mahoney, a former occupant of the property from 1989 to 2014. Mr. Mahoney operated the truss construction company out of the central metal building. Mr. Mahoney stated that he retired and sold the business to Walt Price who currently occupies that building and is in the same business. Mr. Mahoney indicated that he plumbed power and air underground for the truss construction stations observed during the site reconnaissance. To his knowledge, the central metal building is on city sewer and does not use septic tanks. Mr. Mahoney recalled the property was formerly the Corona Feed Mill (owned by the Nissen family). He recalls the property made chicken and dairy feed and had grain silos and elevators pits. The business received bulk feed from railroad cars via a spur onto property. The facility burnt down in the late 1950s and early 1960s, and he recalled that they dug a hole and buried the debris on-site. He stated that he would not be surprised if metal and burned wood debris were discovered during grading to depths of approximately 5 to 6 feet (down to groundwater which he recalled was pretty shallow). Mr. Mahoney stated that after the fire the property was owned by the Epping family of Eppy's RA Feeds. The Epping family is now located in the Tule Lake area. Their daughter and son Patty Gow inherited the property. He believed that the city of Petaluma paid money to acquire some of their property to widen McDowell Boulevard; but the city then invoiced the family for the McDowell improvements, which caused a financial burden on the family. He also believes that Mr. Larry Drew assisted the family to prevent foreclosure. Prior to the Corona Feed Mill, the property was occupied by Pacific Guano. He recalled there was one groundwater well on the property. He recalls the fueling operation, but does not recall any releases associated with the ASTs.

### Mr. Larry Drew, Former Part Owner & Occupant

PEI interviewed Mr. Larry Drew, a part owner and occupant of the property. Mr. Drew stated that he and his wife (Robin) were part owners of the property with Clinton & Patricia Gow until 2012. Mr. Drew provided PEI with an aerial photograph of the site from the approximate early 1980s (included in the appendix). Mr. Drew stated the southern portion (along McDowell Blvd) and southeastern portion (toward the creek) were undeveloped land. Mr. Drew stated that the property was previously occupied by Corona Feed Company and Pacific Guano before that. He stated that both mill buildings burned down in separate fires. He indicated that his company (Drew Backhoe) had bid to haul and dispose of the building debris off-site; however, the burned building debris was disposed of on-site in large excavations (estimated at 60 x

90 feet, and 9 feet deep), then covered with soil. During his time of occupation, he recalled doing some excavation to install a septic tank on-site and he remembered unearthing three 55-gallon drums of waste oil and other burned building debris. He also recalled installing trenching for a sewer line and encountering significantly petroleum stained and odorous soils. Mr. Drew indicated that there were former fuel ASTs containing gasoline on-site. He did not specifically recall USTs on-site, but stated that there may have been some historically. Mr. Drew stated that while he owned the property, Centex Homes reportedly was in contract to purchase the subject property. Centex reportedly completed a Phase I ESA and Phase II subsurface assessment on the subject property. He recalls the reports were voluminous (e.g., 8-inches thick), but did not recall the conclusions or recommendations. He had been given copies of those reports and has given them to his attorney as part of a legal proceeding. He indicated that those reports have not been returned to him and he was not able to provide them for review as of the date of this assessment [these missing reports are a data gap].

Mr. Kim, Anderson Pump & Well

PEI interviewed Mr. Kim (no last provided) of Anderson Pump & Well which was noted as the service company on signage for the well. He estimated that the well and pump equipment is quite old (e.g., > 60 years). He indicated that it is likely 200 to 250 feet deep. Kim noted the property was formerly a feed mill that that burned down quite a while ago. The feed mill used a steam reservoir to create pellets to cattle feed. He stated the property was cleaned up and has been used as trucking yard since.

PEI was not able to successfully contact another historic property owner, Ms. Patricia Gow, as of the date of this assessment. Since PEI was successful in obtaining a substantive interview with a prior owner of the property, the interview section of the Phase I ESA is deemed complete per ASTM E1527-13 (Section 10.7.2).

## **G. RECORDED LAND TITLE RECORDS**

As specified in ASTM E1527-2013, recorded land titles are records usually maintained by the municipal or county recorder of deeds which detail ownership fees, leases, land contracts, easements, and other encumbrances attached to or recorded against the subject property. Due to state land trust regulations and laws, land-title records typically only provide trust names, owner's names, or easement holders, and not information concerning previous uses or occupants of the subject property. Therefore, this Assessment has relied upon other standard historical information sources which are typically more informative than recorded land titles. The Client also has not provided an environmental liens/activity usage limitation search for PEI's review, or requested that such a search be performed by PEI. According to the ASTM E1527-2013 guidelines, it is the responsibility of the User of this report to perform such a review.

The Client provided PEI with a *Preliminary Title Report* dated July 14, 2015 for the subject property issued by First American Title Co. Such a report typically does not list all documents related to the subject property, simply those that the title insurer wants to exclude from coverage and/or that are of potential interest to the transaction. A liens/use limitations search by the User is required by the ASTM/AAI standard 180 days or less prior to acquisition of a property, but a general review of the above title report was performed by PEI.

No obvious issues that would significantly environmentally impact the subject property were noted from this review. In addition, neither environmental liens, environmental deed restrictions, nor activity or use limitations related to environmental issues were specifically listed. Please note that PEI has not reviewed the underlying documents related to the items listed in the title report, and the purpose of the items was only generally ascertained based on their listed document name. PEI also did not review the title report for potential non-environmental issues that may affect the property, and is not providing a legal opinion as to the contents of the report. If more in-depth information is desired regarding the contents of the title report, appropriate legal counsel or a title professional should be consulted.

## **H. DATA GAPS**

As specified in ASTM E1527-2013, data gaps are defined as “a lack or inability to obtain information required by the standards and practices listed in the regulation despite good faith efforts by the Environmental Professional or prospective landowner to gather such information”. Data failure is one form of a data gap and occurs when historical research does not identify standard historical sources that are “reasonably ascertainable” and “likely to provide useful information to identify prior uses of the property”. Per ASTM E1527-13, the assessment must document data failure and give reasons why historical sources were not available or excluded (if applicable).

Based on PEI’s research, the following data gap(s) and/or data failure was/were identified:

Information relative to deed restrictions and environmental liens, and completion of a pre-survey questionnaire from the report User were not provided by the Client. Based on the other information reviewed as part of this assessment, it appears unlikely this data gap will significantly affect PEI’s report conclusions.

As discussed in Section VI-A, and other sections of this report, significant changes to the property over time, and/or conditions at the time of the site visit, limited PEI’s observations of historical (and possibly current) conditions at the subject property. These changes included, but are not necessarily limited to, demolition of prior feed mill structures on the property; stored items and equipment covering some surface areas; removal of former ASTs and other material storage containers; and renovation to the buildings’ interior and exterior. In addition, regarding the historical businesses at the property, PEI was limited to review of available regulatory records and interviews of third-parties, since some of the prior business owners are unknown.



As previously discussed in Section IV-F, prior environmental assessment(s) have reportedly been performed on the subject property, but were not found or provided to PEI prior to the issuance of this report. It is possible information contained in prior reports (if any) could change PEI's conclusions or recommendations herein. If previous environmental documentation becomes available to the Client or subject property owner, a copy should be provided to PEI for review. PEI reserves the right to alter its conclusions herein based upon such new information.

The oldest reliable historical resource utilized for this report, a 1942 aerial photo, indicated the subject property was developed with at least two industrial buildings. Because standard historical resources failed to identify the use of the subject property back to 1940, and did not provide information prior to the initial development of the subject property, data failure occurred. However, based on the information obtained from the readily available sources, it is unlikely that earlier sources would affect the conclusions of this report.

Historical data was not available in five-year increments. However, based on the sources reviewed, and the previously structurally undeveloped status of the subject property and neighboring properties as observed in the aerial photographs reviewed, it is unlikely this data gap will impact the findings and conclusions of this assessment.

PEI's research indicates the subject property was initially developed prior to 1942 with industrial uses. City directories indicate the property was occupied by the Corona Feed Mill in 1965. Earlier city directories do not list Corona Road or McDowell Boulevard. According to the 2010 Phase I ESA, the property was previously occupied by the Pacific Guano Company in 1949 to 1959 (no source of information is provided). According to PEI's research, Pacific Guano Feed company operated in Petaluma. A 1973 aerial photograph indicates the feed mill received grain from a railroad spur that came onto the property. Typically, a feed mill operation includes grain elevators and silos, and a steam process that compresses ground feed into pellets. PEI observed evidence of a grain silos and elevators in a 1973 aerial photograph. Building permits and process information are not available from the city of Petaluma or Sonoma County for the subject property addresses. It is unknown how steam was produced (e.g., boilers fire by fuel), or what hazardous materials were used or waste generated from these operations. A portion of the feed mill burned down in a fire according to interviews with persons familiar with the property. It is unknown how the burned down building materials were disposed or whether underground vaults or storage tanks existed or were abandoned properly. This is a data gap that if filled can impact the conclusions of this report. Based on the unknowns associated with former feed facility, a geophysical survey is recommended for the northwestern portion of the subject property.

Building department records indicate a fuel pump and well were permitted for the address 320 Corona in 1964. No additional records were available related to USTs or their contents associated with the subject property. This is a data gap which, if filled, can impact the conclusions of this report. Fire department records indicate that a

cardlock diesel fuel facility was permitted at the subject property in 1992 that included ASTs for diesel. This facility was closed in 2005. A photograph from the early-1980s indicates a fuel depot and other ASTs formerly were located on the property. Based on a Phase II completed by Kleinfelder in 2010 and 2011, soil and groundwater beneath the subject property in the area of the former ASTs are impacted with gasoline related constituents (e.g., BTEX, 1,2-DCE and 1,2-DCA). Former fueling activities and resulting soil and groundwater impact are a recognized environmental condition and a vapor encroachment condition. Additional assessment is recommended to evaluate these issues.

The property has been used for trucking related business since at least the 1980s. Some truck repair operations have occurred at the subject property that has resulted in surficial staining with heavy petroleum hydrocarbons. The details of these trucking operations is not known. This is a data gap that, if filled, can impact the conclusions of this report.

A masonry boiler room was noted near the western border of the subject property. Due to miscellaneous debris in and around the room, ground surfaces were not readily observable. There are no records at the city of Petaluma or Sonoma County related to this boiler room or how it was fueled (although a gas meter was noted nearby). This is a data gap that, if filled, can impact the conclusions of this report.

An approximate 1,650 square foot metal garage/warehouse was locked and inaccessible during the site visit. This structure had sliding door entrances indicating the potential for historic equipment service and repair. An early 1980s photograph indicates the building was occupied by Tom Rose Trucking. The lack of access to this building and other structures on the property is a data gap that, if filled, can impact the conclusions of the report.

**SECTION V.**  
**AGENCY RECORDS REVIEW**

In an effort to evaluate whether the subject property and/or nearby sites have reported USTs, hazardous waste generation, or hazardous material releases, regulatory information from the federal, state, and local agencies listed below were reviewed. The database report was compiled by a third-party database provider and is reportedly the most recent database information available from each agency. A copy of the database report is included in the appendix. According to the database provider, their search of the various databases conforms to ASTM E1527-2013 Standards. However, the accuracy of the information provided by the agencies is not without error or omission, and the information listed is limited to that which was reported to or gathered by that agency. A limited discussion of the number of sites identified, and of their potential impact to the subject property, follows the database descriptions. In addition, PEI may request state and/or local regulatory agency information for the subject property, targeting those agencies most likely to provide information useful for this Assessment. The primary databases reviewed and their general search range criteria are below:

Federal Database	Search Range
USEPA NPL/Superfund databases:	Target Property to 1.0 mile
USEPA CERCLIS databases:	Target Property to 0.5 mile
USEPA RCRIS facilities databases	
Corrective Action Sites:	1.0 mile
TSD Facilities:	0.5 mile
Generators:	0.25 mile
USEPA ERNS database:	Target Property
US Engineering Controls:	0.5 mile
US Institutional Controls:	0.5 mile
US DOD/FUDS databases:	1.0 mile
US Brownfields:	0.5 mile
State/Local Database	Search Range
State Superfund databases:	
EnviroStor/Response databases:	1.0 mile
Hist Cal-Sites:	
CA Bond Exp. Plan	
State Landfills database:	0.5 mile
State Cortese	0.5 mile
State/Local LUST databases:	0.5 mile
State Spills databases:	
SLIC:	0.5 mile
CHMIRS:	Target Property
State/Local UST/AST databases:	0.25 mile
State Liens database:	Target Property
State Deed database:	0.5 mile
State VCP database:	0.5 mile
State HAZNET database:	Target Property
Local Haz-Mat/Cleanup databases:	Target Property

## **A. REVIEW OF FEDERALLY REPORTED ENVIRONMENTAL DATA**

The review of the federal environmental databases listed below attempts to identify environmental problem sites, activities, and occurrences from the records of the U.S. Environmental Protection Agency (USEPA). The detailed listing, and a map showing the location of the sites relative to the subject property, is included in the appendix.

### **National Priorities List (NPL) of Superfund Sites:**

The NPL is the USEPA's database of hazardous waste sites currently identified and targeted for priority cleanup action under the Superfund program. This search includes Proposed NPL sites, Delisted NPL sites, and NPL Recovery sites. NPL sites may encompass relatively large areas. As such, polygon coverage for the site boundaries (for a majority of the NPL sites), as produced by the EPA may be provided.

### **National Priorities List Liens (NPL Liens):**

The NPL Liens database contains a list of filed notices of 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.

### **Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980:**

Mandated as part of the 1980 Superfund Act, the CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) list is an EPA compilation of the sites investigated, or currently being investigated, for a release or potential release of a regulated hazardous substance under the CERCLA regulations. This search also includes the CERCLIS-NFRAP (no further remedial action planned) database.

### **RCRIS Corrective Action (RCRIS-CA) Sites:**

The RCRIS-CA report contains information pertaining to hazardous waste handling facilities which have conducted, or are currently conducting corrective actions, as regulated by the Resource Conservation and Recovery Act.

### **Resource Conservation and Recovery Act Information System (RCRIS) Treatment, Storage, and Disposal (TSD) Facilities:**

The RCRA program identifies and tracks hazardous waste from generation source to the point of ultimate disposal. The RCRIS-TSD facilities database is the composite of reporting facilities that transport, store, or dispose of controlled or hazardous waste. Identification on this list does not indicate that a site has impacted the environment.

### **RCRIS Generator Facilities:**

The RCRIS program identifies and tracks hazardous waste from generation source to the point of ultimate disposal. The RCRIS generator facilities database (large and small quantity generators and various derivations) is the composite of reporting facilities that generate hazardous waste. Identification on these lists does not indicate that a site has impacted the environment.

### **Emergency Response Notification System (ERNS):**

The ERNS database is the historical record of releases of hazardous substances reported to the USEPA.

### **EPA Engineering and Institutional Controls (US ENG/INST CONTROL) Sites:**

These databases include listings of sites with engineering or institutional 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. 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 required as part of the institutional controls.

### **Department of Defense (DOD) Sites:**

The United States Geological Survey (USGS) maintains the DOD database, which consists of federally owned or administered lands, administered by the DOD, that have an area equal to or greater than 640 acres of the United States, Puerto Rico, and the US Virgin Islands. Identification on this database does not necessarily indicate that a site has impacted the environment.

### **Formerly Used Defense Sites (FUDS):**

The U.S. Army Corps of Engineers database contains a listing of locations of Formerly Used Defense Sites (FUDS) where the U.S. Army Corps of Engineers is actively working or will take necessary cleanup actions. Identification on this database does not indicate that a site has impacted the environment.

### **US Brownfields Sites (Brownfields):**

The US Brownfields site includes brownfields properties addressed by Cooperative Agreement Recipients (CAR) and brownfields properties addressed by Targeted Brownfields Assessments (TBA). EPA's TBA program is designed to help states, tribes, and municipalities minimize the uncertainties of contamination often associated with brownfields. Cooperative Agreement Recipients (states, political subdivisions, territories, and Indian tribes) become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the USEPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

### **CERCLA Lien Information (LIENS 2):**

A Federal 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.

### **Facility Index System (FINDS) sites:**

The FINDS Report is a computerized inventory of all facilities that are regulated or tracked by the U.S. Environmental Protection Agency. These facilities are assigned a unique identification number that serves as a cross-reference for databases in the EPA's program system. Identification on this database does not indicate that a site has impacted the environment.

## **B. REVIEW OF STATE-REPORTED ENVIRONMENTAL DATA**

A general description of the databases searched and the corresponding responsible state or local agency. The detailed listing, and a map showing the location of the sites relative to the subject property, is included in the appendix.

### **State Hazardous Waste Site (SHWS) Databases:**

State Hazardous Waste Site records are the states' equivalent to CERCLIS (refer to CERCLIS discussion).

### **California EnviroStor Databases:**

The Department of Toxic Substances Control's (DTSC's) Cal-Sites database contains potential or confirmed hazardous substance release properties. The CalSites database was created by the DTSC, but DTSC no longer up-dates the CalSites database. The CalSites database was replaced by the EnviroStor database. The DTSC's RESPONSE database 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 at the time of listing. The DTSC's Site Mitigation and Brownfields Reuse Program's (SMBRPs) EnviroStor database identifies sites that have reported contamination or sites for which there may be reason 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 Cal-Sites, 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.

### **Solid Waste Facilities, Landfills and Recycling Facilities:**

The State Solid Waste Facilities and Landfills and Recycling databases include an inventory of active, closed, and inactive solid waste disposal facilities, landfills, refuse transfer stations, and recycling facilities (non-landfill sites).

### **Historical Cortese Database:**

The Historical Cortese list contains hazardous waste and substance sites compiled pursuant to Assembly Bill 3750 (Cortese, Chapter 1048, Statutes of 1986). The information included in this list was compiled with information from the California DTSC, the State Water Resources Control Board, and the California Waste Management Board. This database contains primarily LUST sites, although other types of sites may be included.

### **Leaking Underground Storage Tanks (LUSTs):**

State and/or local agencies maintain inventories of LUSTs (also known as LTANKS) in a statewide database.

### **State/Local Spills Databases:**

The Spills, Leaks, Investigations, and Cleanup (SLIC) Cost Recovery Listing program is designed to protect and restore water quality from spills, leaks, and similar discharges. The database(s) included in this section are the states' equivalent to the ERNS report and generally contain information for reported hazardous material/waste surface or groundwater contamination release investigations reported in that state or locality. The California Hazardous Material Incident Report System (CHMIRS) database contains information on reported hazardous waste material incidents (accidental releases or spills).

### **Underground Storage Tanks (USTs)/Aboveground Storage Tanks (ASTs):**

USTs are regulated under Subtitle I of the RCRA (as well as various state regulations), and must be registered with the State Underground Storage Tank Program. These are registered USTs only, and identification on this list(s) does not necessarily indicate that the site has impacted the environment. This search includes review of the Active UST Facilities (UST) database, Facility Inventory Database (CA FID UST), Hazardous Substance Storage Container Database (HIST UST), and SWEEPS UST Listing database (SWEEPS UST). Also potentially included in this section are sites identified on historic UST databases that are no longer maintained. The AST database is the State Water Resources Control Board's Hazardous Substance Storage Container Database for registered ASTs. Note: The nature of this listing indicates a UST and/or AST has been reported at the respective address; however, the nature of the UST and/or AST listing does not indicate whether the presence of the UST(s) and/or AST(s) has resulted in an impact to the environment. UST/AST sites with reported releases are typically identified on other listed databases which indicate a reported release or environmental impact and are discussed accordingly.



### **Environmental Liens Listing (LIENS):**

The Department of Toxic Substances Control's (DTSC) LIENS database includes a listing of property locations with environmental liens for California where DTSC is a lien holder.

### **Deed Restriction Listing (DEED):**

The Department of Toxic Substances Control's (DTSC) DEED database includes a listing of Site Mitigation and Brownfields Reuse Program (SMBRP) Facility Sites with Deed Restrictions and Hazardous Waste Management Program Facility Sites with Deed/Land Use Restrictions. The 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, and 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.

### **Voluntary Cleanup Program (VCP):**

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

### **State and/or Local Agency Generators (HWTS/HAZNET):**

The Hazardous Waste Tracking System (HWTS or HAZNET) data is extracted from copies of hazardous waste manifests kept by the Cal-EPA-DTSC. These manifests track hazardous wastes from generation source to the point of ultimate disposal. Permit data is generally culled from local agency database(s) for hazardous material handlers and generators. Identification on these lists does not indicate that a site has impacted the environment and the data has not always been verified for accuracy by the DTSC or local agencies.

### **National Pollutant Discharge Elimination System (NPDES) Database:**

The National Pollutant Discharge Elimination System (NPDES) includes sites that have had or have a permit for the discharge of wastewater or stormwater issued by the Regional Water Quality Control Board or a local agency (e.g., Public Works Department). Identification on this database does not necessarily indicate that a site has impacted the environment, only that permitted discharge(s) have occurred.

### **State and/or Local Agency Air Emissions Database (EMI):**

The EMI data is extracted from permits for air emissions kept by the state or local air resources agency. The nature of the EMI listings indicates the emission of volatile materials to the air; however, the nature of the EMI listings does not indicate whether the related activities resulted in an impact to the environment. Sites with reported releases are typically identified on other listed databases which indicate a reported release or reported impact to the environment (e.g., LUST, SLIC, Cortese) and are discussed accordingly.

### **Drycleaners Database:**

The California Department of Toxic Substance Control (DTSC) maintains a listing of drycleaners and drycleaner related facilities that have EPA ID numbers. EPA ID numbers are assigned to facilities with certain SIC codes (power laundries; garment pressing and cleaner's agents; etc.). The nature of the Drycleaners listings indicates the facility has been given an EPA ID number due to a SIC code assignment; however, the nature of the Drycleaners listings does not indicate whether the related activities resulted in an impact to the environment. Sites with reported releases are typically identified on other listed databases which indicate a reported release or reported impact to the environment (e.g., LUST, SLIC, Cortese) and are discussed accordingly.

### **Notify 65 Database:**

Notify 65 listings generally indicate that some type of release and/or groundwater impact have occurred which was required to be reported under Proposition 65 rules. These types of listings typically indicate groundwater has been impacted by the listed site; however, details are typically not provided in this type of database.

### **EDR Historical Auto Stations, Historical Cleaners, & Manufactured Gas Plants Databases:**

These databases include former gas stations, auto repair shops, dry cleaners, Laundromats, and manufactured gas plants that are typically no longer active.

Identification on these databases does not necessarily indicate that such activities actually occurred at that site or that a site has impacted the environment.

**Database Discussion** – Below is a brief discussion of those sites listed in the database as at or nearby the subject property, and potentially sites at a further distance that, in PEI’s experience, have an obvious potential to impact the subject property (e.g., NPL sites).

<b>SUBJECT PROPERTY Database Listings</b>		
<b>Listing Name/Address</b>	<b>Database(s)</b>	<b>Discussion</b>
V Dolan Trucking 320 Corona Road	RCRA Non-gen; FINDS; Echo	V Dolan Trucking is listed as a RCRA-non generator in March 1988. No specific hazardous materials were noted for this tenant. No violations or releases were reported. Based on the limited information and lack of reported release, this listing is not considered an REC.

<b>Selected OFF-SITE Database Listings</b>				
<b>Site Name/Address</b>	<b>Distance (miles/direction)</b>	<b>Gradient Position</b>	<b>Database(s)</b>	<b>Status</b>
Muffler Works 967 McDowell	69 feet west	Down gradient	EDR Hist Auto	No release reported
Discussion: This site is the southwestern adjoining property across McDowell Road. No releases are reported.				
Fire Station 2 1001 N. McDowell	117 feet WNW	Down gradient	HIST UST	No release reported
Discussion: This site is reported with a 2,000 gallon UST installed in 1980. No releases are reported.				
J&D Automotive 278 Corona Road	230 feet west	Down gradient	Notify 65, EDR Hist Auto, USTs, LUST, Cortese	Closure granted September 2011
Discussion: This property is listed on the LUST database. According to EDR, the case was opened in 1991 with gasoline, and oil impact to groundwater. The property received closure in September 2011.				
PEI reviewed available documentation related to this site on Geotracker. In 1991, two areas of petroleum impact were discovered during grading. The primary constituents of concern were related to former gasoline and waste oil USTs removed in 1987 and 1992. Groundwater monitoring wells were installed and contained up to 43,000 ppb of TPHg, 1,900 ppb of				

benzene, and ND concentrations of TPHd. Diesel impact was not a constituent of regulatory concern.

According to a February 2010 4<sup>th</sup> Quarter Groundwater Monitoring Report, a monitoring well associated with this site, MW-9, was installed on the subject property. This monitoring well was noted in the CDM & Kleinfelder environmental reports discussed in Section III-A of this report. Data presented in the 2010 report indicates that MW-9 was sampled from July 2004 to September 2008 for gasoline constituents TPH-g, BTEX, MTBE, EDC, and additional 8260 VOCs. None of the data presented indicated concentrations of analytes above laboratory detection limits. Based on the down gradient location of this property, and the data provided for the on-site groundwater monitoring well (which has since been abandoned), it is unlikely that this property has significantly impacted the subject property.

Autodesk 1031 McDowell	266 feet WNW	Down gradient	AST	No release reported
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Discussion: This property is listed with an AST. No release is reported.

William Brody 360 McDowell	282 feet North	Up gradient	Hist UST	No release reported
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Discussion: This site is reported with two USTs of unspecified capacity. No release is reported.

PG&E Petaluma Service Center 210 Corona	636 feet Southwest	Down gradient	RCRA-SQG, FINDS, HAZNET, ECHO, AST, LUST, SLIC	Case closed as of December 1999
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Discussion: As a HAZNET generator, this site is listed with asbestos waste disposal, inorganic waste, unspecified oil containing wastes, and other organic wastes in 2014. A 2,000-gallon AST is noted. As a LUST & SLIC site, a release was reported in 1985 which impacted groundwater with waste oil. Closure was granted in December 1999. Based on the downgradient location, type of impact (oil), distance, and regulatory status (closed), this site is unlikely to impact the subject property.

701 Sonoma Mountain Parkway	647 feet NNE	Upgradient	EDR Cleaner	Hist No release reported
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Discussion: This site is listed as Parkway Cleaners for the years 2003 to 2012. No release is reported.

Based upon the distance, status, type of listing and/or down- to cross-gradient location, the remaining database listings appear unlikely to have significantly environmentally impacted the subject property.

### **Unlocatable / Unplottable Sites:**

Unplottable “orphan” sites are those which could not be plotted by the database provider using conventional geo-coding methods, typically because the information provided in the original government database was unclear, incorrect or missing. A listing of orphan sites (if any) appears at the end of the database, immediately after the last plottable site description.

PEI reviewed the orphan list for sites with the same name as the subject property (if applicable) and/or the same or similar property address. This review is inherently limited by the incomplete and/or possibly incorrect data reported in the orphan listings. For orphans apparently not related to the subject property, only those obviously located adjoining or within a short distance that may affect the property are discussed. Orphan sites which are also listed in the plotted section are not re-discussed.

PEI’s review of the unlocatable / orphan list revealed no obvious sites of concern listed at or adjoining the subject property.

### **C. LOCAL AGENCY RECORDS SEARCH**

The following is a discussion of the results of PEI’s written records requests, online regulatory database review, and/or personal/telephone contacts (as applicable) made to state and/or local government agencies in an effort to obtain potential information relevant to the subject property. Please note that, as discussed in the ASTM E1527-13 Standard, Section 8.1.5, records are considered available within a *reasonable time and cost*, only if available within 20 calendar days of the request and for a nominal cost (only covering the source’s cost of retrieving and/or duplicating the information):

#### **San Francisco Regional Water Quality Control Board (SFRWQCB):**

PEI contacted the SFRWQCB in an effort to evaluate whether hazardous material incidents, USTs, and/or LUSTs have been reported at the subject property address(es). The SFRWQCB informed PEI that no hazardous material incident, UST or LUST information is on file for the subject property.

#### **Sonoma County Department of Environmental Health (SCDEH):**

PEI contacted the SCDEH in an effort to evaluate whether hazardous materials usage, hazardous waste generation, hazardous material incidents, USTs, and/or LUSTs have been reported at the subject property. The SCDEH informed PEI that no hazardous material incident, UST or LUST information is on file for the subject property.

#### **City of Petaluma Fire Department (PFD):**

PEI contacted the PFD in an effort to evaluate whether hazardous material incidents, USTs and/or LUSTs have been reported at the subject property

address(es). According to the PFD, no information was on file for the address 890 North McDowell; however, there was a file for the address 320 Corona Road. PEI reviewed available information on file for the subject property address. The following is a brief summary of information on file with the PFD which is most significant to this ESA. Please also note that this review was general in nature, was focused on potential hazardous materials usage, and does not constitute a regulatory compliance or health and safety review. Copies of selected records are included in the appendix.

January 1992– Occupancy Inspection Record – for Fuel Cardlock. Inspections noted through June 2007 (which is noted as ‘Vacant’’).

May 31, 1994 – Permit - Issued to Corona Cardlock/Royal Petroleum for three ASTs including two 4,000-gallon and one 10,000-gallon. The facility owner is listed as Patricia and Clinton Gow. An EPA ID # of CAD982033870 was noted on the permit.

April 1999 – Occupancy Inspection Record – for Larry Drew Backhoe Service. Inspections noted through October 2007.

October 23, 2000 – Permit issued to Royal Petroleum for two diesel ASTs (14,000-gallons total).

October 26, 2000 – Fire Inspection Notice – Inspection of Royal Petroleum Cardlock. The inspection notes three ASTs located inside concrete secondary containment. One 4,000-gallon AST is not being used.

June 11, 2004 – Permit issued to Royal Petroleum for two diesel ASTs (4,000- and 10,000-gallons). Permit expiration listed as August 31, 2006.

February 15, 2005 – Fire Inspection Notice - Inspection of Mattheson Trucking and Royal Petroleum. No hazards noted.

May 10, 2005 – Letter from Royal Petroleum to PFD – The letter indicates that on April 1, 2005, the fuel dispensing operation were closed. The dispensers were removed and the ASTs have been emptied of diesel fuel. The ASTs have been cleaned, polished, and degassed (inert). The letter requests a closure inspection by PFD.

May 31, 2005 – HMMP Cover & Statistical Data Sheet – Notes Royal Petroleum as a closed business. The large AST is still on-site. Inspector requested the AST to be labeled as “empty”.

June 21, 2007 – Fire Inspection Notice - Inspection of Mattheson Trucking. No hazards noted.

October 6, 2015 – Fire Inspection/Hazardous Material Notice – The inspector noted evidence of truck repair on-site.

November 4, 2015 – Letter from PFD to Jeffrey Mayne (property owner) and Ramon Leon of RRL Logistics. The letter discusses potential illegal vehicle repair operations at the property which resulted in a “*large, dark stain under the metal canopy on the northeast side of the property adjacent to the railroad tracks. The stain appeared to be from waste oil and indicative of vehicle repair operation, however no source of the oil was evident and I saw no vehicle repair being conducted. Carlos Mendez, the tenant, explained that he stores tools and equipment on-site and conducts mobile truck repair off-site*”.

November 5, 2015 – Email from Jeffrey Mayne indicated that investors that taken over the property from former owners have met with every tenant and informed them that any on-site vehicle repair is forbidden.

#### **Bay Area Air Quality Management District (BAAQMD):**

PEI contacted the BAAQMD to evaluate whether hazardous material-related emissions records were available for the subject property. According to the BAAQMD, information was on file for the subject property related to a former business, Balistreri and Holmes Transport, Inc. at 320 Corona Road. . PEI reviewed information provided by BAAQMD which indicated a permit granted in August 1985 for “paint and sand blasting”. The permit ceased in October 1996. Please also note that this review was general in nature, was focused on potential hazardous materials usage, and does not constitute a regulatory compliance or health and safety review. Copies of selected records are included in the appendix.

#### **California EPA - Department of Toxic Substances Control (DTSC):**

PEI contacted the DTSC in an effort to evaluate whether hazardous material incidents, UST, and/or LUSTs have been reported at the subject property address(es). The DTSC informed PEI that no hazardous material incident, UST, or LUST information is on file for the subject property addresses.

PEI reviewed CalEPA-DTSC’s Hazardous Waste Tracking System (HWTS) online database (<http://hwts.dtsc.ca.gov>) in an effort to identify potential hazardous waste generation/disposal activities associated with the subject property address(es). Information from DTSC’s HWTS indicated the following listings not reported in the database:

Name	EPA ID #	Status	Dates	Manifests	Wastes
Larry & Robin Drew/Clinton Patricia Gow	CAC002583488	Inactive	10/2004- 6/2005	None	Not reported
Dolan Trucking	CAL000017148	Inactive	11/1989- 1/1995	None	Not reported
V Dolan Trucking	CAD982320749	Inactive	6/1998- 6/1998	None	Not reported
Royal Petroleum	CAL000127524	Inactive	10/1994- 6/2005	Yes	Waste oil and mixed oil; unspecified oil containing waste; other organic solids. Annual quantities up to 1.2 tons

### California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) Maps:

PEI reviewed DOGGR maps available on the DOGGR website in an effort to identify whether oil or gas wells have been reported in the vicinity of the subject property. According to the DOGGR website mapping interface, no oil or gas wells are reported in the immediate subject property area (within 1/8-mile).

### D. VAPOR ENCROACHMENT SCREENING

PEI has performed a limited Vapor Encroachment Screening (VES) for the subject property as mentioned in ASTM Standard Practice E2600-15. The purpose of this VES was to identify existing Vapor Encroachment Conditions (VECs), which is defined by ASTM E2600-15 as “the presence or likely presence of chemical of concern vapors in the subsurface of the target property caused by the release of vapors from contaminated soil and/or groundwater either on or near the target property.” However, the review was general in nature and may not encompass all aspects of the E2600-15 guidelines. PEI has reviewed known or reported releases of petroleum hydrocarbon or other constituents of concern (COCs, including volatile organic compounds - VOCs) to subsurface soils and/or groundwater within the vicinity of ASTM-specified distances from the subject property, as reported within the radius report. It should be noted that since this review only addresses sites with reported releases in the radius report, it does not address potential unreported impact from nearby sites, if any.

Based on the PEI’s review, the following is indicated about the sites with known releases relative to a potential vapor encroachment condition (VEC) at the subject property.

--	Number/Name of Sites	VEC Exists	VEC Does Not Exist
Petroleum Releases (<528 feet)	2 Subject property  J&D Automotive 278 Automotive	Based on data provided in the Kleinfelder 2010 and 2011 Phase II ESA Reports, the soil and groundwater at subject property is impacted with gasoline related constituents.	J&D Automotive – Groundwater impact with gasoline. No impact in on-site monitoring well. Closure granted in 2011.



VOC Release (<1,742 feet)	0		x
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Based upon the above review, a VEC at the subject property has been identified. Off-site VECs from the database listings have not been identified.

## **E. TRIBAL RECORDS SEARCH**

According ASTM E1527-2013, records for local and tribal records shall be checked to satisfy all appropriate inquiry for this assessment. The following is a discussion of the results of PEI's written records requests, online regulatory database review, and/or personal/telephone contacts (as applicable) made to tribal governmental agencies in an effort to obtain potential information relevant to the subject property:

The subject property is not located on tribal property and therefore no inquiry was necessary.

## **SECTION VI.**

### **SITE VISIT OBSERVATIONS**

#### **A. SURFACE CHARACTERISTICS**

At the time of the December 21, 2016 site visit, the subject property consisted of an approximate 6.56-acre parcel of land, occupied by several businesses related to trucking/transportation including Moga Transportation (a refrigerated dairy trucking company), AJR Trucking (a postal contractor), Jim Todorovitch Paving, and Walt Price Truss Company. Buildings on the property included the following (generally from northwest to southeast):

- a small office building and adjoining restroom/shower locker room (addressed 320 Corona, occupied by Moga Transport, Inc);
- an approximate 1,650 sq.ft. rectangular corrugated metal warehouse/garage building (locked, occupant unknown);
- an open sided truck repair building with attached masonry shed (locked, signage indicates Carlos Truck Repair);
- a well house shed covering an apparent non-operating groundwater well; and
- an approximate 3,000 sq.ft. rectangular corrugated warehouse and office (occupied by Pace Truss Company)

The structures appeared adequately maintained at the time of the site visit. The structures occupied less than 5 percent of the subject property. The remaining 95 percent consisted of unpaved (partially gravel covered) parking and driveway areas and landscaped areas. The landscaping appeared to be in good condition with no signs of unnatural or chemically induced stress. Minor surface staining was observed on the parking areas, and was likely the result of leaking vehicles.

Weather conditions at the time of the site visit consisted of partly cloudy skies, with temperatures in the 50s. The soils of the subject property were wet from recent rain. Numerous low areas of ponded rainwater were noted on the property; however, no pits, ponds, lagoons, or surface impoundments potentially containing hazardous materials were observed on the subject property. A shallow stormwater drainage swale was noted on the northern border of the property adjacent to the railroad right-of-way. PEI observed the swale to drain from northwest to southeast, then bend at the southeastern property border and empty into a larger creek/culvert with traversed under McDowell Boulevard. PEI did not observe visual evidence of hazardous materials releases to the swale or adjoining creek/culvert.

The main entrance to the property is at the northwest corner at Corona Road (just south of the railroad tracks). A paved driveway traverses the property from this entrance southwesterly paralleling the railroad ROW toward the southeast border of the property. On the south side of this driveway near this entrance, is a small white office building. The building is addressed 320 Corona Road and is occupied by Moga Transport. Adjoining the office building is a grey modular office building and a wooden restroom/locker room used by Moga employees. Moga

Transport uses the property for parallel parking of its trailers and trucks. The primary parking areas for Moga Transport are across the driveway from the office adjacent to the railroad ROW, and on the southeastern portion of the property. PEI observed a locked shipping container located at the northeastern corner of the property (near the creek).

On the south side of the restroom/locker room structure, PEI observed a three-sided small masonry structure with a partial corrugated metal roof. The structure was situated with a metal vent pipe indicative of a former oil fired boiler. Due to significant debris within the structure, PEI was not able to observe obvious indications of the former fuel sources (e.g., underground storage tank [UST] or AST).

East and adjoining the restroom/locker room structure is an approximate 1,650 square foot corrugated metal building with two sliding metal doors. The building was locked and inaccessible during the site visit. The lease/tenant of this building is not known. On the south side of the metal building is a small wooden shed used by AJR Trucking for notices to its drivers. Within the shed are two 55-gallon drums of new motor oil. On the eastern exterior are three mostly empty 55-gallon drums. AJR Trucking parks its trucks and trailers along the southwestern border of the property (along McDowell Boulevard).

A wood frame, metal covered building (well house) is noted in the west central portion of the property. Within the building is a groundwater well and associated compressed air AST. Signage on the electrical panel indicates the well was most recently serviced by Anderson Pump & Well.

Adjoining east of the well house is a concrete bermed structure which formerly contained ASTs associated with Royal Petroleum, a cardlock fueling facility that closed in 2005. The ASTs were no longer present. However, evidence of capped subterranean fuel piping to three dispensers/pump islands were noted including one on the north side of the AST enclosure and two on the south side of the AST enclosure.

East of the AST enclosure is a truck scale and two small buildings (one masonry, one wood, both locked during the visit. The truck scale included four metal covered plates that were not able to be readily removed. The truck scale mechanism (mechanical or hydraulic) was not readily ascertainable during the site visit.

South of the AST enclosure and truck scale shed is an area used by Jim Todoreovitch Paving company for storage of trucks, equipment (trailer mounted ASTs) and materials. Several 5-gallon buckets of blacktop driveway sealer and hydraulic oil were stored on the ground.

A rectangular corrugated metal building is located in the east central portion of the property. The building is currently occupied by Walt Price Truss Company. The building includes a warehouse portion with a concrete floor. Within the warehouse PEI observed a propane fueled forklift, truck, woodworking equipment, and miscellaneous stored materials. An office space with carpeting and suspended ceilings occupies the northwest corner of the building. A business card for Mr. Price indicates the address of this facility as 910 N. McDowell (this address was not reported in the other sources reviewed). A small propane

AST was noted at the northeast exterior corner of the building. At the eastern side of the metal building is a small wooden shed with a compressor. Across the unpaved driveway to the north of the metal building are six truss fabricating stations set up with outlets for compressed air and electricity that is plumbed underground from the metal building. The stations included low level metal framing on which the trusses are assembled. One of the stations was covered with an awning. No significant staining or hazardous materials were observed.

On the north side of the driveway, along the railroad tracks is an area used by a reported mobile truck repair company (Carlos Truck Repair). PEI observed a tall metal framed and metal roof covered open sided structure. Several smaller locked sheds were noted near the awning. Several 5-gallon buckets of petroleum related compounds (e.g., gear oil, hydraulic fluid) were noted in this area. PEI observed an area of heavily stained surface soils that had been covered with gravel and absorbent. A cargo container was located near the covered structure to the west which contained an AST (diesel exhaust fluid) and petroleum products related to Mogul Transportation.

During the site visit, the exterior of the subject property (with the exception of the roofs), and the interior of the Moga Transportation offices and restroom/locker room were inspected. Areas not visited and/or where observations were limited included: the interior of the remaining buildings on the property; exterior areas covered with stored materials or covered by trucks/equipment (approximately 15 percent of exterior areas).

Additionally, alterations to the structure(s) and its systems (e.g. space heating, water heating, plumbing, etc.) have occurred over time, limiting observations of previous structural items and systems configurations.

## **B. WASTEWATER AND STORMWATER MANAGEMENT**

Wastewater at the site is limited to effluent from the restrooms. This material flows into the city-operated sewer system. No interior floor drains were observed.

Exterior surface run-off from the subject property is expected to flow directly onto the adjoining roadways. No exterior stormwater drains were observed.

## **C. POTABLE WATER SUPPLY AND SEWER SERVICE**

The subject property utilizes sewer service supplied by the city of Petaluma. PEI observed a groundwater production well in the central portion of the property. PEI interviewed Mr. Kim (no last provided) of Anderson Pump & Well which was noted as the service company on signage for the well. He estimated that the well and pump equipment is quite old (e.g., > 60 years). He indicated that it is likely 200 to 250 feet deep. Kim noted the property was formerly a feed mill that that burned down quite a while ago. The feed mill used a steam reservoir to create pellets to cattle feed. He stated the property was cleaned up and has been used as trucking yard since.

PEI observed no obvious evidence of active or abandoned septic systems. However, based on building permit data and the age of current and former structures, it is likely that septic systems were formerly used on the subject property for wastewater disposal. Should septic systems be encountered, they should be abandoned in accordance with local regulation. Should hazardous material disposal be suspected to these potential systems, subsurface sampling should be considered.

#### **D. STRUCTURE CONSTRUCTION**

Structures on the subject property include the following:

- a small office building and adjoining restroom/shower locker room (addressed 320 Corona, occupied by Moga Transport, Inc). Wood frame and roof on a raised foundation
- an approximate 1,650 sq.ft. rectangular corrugated metal warehouse/garage building. Wood frame with corrugated metal siding and roof. Foundation/floor unknown.
- an open sided tall truck repair awing with attached masonry shed. Foundation/floor unknown
- a well house shed covering. Wood frame with metal siding and roof. Dirt floor
- an approximate 3,000 sq.ft. rectangular corrugated warehouse and office (occupied by Pace Truss Company). Concrete slab floor. Office area finished with carpeting and suspended ceiling tiles.

#### **E. BUSINESS OPERATIONS DESCRIPTION**

According to the Petaluma Planning Department, the subject property was zoned for mixed industrial uses (zone MU1B). At the time of the site visit, the subject property was occupied by various trucking related businesses, a paving company, and a truss assembly business. These businesses do not handle hazardous materials and/or generate hazardous wastes above *de minimus* quantities.

PEI's research indicates the subject property was initially developed prior to 1942 with industrial uses. City directories indicate the property was occupied by the Corona Feed Mill in 1965. Earlier city directories do not list Corona Road or McDowell Boulevard. According to the 2010 Phase I ESA, the property was previously occupied by the Pacific Guano Company in 1949 to 1959 (no source of information is provided). According to PEI's research, Pacific Guano Feed company operated in Petaluma. A 1973 aerial photograph indicates the feed mill received grain from a railroad spur that came onto the property. Typically, a feed mill operation includes grain elevators and silos, and a steam process that compresses ground feed into pellets. PEI observed evidence of a grain silos and elevators in a 1973 aerial photograph. Process information are not available from the City of Petaluma or Sonoma County for the subject property addresses. It is unknown how steam was produced (e.g., boilers fire by fuel), or what hazardous materials were used or waste generated from these operations. A portion of the feed mill burned down in a fire according to interviews with persons familiar with the

property. It is unknown how the burned down building materials were disposed or whether underground vaults or storage tanks existed or were abandoned properly. This is a data gap that if filled can impact the conclusions of this report. Based on the unknowns associated with former feed facility, a geophysical survey is recommended for the northwestern portion of the subject property.

Building department records indicate a fuel pump and well were permitted for the address 320 Corona in 1964. No additional records were available related to USTs or their contents associated with the subject property. This is a data gap which, if filled, can impact the conclusions of this report. Fire department records indicate that a cardlock diesel fuel facility was permitted at the subject property in 1992 that included ASTs for diesel. This facility was closed in 2005. A photograph from the early-1980s indicates a fuel depot and other ASTs formerly were located on the property. Based on a Phase II completed by Kleinfelder in 2010 and 2011, soil and groundwater beneath the subject property in the area of the former ASTs are impacted with gasoline related constituents (e.g., BTEX, 1,2-DCE and 1,2-DCA). Former fueling activities and resulting soil and groundwater impact are a recognized environmental condition and a vapor encroachment condition. Additional assessment is recommended to evaluate these issues.

The property has been used for trucking related business since at least the 1980s. Some truck repair operations have occurred at the subject property that has resulted in surficial staining with heavy petroleum hydrocarbons. The details of these trucking operations in not known. This is a data gap that, if filled, can impact the conclusions of this report.

A masonry boiler room was noted near the western border of the subject property. Due to miscellaneous debris in and around the room, ground surfaces were not readily observable. There are no records at the city of Petaluma or Sonoma County related to this boiler room or how it was fueled (although a gas meter was noted nearby). This is a data gap that, if filled, can impact the conclusions of this report.

An approximate 1,650 square foot metal garage/warehouse was locked and inaccessible during the site visit. This structure had sliding door entrances indicating the potential for historic equipment service and repair. An early 1980s photograph indicates the building was occupied by Tom Rose Trucking. The lack of access to this building and other structures on the property is a data gap that, if filled, can impact the conclusions of the report.

**SECTION VII.**  
**HAZARDOUS MATERIAL/WASTE OBSERVATIONS**

**A. HAZARDOUS MATERIALS HANDLING AND STORAGE**

PEI observed small quantities of hazardous materials related to some of the tenants occupying the subject property including:

AJR Trucking: Five 55-gallon drums of motor oil

Jim's Paving: Multiple 5-gallon buckets of paving sealer and hydraulic oil

Carlos Truck Repair: Multiple 5-gallon buckets motor oil, hydraulic oil, gear oil

Minor surface staining noted in the area of the truck repair building. No other significant staining or spillage was observed in any of the material storage areas inspected. With the exception of the above-mentioned materials, no other significant hazardous materials handling or storage were observed on the subject property during the site visit.

**B. WASTESTREAM GENERATION, STORAGE AND DISPOSAL**

During the inspection, no hazardous waste generation, storage, or improper hazardous waste disposal was observed on the subject property. Stained or discolored sinks, drains, catch basins, drip pads, or sumps were not observed. Additionally, significant spills or staining were not observed around surface drains, pipes, gutters, spouts, or tubes.

**C. SOLID WASTE DISPOSAL**

During the site visit, a typical municipal waste dumpster was observed at the subject property. At the time of the inspection, the dumpster did not appear to be utilized for improper hazardous waste disposal. Significant spills or staining were not observed on the ground surface areas around the dumpster.

**D. ABOVEGROUND STORAGE TANKS (ASTs)**

PEI observed a concrete bermed secondary containment area adjacent to the well house that formerly contained diesel ASTs associated with the Royal Petroleum cardlock facility that was closed in 2005. The ASTs were removed, but capped piping to three dispensers was noted during the site visit. A small propane AST was also observed adjacent to the central metal building occupied by the truss assembly company. No other ASTs were observed at the subject property. An early 1980s aerial photograph shows evidence of prior large ASTs that are no longer located on the property. As discussed in Section III-A, soil and groundwater in the vicinity of the former ASTs is impacted with primarily gasoline related constituents.

## **E. UNDERGROUND STORAGE TANKS (USTs)**

As discussed in the Section V (Agency Records Review) of this report, no USTs were reported at the subject property. In addition, no visual or physical evidence of current or past USTs was discovered during the site visit in the readily visible areas of the property. In particular, PEI searched for: fill pipes, vent pipes, manways, manholes, access covers, concrete pads not homogeneous with surrounding surfaces, concrete built-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps.

DRAFT



**SECTION VIII.**  
**OTHER POTENTIAL ISSUES OF CONCERN**

**A. PCB-CONTAINING EXTERIOR ELECTRICAL TRANSFORMERS**

Exterior pad-mounted, pole-mounted, or below-ground (vaulted) electrical transformers were not observed at the subject property during the site visit.

**B. OTHER PCB-CONTAINING INTERIOR OR EXTERIOR EQUIPMENT**

Based upon the age of the subject development (pre-1977), it is possible that potential ballasts inside fluorescent light fixtures contain PCBs. If these ballasts are found to be leaking, require replacement, or are subject to disposal, it would be prudent to identify their chemical content. However, during the on-site inspection, no evidence was observed of any other equipment likely containing PCB-contaminated fluid (e.g., interior electric transformers, hydraulic elevators, hydraulic hoists/lifts, hydraulic loading dock ramps, other fluid containing equipment, etc.).

**C. SUSPECT ASBESTOS-CONTAINING MATERIALS (ACMs)**

Based on the date of construction of the subject structure(s) (circa 1960s) and the apparent age of at least some of the construction materials (pre-1985), it is possible asbestos-containing materials (ACMs) were used in construction of the subject structure(s) and/or added later. During on-site observations, suspect ACMs were identified, including, but not necessarily limited to: interior drywall/joint compound and texture systems, plaster, vinyl flooring and mastic, window putty, and roofing materials. All observed materials appeared to be adequately maintained, although not all areas were visited. If any suspect ACMs become damaged, they should be tested for asbestos content and if found positive, abated as necessary by a state-licensed asbestos abatement contractor. Suspect ACM testing or detailed material condition observations were not included in the scope of work. However, as defined in NESHAPs Section 61.141, the observed materials may be classified as suspect regulated ACMs. Prior to any demolition, renovation, or any other activity that may disturb these materials, either an inspection should be performed by an accredited Building Inspector, or the affected materials should be handled as asbestos-containing. If future sampling identifies any such materials as ACMs, an approved Operations and Maintenance (O&M) Program would be required to maintain the materials in-place. Should specific information regarding the quantities, locations and conditions of potential ACMs be necessary, an asbestos survey should be performed by a state Certified Asbestos Consultant.

**D. LEAD-BASED PAINT (LBP)**

PEI's scope of work did not include a lead-based paint (LBP) inspection, survey or assessment. However, based upon the age of the subject building(s) (circa 1960s), it is possible that lead-based paint (LBP) was used. Damaged, chipping, flaking, or peeling paint was not observed; however, detailed observations were not performed, and not all areas were

visited. In 1978, the federal government limited the use of LBP, particularly in residential applications. Although usage was allowed to continue in many commercial settings, use in general industry has decreased from that period of time to the present.

LBP presents a hazard primarily when lead dust or fumes are created. Renovation or repair activities and normal wear and tear are the primary causes of LBP dust and fume creation, and the affected areas can also include the soil areas surrounding the building(s). Effective in 1993, the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62), applies to sources or potential sources of lead exposure present in an “employment-related” context. The trigger for application of the standard is an activity that by its very nature may cause exposure to lead (i.e., sanding, scraping, demolition, etc.). Such work must also be performed by certified personnel that have received Lead In Construction training. Should future renovation, repair, or demolition disturb any suspect paint (all untested paint), a LBP inspection and/or risk assessment should be conducted by a state or EPA certified LBP inspector/assessor to identify areas of potential worker exposure. In California, repair, renovation or painting work in pre-1979 buildings must be performed by a California Department of Public Health (CDPH) certified contractor. Additionally, if in California, CCR Title 17 states that “lead hazards” (e.g., deteriorated LBP, lead-containing dust, disturbance of LBP without proper controls, etc.) are not allowed in any public (non-residential or industrial) building. Please consult with an appropriate certified lead professional for further details regarding the above issues and their specific application to the subject property.

## **E. LEAD IN DRINKING WATER**

Federal regulations limit lead in publicly supplied water to no more than 15 parts per billion (ppb), however, the most common source of lead in tapwater is from interior plumbing systems (piping, connections, faucets, etc.). Children are the most susceptible to possible health effects from consuming lead-tainted drinking water. Based upon the age of the subject development and on construction standards prior to 1987 (40 CFR 141.11), it is possible the interior plumbing systems contain lead. The presence or absence of elevated lead concentrations in the water can only be confirmed through laboratory testing, and such analysis is beyond the scope of this Assessment.

## **F. AIR QUALITY**

Unusual smells, noxious odors, or visual emissions were not observed during the inspection of the subject property. However, these observations are general in nature and should not be construed as an air quality assessment.

## **G. RADON**

According to the USEPA, the general area of the site has a predicted average indoor screening level of less than the EPA guideline action level of 4.0 picoCuries per liter of air (EPA Radon

Zone Level of 2 or 3). Therefore, based upon the reported subsurface characteristics of the area, the subject property exhibits a low potential for high-level radon exposure.

## **H. RAILROAD RIGHTS-OF-WAY**

A railroad right-of-way is located on the northern property boundary. Historically the right-of-way included a spur that ran parallel to the right-of-way and serviced the former feed mill operations. There are several potential environmental risks associated with railroad rights-of-way, including the usage of herbicides, pesticides, petroleum materials and related heavy metals (e.g. arsenic) to maintain the tracks, as well as the potential spillage of hazardous materials from railcars. During the site visit, no obvious evidence of hazardous material spillage or contamination was observed along the section of railway adjoining the subject property, although the spur has been out of use for many years. Based on the proposed re-development and future soil disturbance planned for the property in the vicinity of the railroad right-of-way, it would be prudent to evaluate the soils in the affected area for potential hazardous constituents.

**SECTION IX.**  
**ADJOINING PROPERTY OBSERVATIONS**

As discussed below, based upon limited observations of the adjoining properties from publicly accessible locations, as well as a review of federal, state, and local environmental databases, none of the adjoining properties appeared to have significantly environmentally impacted the subject property at this time.

Historically, nearby properties utilized various hazardous materials, and some of these sites may have impacted the environment (refer to Section V). However, based upon the limited database information available to PEI, these sites do not appear to have significantly environmentally impaired the subject property at this time.

**A. ADJOINING PROPERTIES MATERIALS STORAGE**

Visual observations of the portions of the adjoining properties visible from the subject property or public roadways did not indicate the exterior storage of hazardous materials or wastes. No indications of spillage or staining were observed in the observable exterior areas of these sites. Additionally, no obvious indications of improper hazardous material storage or unusual or suspicious materials handling or storage practices were observed.

**B. ADJOINING PROPERTIES WASTESTREAM DISPOSAL**

No unusual or suspicious wastestream disposal activities were observed on the portions of the adjoining properties visible from the subject property or public roadways.

**SECTION X.**  
**STATEMENT OF THE ENVIRONMENTAL PROFESSIONALS**

This Assessment has been performed for the exclusive use and benefit of the addressee(s) identified on the cover of this report, or agents directly specified by it (them), for the transaction at issue concerning the subject property described in this report. This Assessment shall not be used or relied upon by others without the prior written consent of Pinnacle Environmental, Inc. and of the addressee(s) named on the cover of this report. In addition to any limitations described in this report, it is also subject to the terms and conditions of the signed service agreement with the Client.

**STATEMENT OF QUALITY ASSURANCE**

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

Signature of Environmental Assessor – *Peter K. Cloven, CEM #1313, REA #07347:*

\_\_\_\_\_  
Signature/Environmental Assessor

**STATEMENT OF QUALITY CONTROL**

The conclusions contained within this Assessment are based upon site conditions that were readily observed and were reasonably ascertainable and present at the time of the site visit, and upon the other research performed as detailed within this report. The findings and conclusions represent our best professional opinion and judgment. In addition, the conclusions and recommendations stated in this report are based upon personal observations made by PEI and upon information provided by others and such information is presumed accurate.

Signature of Environmental Professional - *David W. Copp, CHMM, REA #05148:*

\_\_\_\_\_  
Signature/Environmental Professional

**PINNACLE ENVIRONMENTAL, INC.**  
**QUALIFICATIONS OF**  
**PERSONNEL INVOLVED IN THIS ASSESSMENT**

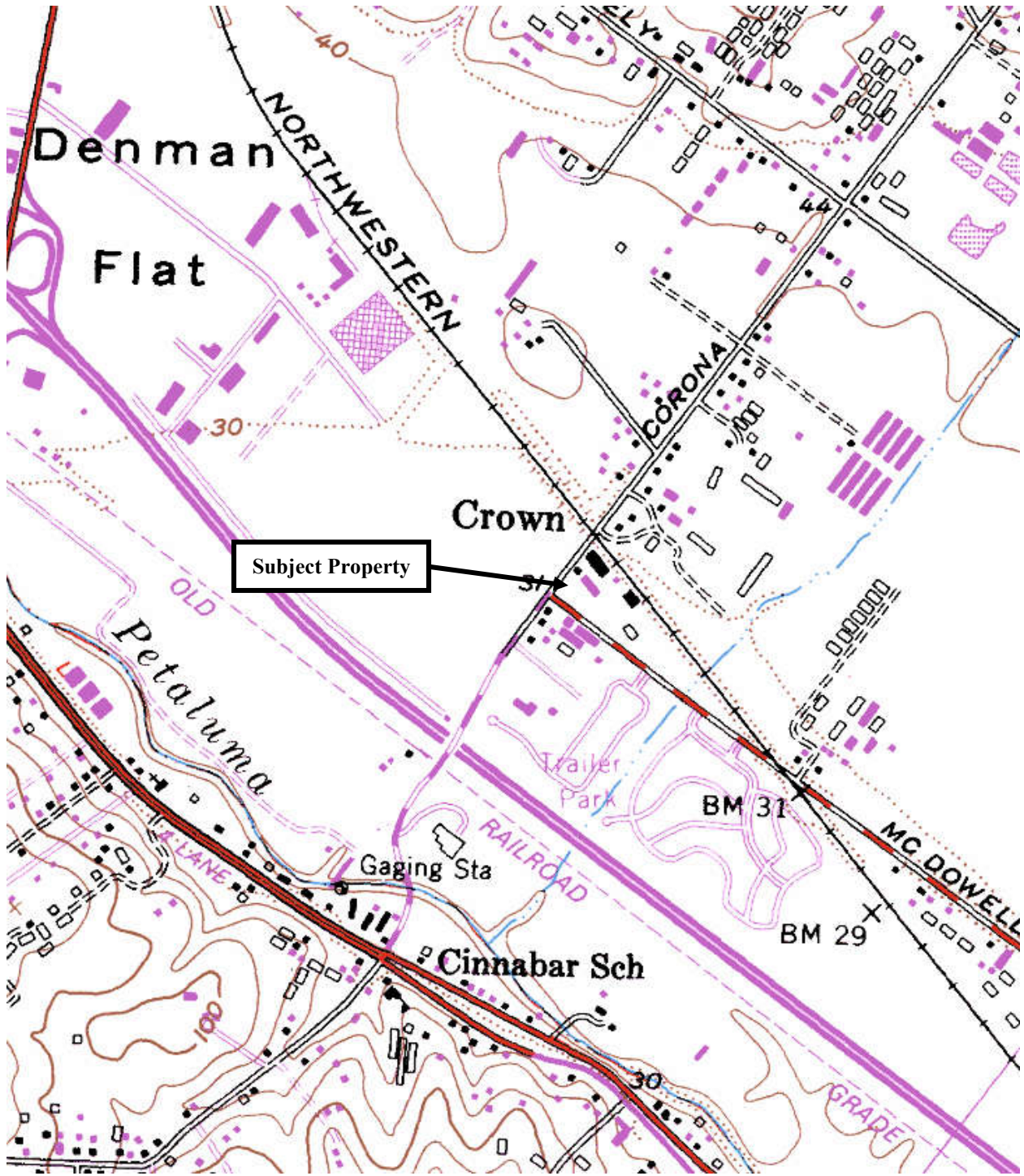
***DAVID W. COPP, CHMM, REA #05148, PRINCIPAL ASSESSOR***

Mr. Copp is a single-point-of-contact manager that can provide on-going client service from project start to finish. Mr. Copp earned a B.A. degree in Environmental Studies from California State University, San Bernardino (1987) and a Certificate in Hazardous Materials Management from the University of California, Riverside (1992). Mr. Copp has over 25 years of experience within the environmental consulting industry. Mr. Copp is responsible for performing project work (Phase I and II Environmental Assessments [Phase I ESA's], Property Condition Assessments, etc.), as well as business development and customer service roles. Mr. Copp has extensive experience in performing ESAs (personally over 3,000 projects in 23 states), Phase II Investigations, and Asbestos and Lead Surveys. Mr. Copp's multi-disciplinary skills in environmental consulting have been instrumental in the completion of Phase I ESAs and other projects on time and within budget. Mr. Copp holds (or has held) certifications as a Registered Environmental Assessor, USEPA 40-hour HAZWOPER, and has training as an AHERA asbestos inspector, and Cal-DHS lead-based paint inspector/assessor. Mr. Copp co-manages the environmental operations of PINNACLE including scheduling, client services and development, QA/OC, field work, and the development of ESA protocols and report formats. Mr. Copp is also a member of the ASTM committee on ESAs.

***PETER K. CLOVEN, REA #07347, C.E.M. #1313, PRINCIPAL ASSESSOR***

Mr. Cloven is a single-point-of-contact manager that can provide on-going client service from project start to finish. Mr. Cloven earned a B.A. degree in Biochemistry from the University of California, Berkeley (1986). He has more than 25 years of experience within the environmental consulting industry including project sales, and staff/personnel management. His project experience includes over 1,000 ESAs, turn-key management of underground storage tank projects, multiple Phase II site characterization projects (including soil gas surveys, Geoprobe® sampling of soil and groundwater, hollow stem auger sampling and monitoring well installation), Risk Based Corrective Action (RBCA) risk assessment, remediation, design implementation, operation and maintenance, and site closure. Mr. Cloven's clients have included the US Air Force, US Army Corp or Engineers, Nevada Department of Transportation, Sacramento Regional Transit District, insurance companies, lending institutions, and attorneys. Mr. Cloven has also performed environmental audits and prepared stormwater and air quality permits for industrial facilities. Mr. Cloven specializes in client relations, client services, and client technical consulting. Mr. Cloven also co-manages the environmental operations of PINNACLE including scheduling, client services and development, QA/OC, field work, and the development of ESA protocols and report formats. Mr. Cloven is a Registered Environmental Assessor in the state of California, Certified Environmental Manager in the state of Nevada, and has ASTM certification in RBCA assessment and USEPA 40-hour HAZWOPER training.

# **SITE MAPS**

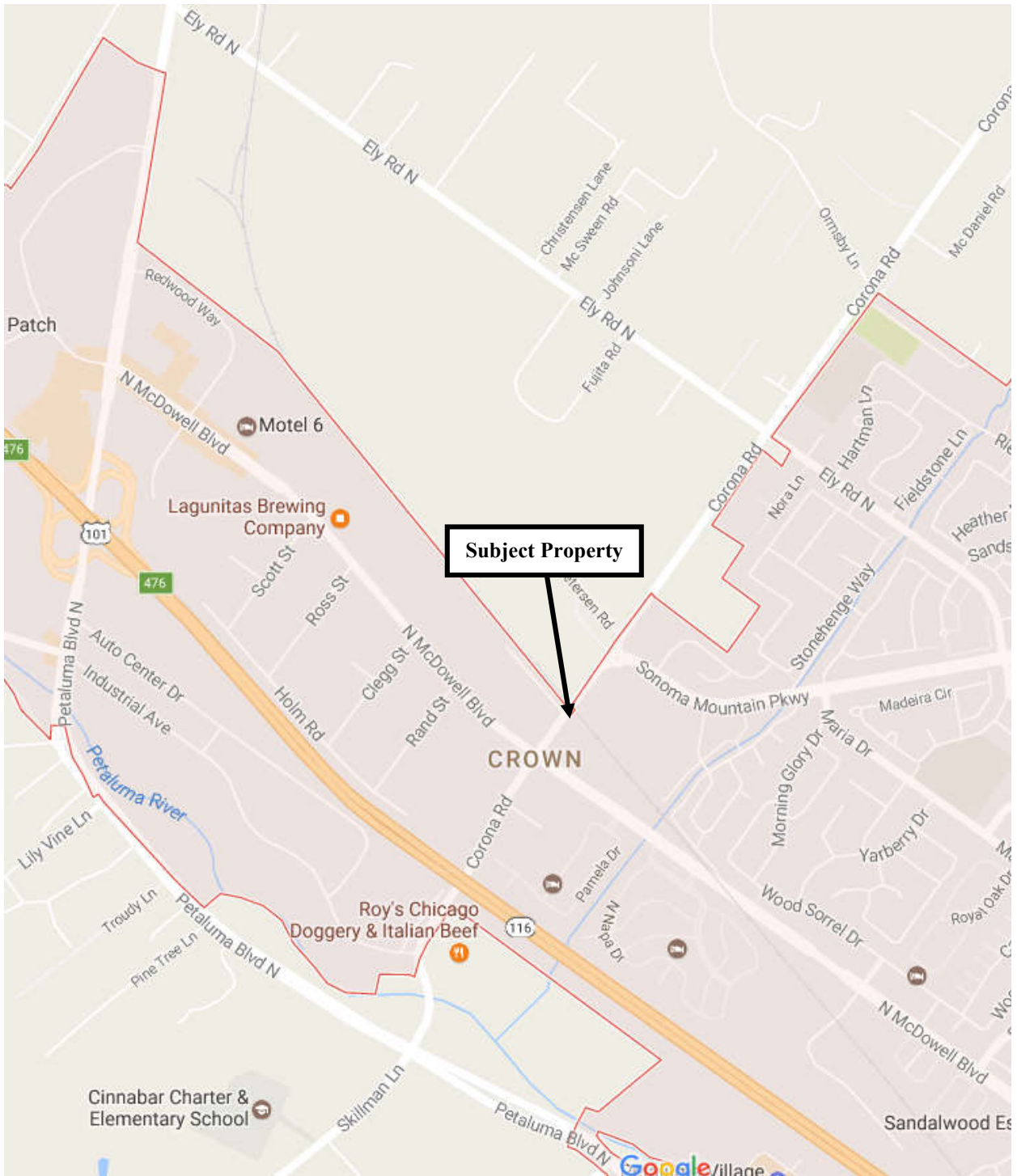


USGS 7.5 Minute Topographic Map  
1980 Cotati CA Quadrangle



FIGURE:  
**1**





**Site Vicinity Map**  
(source: Google Maps)

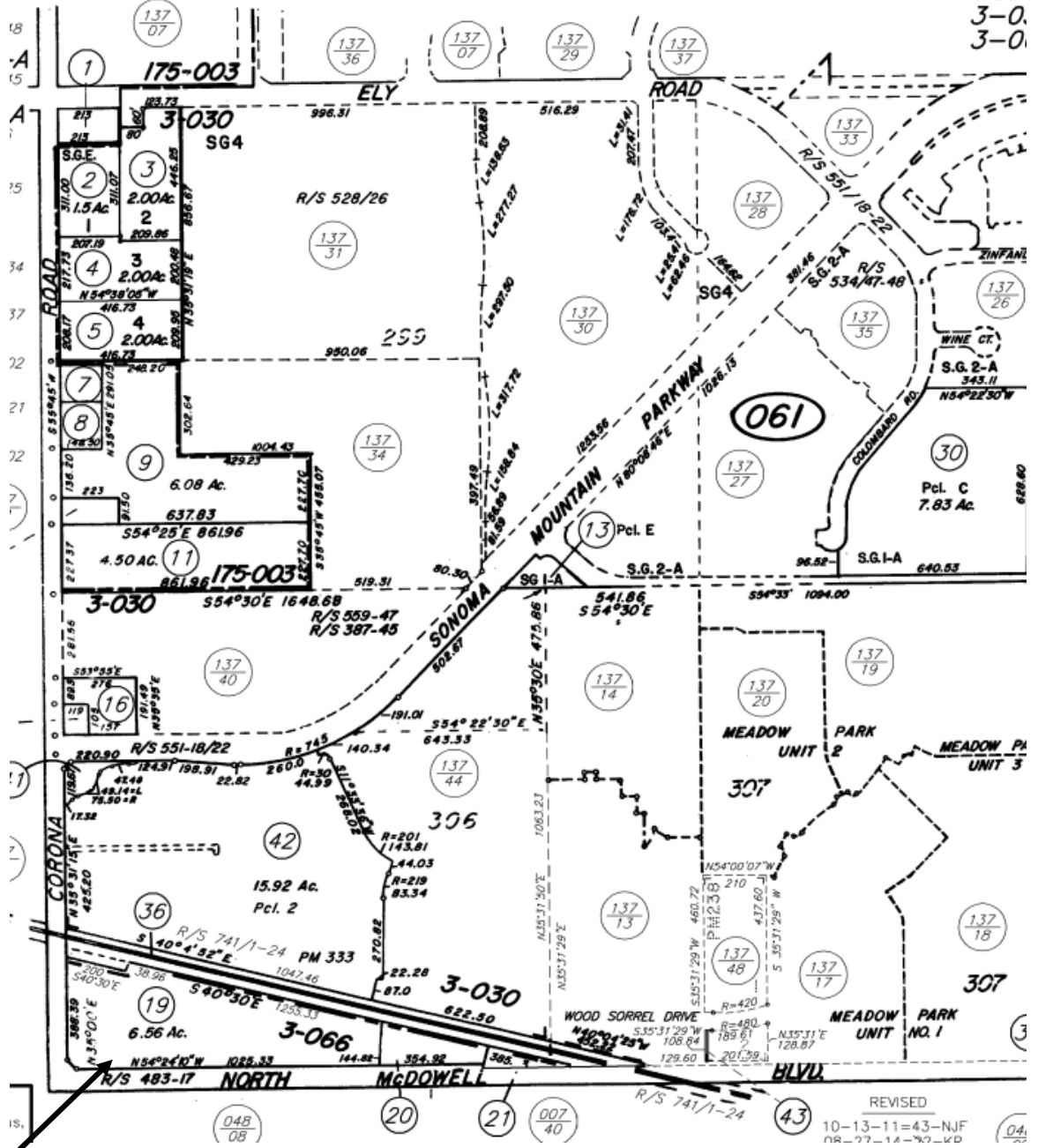


FIGURE:

2

# COUNTY ASSESSOR'S PARCEL MAP

TAX  
3-0.  
3-0.



Subject Property



Assessor's Parcel Map



FIGURE:

3





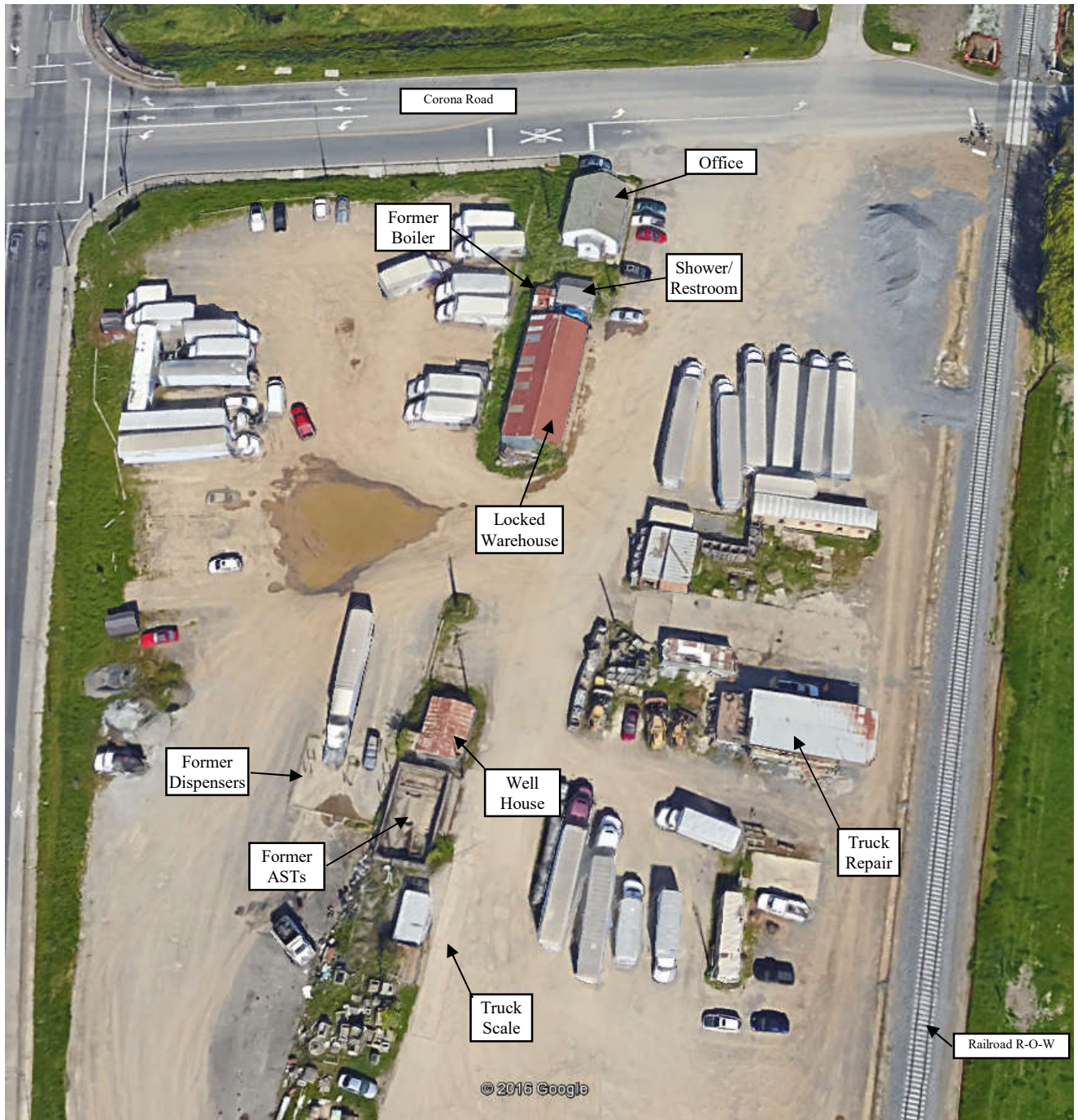
Aerial Photo ~ 2016



FIGURE:

4





Site Map – Northern Portion



FIGURE:

5





Site Map – Southern Portion



FIGURE:

6



Aerial Photo - 2012



FIGURE:

7



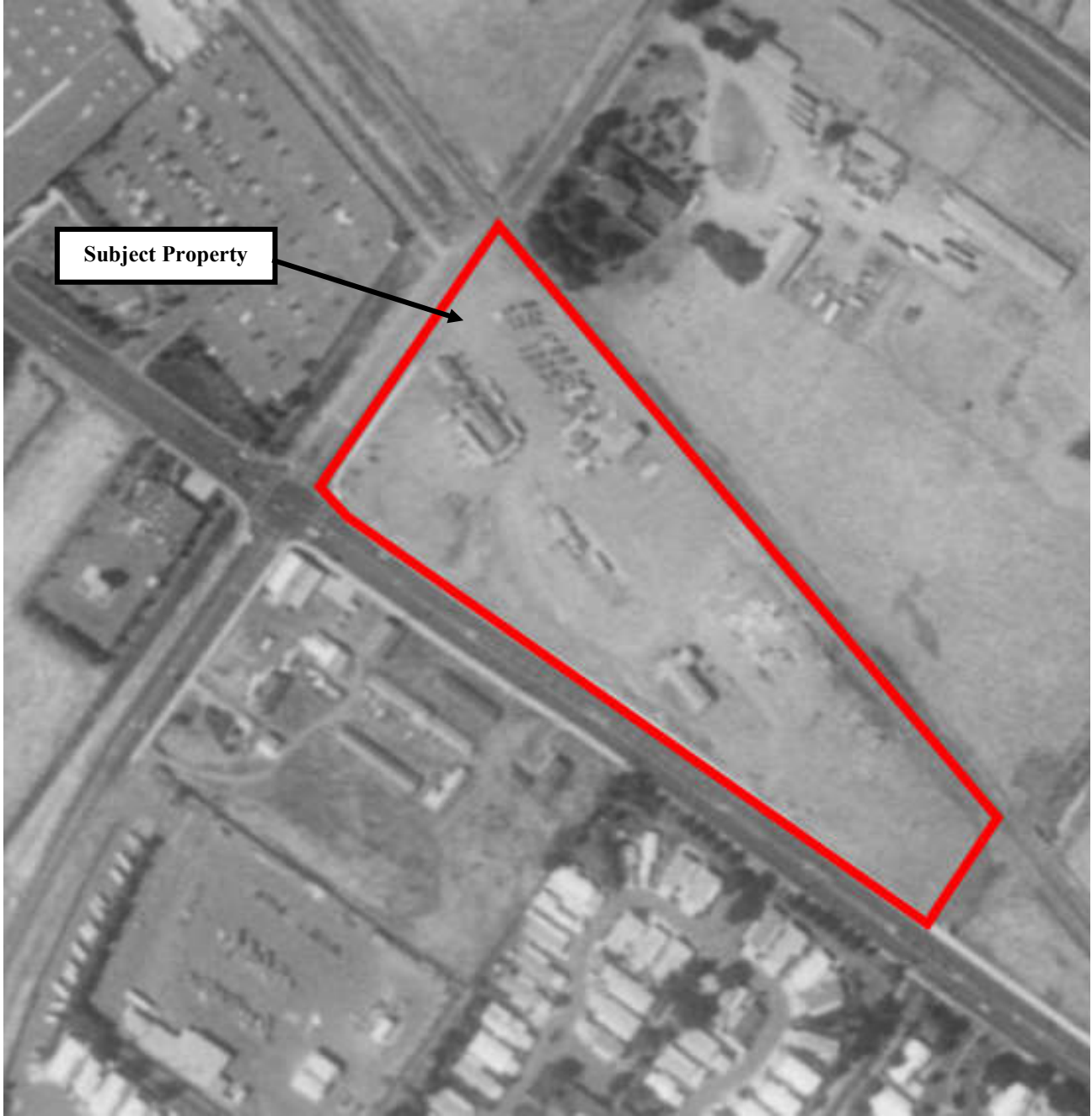


Aerial Photo - 2005



FIGURE:

8



Aerial Photo - 1993



FIGURE:

9





Aerial Photo - 1982



FIGURE:

10



Subject Property



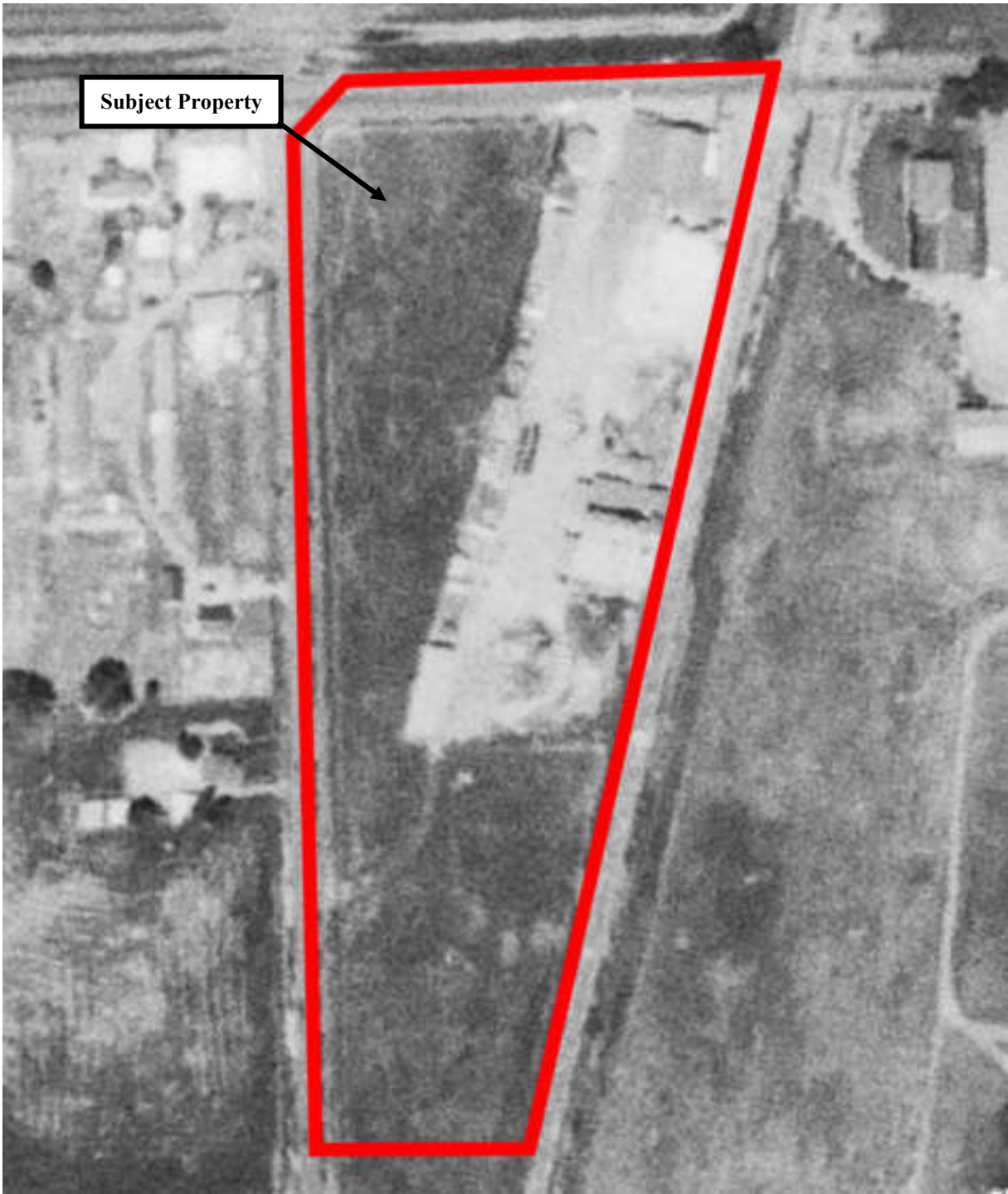
Aerial Photo - 1973



FIGURE:

11



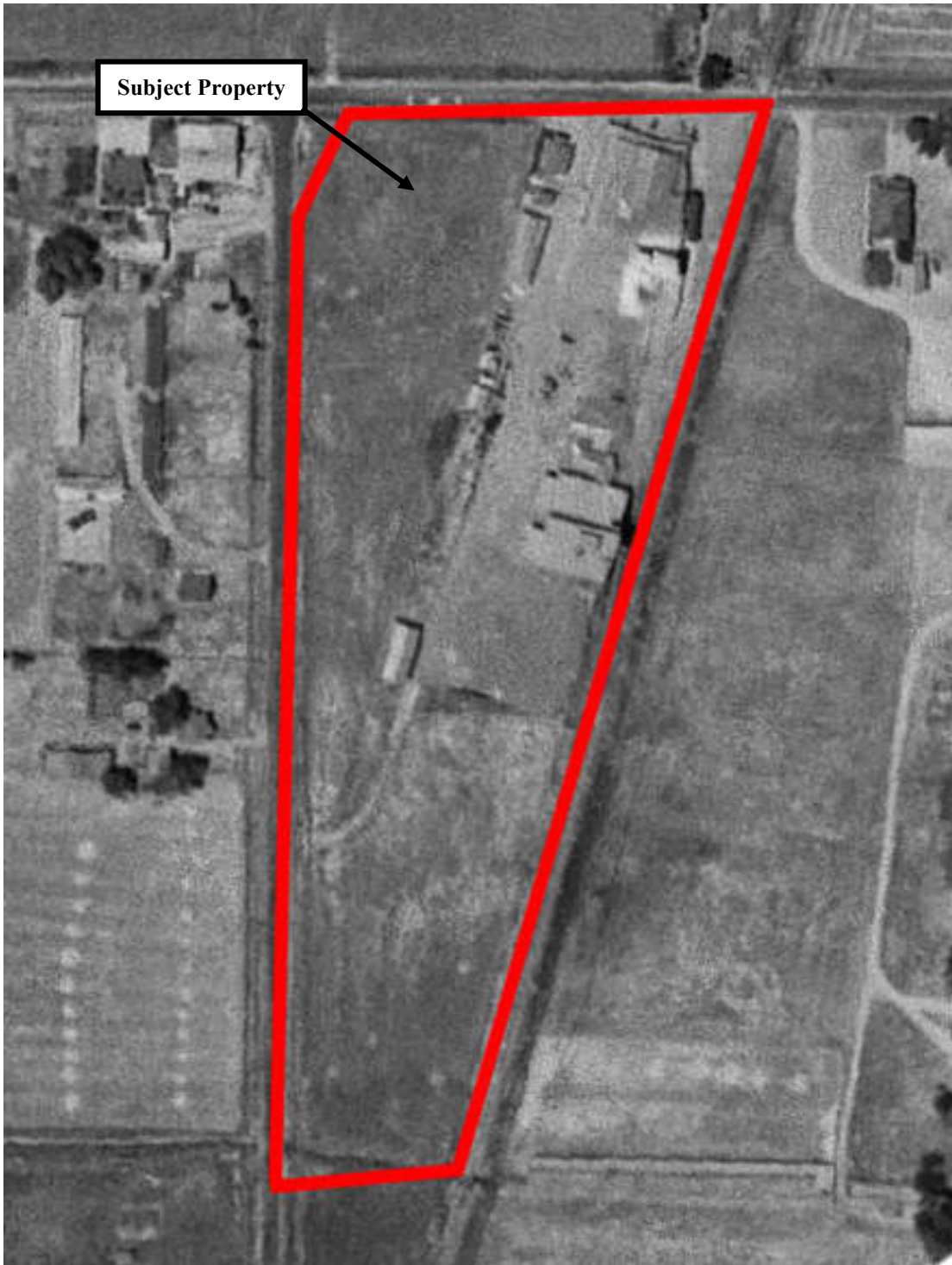


Aerial Photo - 1968

  
NORTH

FIGURE:

12

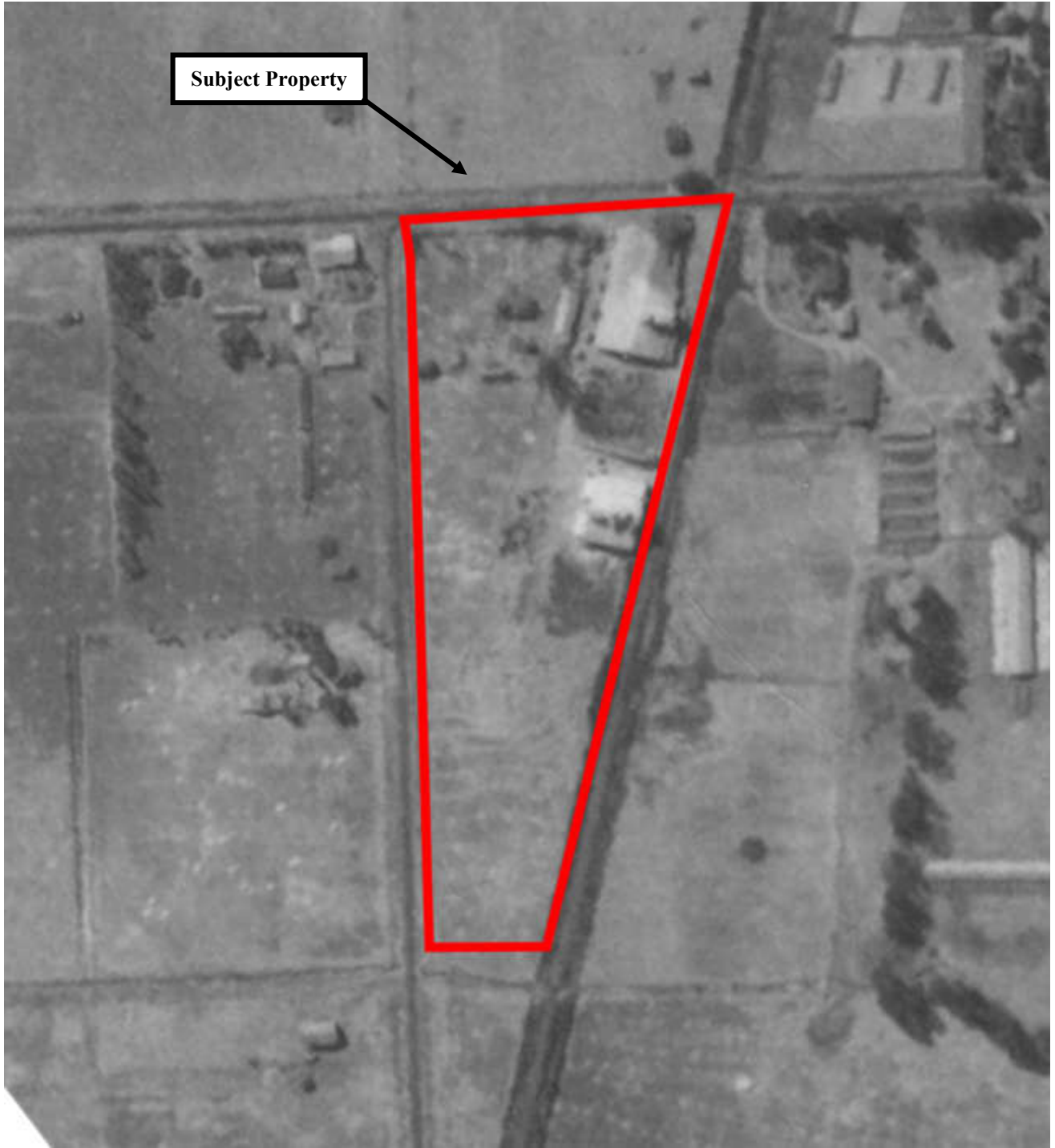


Aerial Photo - 1952



FIGURE:

13



Subject Property



Aerial Photo - 1942

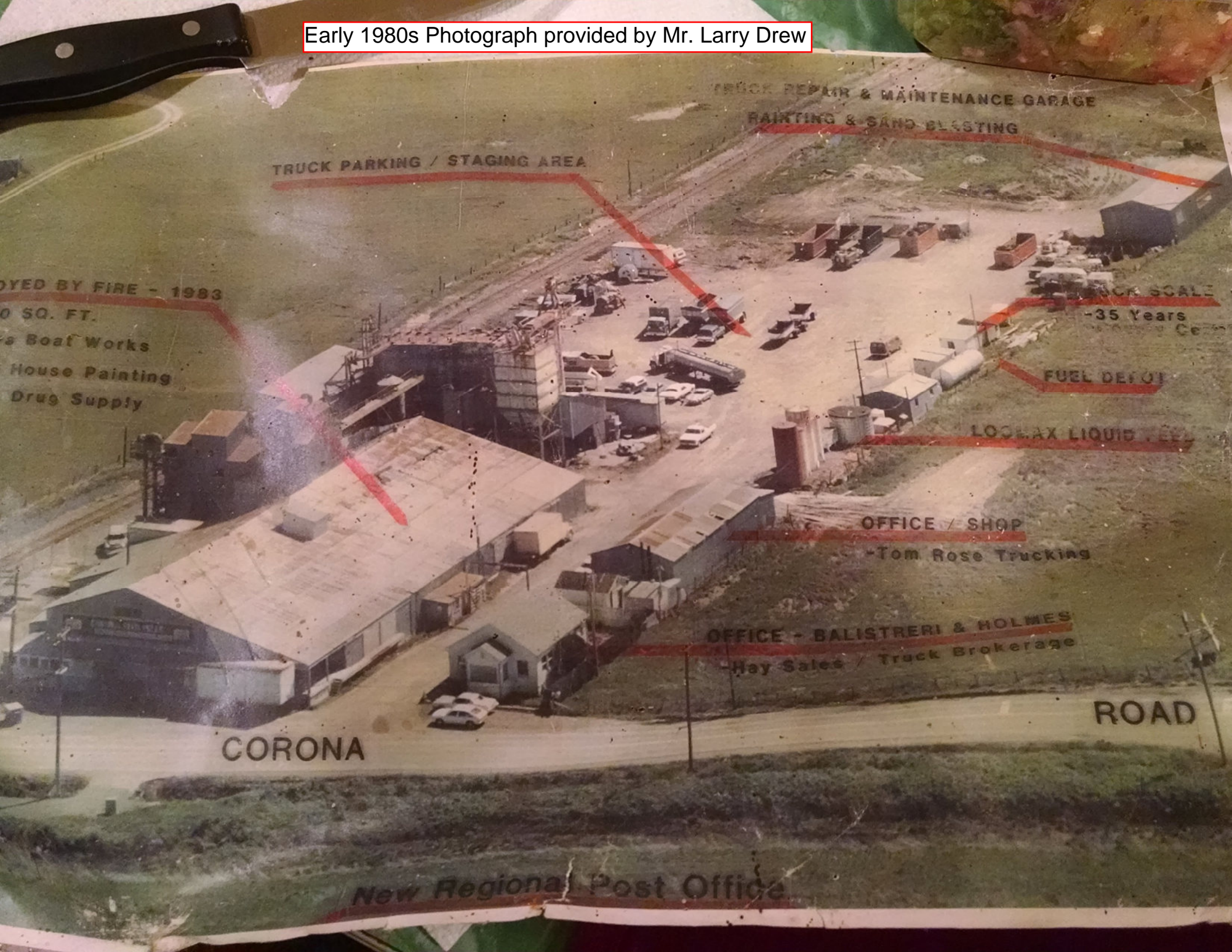


FIGURE:

14



Early 1980s Photograph provided by Mr. Larry Drew



BOYED BY FIRE - 1993

0 SQ. FT.

Boat Works

House Painting

Drug Supply

CORONA

TRUCK REPAIR & MAINTENANCE GARAGE

PAINTING & SAND-BLASTING

TRUCK PARKING / STAGING AREA

TRUCK SCALE

-35 Years

FUEL DEPOT

LOG-LAX LIQUID TEE

OFFICE / SHOP

-Tom Rose Trucking

OFFICE - BALISTRERI & HOLMES

-Hay Sales / Truck Brokerage

ROAD

New Regional Post Office

# **SITE PHOTOGRAPHS**





Photo #1:  
View of subject property  
from northwestern boundary

Photo #2:  
View of subject property from  
southern boundary



Photo #3:  
View of subject property  
from southeastern boundary





Photo #4:  
View of subject property's  
southeastern boundary

Photo #5:  
View of subject property's  
western boundary (along  
Corona Road)



Photo #6:  
View of subject property's  
northern boundary  
(along railroad tracks)



Photo #7:  
Northern adjoining  
property (pasture)



Photo #8:  
Southeastern adjoining  
property (creek & culvert)



Photo #9:  
Southern adjoining property  
(mobile home park, 911 N.  
McDowell)



Photo #10:  
Southwestern adjoining  
property (Muffler Shop, 967  
McDowell)



Photo #11:  
Southwestern adjoining property  
(Automotive Repair, 278 Corona)



Photo #12:  
Western adjoining property  
(U.S. Post Office & parking,  
1150 N. McDowell)





Photo #13:  
Office building at Corona  
entrance (addressed 320  
Corona, Moga Transport)

Photo #14:  
White shower/locker room  
building, masonry boiler building,  
rectangular corrugated metal  
building near Corona entrance



Photo #15:  
White shower/locker room building,  
masonry boiler building, rectangular  
corrugated metal building near  
Corona entrance



Photo #16:  
Masonry boiler building,  
shower/locker room, and office  
near Corona entrance

Photo #17:  
Storage shed for AJR  
Trucking



Photo #18:  
Oil storage within shed  
for AJR Trucking



Photo #19:  
Well house shed

Photo #20:  
Groundwater well within well  
house shed



Photo #21:  
Well house shed (right) and former  
AST storage areas (left); noted  
former dispenser piping in front of  
AST concrete berm





Photo #22:  
Interior of former AST  
storage area



Photo #23:  
Former pump islands  
on south side of ASTs



Photo #24:  
Plumbing within pump  
island

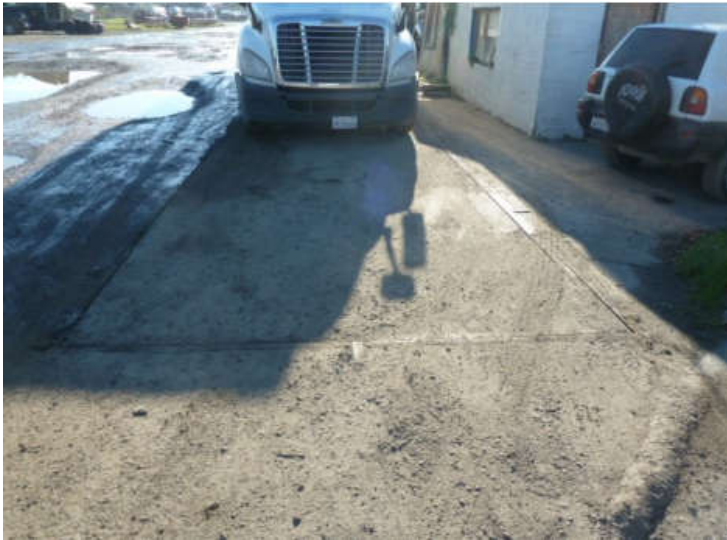


Photo #25:  
Truck scale



Photo #26:  
Truck scale house (masonry,  
right) and wooden shed (left),  
both locked during visit



Photo #27:  
AST associated with  
paving business





Photo #28:  
Miscellaneous surface storage  
associated with paving business

Photo #29:  
Central metal building  
associated with truss  
manufacturing business  
(view to east)



Photo #30:  
Central metal building  
associated with truss  
manufacturing business  
(view to southwest)



Photo #31:  
Interior of central metal  
building associated with truss  
manufacturing business  
(locked during visit)

Photo #32:  
Office area of central metal  
building associated with truss  
manufacturing business  
(locked during visit)



Photo #33:  
Compressor shed on east  
side of central metal building



Photo #34:  
Northern-most truss  
assembly area

Photo #35:  
Covered truss  
assembly area



Photo #36:  
Truss assembly area. One of 6  
stations, each with electrical and  
compressor plumbing (front left)





Photo #37:  
Electrical on southeast corner of  
central metal building,  
compressor shed (right)

Photo #38:  
Covered truck repair  
area



Photo #39:  
Stored petroleum products  
and surface staining



Photo #40:  
Wooden and metal sheds



Photo #41:  
Signage on metal shed  
“Carlos Truck Repair” with  
address 320 Corona



Photo #42:  
Masonry storage shed  
(locked)



Photo #43:  
Storage container with hazardous materials (AST with Urea Liquor (diesel exhaust fluid), and other petroleum products




Photo #44:  
Interior former boiler shed



Photo #45:  
Exterior drum storage

# **SANBORN MAPS**



Commercial Property  
890 North McDowell Boulevard  
Petaluma, CA 94954

Inquiry Number: 4805271.3

December 14, 2016

## 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

12/14/16

**Site Name:**

Commercial Property  
890 North McDowell Boulevard  
Petaluma, CA 94954  
EDR Inquiry # 4805271.3

**Client Name:**

Pinnacle Environmental Inc.  
PO Box 1956  
Paradise, CA 95967-0000  
Contact: Peter Cloven



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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** 6BE2-4CFB-BED9  
**PO #** 16-3985  
**Project** 16-3985

### 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 #: 6BE2-4CFB-BED9

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™*

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**REGULATORY  
DATABASE SEARCH**

**Commercial Property**

890 North McDowell Boulevard  
Petaluma, CA 94954

Inquiry Number: 4805271.2s  
December 14, 2016

# 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

890 NORTH MCDOWELL BOULEVARD  
PETALUMA, CA 94954

#### COORDINATES

Latitude (North): 38.2663050 - 38° 15' 58.69"  
Longitude (West): 122.6551160 - 122° 39' 18.41"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 530170.9  
UTM Y (Meters): 4235212.5  
Elevation: 32 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602420 COTATI, CA  
Version Date: 2012  
  
South Map: 5602158 PETALUMA, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140608  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
890 NORTH MCDOWELL BOULEVARD  
PETALUMA, CA 94954

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	V DOLAN TRUCKING INC	320 CORONA RD	RCRA NonGen / NLR, FINDS, ECHO	Higher	18, 0.003, NW
B2		967 N MCDOWELL BLVD	EDR Hist Auto	Lower	69, 0.013, West
A3	FIRE STATION 2	1001 NO MCDOWELL BLV	HIST UST	Lower	117, 0.022, WNW
B4	J & D AUTOMOTIVE	278 CORONA RD.	Notify 65	Lower	230, 0.044, West
B5		278 CORONA RD	EDR Hist Auto	Lower	230, 0.044, West
B6	J & D AUTOMOTIVE	278 CORONA RD.	Notify 65	Lower	230, 0.044, West
B7	J & D AUTOMOTIVE	278 CORONA	SWEEPS UST, CA FID UST	Lower	230, 0.044, West
B8	J AND D AUTOMOTIVE	278 CORONA RD	LUST, HIST UST, HIST CORTESE	Lower	230, 0.044, West
B9	J & D AUTOMOTIVE	278 CORONA RD.	Notify 65	Lower	230, 0.044, West
B10	PROPERTY OWNER - JOE	276 CORONA RD	HIST UST	Lower	241, 0.046, West
C11		1031 MCDOWELL BLVD N	AST	Lower	266, 0.050, WNW
12	WILLIAM BRODY	360 CORONA RD	HIST UST	Higher	282, 0.053, North
C13	AUTODESK INC.	1031 N MCDOWELL BLVD	AST	Lower	411, 0.078, WNW
D14	PG&E PETALUMA SERVIC	210 CORONA RD	RCRA-SQG, FINDS, HAZNET, ECHO	Lower	636, 0.120, SW
D15		210 CORONA RD	AST	Lower	636, 0.120, SW
D16	PG&E "B" SUBSTATION	210 CORONA ROAD	UST	Lower	636, 0.120, SW
D17	PG&E: PETALUMA SERVI	210 CORONA ROAD	AST	Lower	636, 0.120, SW
D18	PETALUMA SERVICE CEN	210 CORONA ROAD	LUST, SLIC, HIST UST, HIST CORTESE	Lower	636, 0.120, SW
D19	PETALUMA SERVICE CEN	210 CORONA ROAD	SWEEPS UST	Lower	636, 0.120, SW
20		701 SONOMA MOUNTAIN	EDR Hist Cleaner	Higher	647, 0.123, NNE
21	NAK ENGINEERING	1324 RAND STREET	RCRA-SQG, FINDS, ECHO	Lower	1066, 0.202, West
22	ROSE PROPERTY	101 PETALUMA	HIST CORTESE	Lower	1160, 0.220, SSE
23	PETALUMA HEALTH CENT	1179 N MCDOWELL BLVD	RCRA-SQG, FINDS, ECHO	Lower	1240, 0.235, WNW
E24	VIKING FREIGHT SYSTE	1230 N MCDOWELL BLVD	AST, SWEEPS UST, CA FID UST, WDS	Higher	1315, 0.249, NW
E25	VIKING FREIGHT SYSTE	1230 N MCDOWELL BLVD	RCRA-SQG, HIST UST, FINDS, ECHO	Higher	1315, 0.249, NW
E26		1230 MCDOWELL BLVD N	AST	Higher	1315, 0.249, NW
E27	VIKING FREIGHT SYSTE	1230 MCDOWELL	LUST, HIST CORTESE	Higher	1315, 0.249, NW
28	MEADOW PARK UNIT1/WO	WOOD SORREL DRIVE BE	US BROWNFIELDS	Higher	1358, 0.257, SE
F29	CHEVRON	2 PETALUMA	HIST CORTESE	Lower	1456, 0.276, SSE
F30	HANSEL FORD (FORMER)	13 PETALUMA BLVD S	LUST, HIST CORTESE	Lower	1480, 0.280, SSE
31	SMALL PRECISION TOOL	1330 CLEGG ST	RCRA-SQG, FINDS, EMI, HAZNET, HIST CORTESE, ECHO	Lower	1488, 0.282, WNW
32	MALTBY ELECTRIC SUPP	1200 HOLM RD	LUST, HIST CORTESE	Lower	1886, 0.357, West
33	GREENKO, INC	84 CORONA ROAD	SWF/LF	Lower	1959, 0.371, SW
G34	SPONGBERG, CHARLES	1330 ROSS STREET	Notify 65	Higher	2099, 0.398, WNW
G35	OFFICE HELPER PRODUC	1330 ROSS	LUST, HIST CORTESE	Higher	2099, 0.398, WNW
G36	LEONARD JAY DEVELOPM	1334 ROSS	LUST, HIST CORTESE	Higher	2149, 0.407, NW
37	BOULEVARD DELI	3590 PETALUMA	LUST, HIST CORTESE	Lower	2516, 0.477, SW
H38	COMCAST OF CALIFORNI	1289 N MCDOWELL BLVD	HIST UST, EMI, HIST CORTESE	Higher	2521, 0.477, NW
H39	VIACOM CABLE VISION	1289 MCDOWELL BLVD N	LUST	Higher	2543, 0.482, NW

MAPPED SITES SUMMARY

Target Property Address:  
 890 NORTH MCDOWELL BOULEVARD  
 PETALUMA, CA 94954

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">40</a>	BOLLINGER PROPERTY	580 CORONA RD	LUST, HIST CORTESE	Higher	2615, 0.495, NNE
<a href="#">41</a>	SMITH PROPERTY (FORM	1290 HOLM RD	LUST, Notify 65	Higher	2703, 0.512, WNW
<a href="#">42</a>		745 N MCDOWELL BLVD	Notify 65	Higher	2715, 0.514, SE
<a href="#">43</a>	PETALUMA COMMUNITY S	1355 INDUSTRIAL AVEN	ENVIROSTOR, SCH	Lower	3686, 0.698, West
<a href="#">44</a>	TAKASHI KOGA PROPERT	763 CORONA ROAD	LUST, Notify 65	Higher	4210, 0.797, NNE
<a href="#">45</a>	JUNIOR HIGH SCHOOL	SANDSTONE DRIVE/RIES	ENVIROSTOR, SCH	Higher	4430, 0.839, NE
<a href="#">46</a>	STEEL BEAR DELI	5155 OLD REDWOOD HWY	LUST, Notify 65	Higher	4710, 0.892, NW
<a href="#">47</a>	3M OPTICS TECH CENTE	1331 COMMERCE ST	ENVIROSTOR	Lower	4794, 0.908, SE
<a href="#">48</a>	3M OPTICAL SYSTEMS-P	1331 COMMERCE STREET	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, HIST	Lower	4794, 0.908, SE
<a href="#">49</a>	PETALUMA TIRE & BRAK	5320 OLD REDWOOD HWY	ENVIROSTOR	Higher	4967, 0.941, NW

# 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 non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large 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  
US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System



## EXECUTIVE SUMMARY

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

RESPONSE..... State Response Sites

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

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

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

FEMA UST..... Underground Storage Tank Listing

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

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

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

BROWNFIELDS..... Considered Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

ODI..... Open Dump Inventory

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

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

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

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

## EXECUTIVE SUMMARY

LDS..... Land Disposal Sites Listing  
MCS..... Military Cleanup Sites Listing  
SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
FINDS..... Facility Index System/Facility Registry System  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
UXO..... Unexploded Ordnance Sites  
CA BOND EXP. PLAN..... Bond Expenditure Plan  
Cortese..... "Cortese" Hazardous Waste & Substances Sites List  
CUPA Listings..... CUPA Resources List  
DRYCLEANERS..... Cleaner Facilities  
EMI..... Emissions Inventory Data  
ENF..... Enforcement Action Listing  
Financial Assurance..... Financial Assurance Information Listing  
HAZNET..... Facility and Manifest Data  
HWT..... Registered Hazardous Waste Transporter Database  
MINES..... Mines Site Location Listing  
MWMP..... Medical Waste Management Program Listing  
NPDES..... NPDES Permits Listing  
PEST LIC..... Pesticide Regulation Licenses Listing  
PROC..... Certified Processors Database  
UIC..... UIC Listing

## EXECUTIVE SUMMARY

WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines
ICE.....	ICE
ECHO.....	Enforcement & Compliance History Information

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
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### EDR RECOVERED GOVERNMENT ARCHIVES

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

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/27/2016 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>3M OPTICAL SYSTEMS-P</i></b>	<b><i>1331 COMMERCE STREET</i></b>	<b><i>SE 1/2 - 1 (0.908 mi.)</i></b>	<b><i>148</i></b>	<b><i>89</i></b>

## EXECUTIVE SUMMARY

### ***Federal RCRA generators list***

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

A review of the RCRA-SQG list, as provided by EDR, and dated 06/21/2016 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VIKING FREIGHT SYSTE</b>	<b>1230 N MCDOWELL BLVD</b>	<b>NW 1/8 - 1/4 (0.249 mi.)</b>	<b>E25</b>	<b>37</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PG&amp;E PETALUMA SERVIC</b>	<b>210 CORONA RD</b>	<b>SW 0 - 1/8 (0.120 mi.)</b>	<b>D14</b>	<b>20</b>
<b>NAK ENGINEERING</b>	<b>1324 RAND STREET</b>	<b>W 1/8 - 1/4 (0.202 mi.)</b>	<b>21</b>	<b>30</b>
<b>PETALUMA HEALTH CENT</b>	<b>1179 N MCDOWELL BLVD</b>	<b>WNW 1/8 - 1/4 (0.235 mi.)</b>	<b>23</b>	<b>31</b>

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

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/01/2016 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>JUNIOR HIGH SCHOOL</b> Facility Id: 49010004 Status: No Action Required	<b>SANDSTONE DRIVE/RIES</b>	<b>NE 1/2 - 1 (0.839 mi.)</b>	<b>45</b>	<b>78</b>
<b>PETALUMA TIRE &amp; BRAK</b> Facility Id: 49750005 Status: Refer: Other Agency	<b>5320 OLD REDWOOD HWY</b>	<b>NW 1/2 - 1 (0.941 mi.)</b>	<b>49</b>	<b>102</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PETALUMA COMMUNITY S</b> Facility Id: 49000001 Status: No Action Required	<b>1355 INDUSTRIAL AVEN</b>	<b>W 1/2 - 1 (0.698 mi.)</b>	<b>43</b>	<b>75</b>
<b>3M OPTICS TECH CENTE</b> Facility Id: 80001855	<b>1331 COMMERCE ST</b>	<b>SE 1/2 - 1 (0.908 mi.)</b>	<b>147</b>	<b>88</b>

## EXECUTIVE SUMMARY

Status: No Action Required

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF 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>
GREENKO, INC Database: SWF/LF (SWIS), Date of Government Version: 08/15/2016 Facility ID: 49-AA-0396 Operational Status: Closed Regulation Status: Not Currently Regulated	84 CORONA ROAD	SW 1/4 - 1/2 (0.371 mi.)	33	59

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VIKING FREIGHT SYSTE</b> Database: LUST, Date of Government Version: 09/12/2016 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: SONOMA CO. LUST, Date of Government Version: 07/01/2016 Status: Completed - Case Closed Facility Id: 49-0208 Facility Status: Case Closed Global ID: T0609700969 date9: 8/22/1996 Global Id: T0609700969	<b>1230 MCDOWELL</b>	<b>NW 1/8 - 1/4 (0.249 mi.)</b>	<b>E27</b>	<b>42</b>
<b>OFFICE HELPER PRODUC</b> Database: LUST, Date of Government Version: 09/12/2016 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: SONOMA CO. LUST, Date of Government Version: 07/01/2016 Status: Completed - Case Closed Facility Id: 49-0111 Facility Status: Pollution Characterization Global ID: T0609700875 Global Id: T0609700875	<b>1330 ROSS</b>	<b>WNW 1/4 - 1/2 (0.398 mi.)</b>	<b>G35</b>	<b>60</b>
<b>LEONARD JAY DEVELOPM</b> Database: LUST, Date of Government Version: 09/12/2016 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: SONOMA CO. LUST, Date of Government Version: 07/01/2016	<b>1334 ROSS</b>	<b>NW 1/4 - 1/2 (0.407 mi.)</b>	<b>G36</b>	<b>64</b>





## EXECUTIVE SUMMARY

Status: Completed - Case Closed  
 Facility Id: 49-0097  
 Facility Status: Case Closed  
 Global ID: T0609700864  
 date9: 12/6/1993  
 Global Id: T0609700864

**BOULEVARD DELI** **3590 PETALUMA** **SW 1/4 - 1/2 (0.477 mi.)** **37** **66**

Database: LUST, Date of Government Version: 09/12/2016  
 Database: LUST REG 2, Date of Government Version: 09/30/2004  
 Database: SONOMA CO. LUST, Date of Government Version: 07/01/2016  
 Status: Completed - Case Closed  
 Facility Id: 49-0292  
 Facility Status: Case Closed  
 Global ID: T0609701038  
 date9: 7/21/2000  
 Global Id: T0609701038

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>PETALUMA SERVICE CEN</b>	<b>210 CORONA ROAD</b>	<b>SW 0 - 1/8 (0.120 mi.)</b>	<b>D18</b>	<b>25</b>
Database: SLIC, Date of Government Version: 09/12/2016 Facility Status: Completed - Case Closed Global Id: SL0609752302				

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

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 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>PG&amp;E "B" SUBSTATION</b>	<b>210 CORONA ROAD</b>	<b>SW 0 - 1/8 (0.120 mi.)</b>	<b>D16</b>	<b>25</b>
Database: UST, Date of Government Version: 09/12/2016 Facility Id: 600000				

## EXECUTIVE SUMMARY

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there are 6 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VIKING FREIGHT SYSTE</b> Not reported	<b>1230 N MCDOWELL BLVD</b> 1230 MCDOWELL BLVD N	<b>NW 1/8 - 1/4 (0.249 mi.)</b> NW 1/8 - 1/4 (0.249 mi.)	<b>E24</b> E26	<b>33</b> 42
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1031 MCDOWELL BLVD N	WNW 0 - 1/8 (0.050 mi.)	C11	18
AUTODESK INC.	1031 N MCDOWELL BLVD	WNW 0 - 1/8 (0.078 mi.)	C13	19
Not reported	210 CORONA RD	SW 0 - 1/8 (0.120 mi.)	D15	24
PG&E: PETALUMA SERVI	210 CORONA ROAD	SW 0 - 1/8 (0.120 mi.)	D17	25

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Brownfield lists**

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 09/20/2016 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MEADOW PARK UNIT1/WO	WOOD SORREL DRIVE BE	SE 1/4 - 1/2 (0.257 mi.)	28	44

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

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VIKING FREIGHT SYSTE</b> Status: A Tank Status: A Comp Number: 2224	<b>1230 N MCDOWELL BLVD</b>	<b>NW 1/8 - 1/4 (0.249 mi.)</b>	<b>E24</b>	<b>33</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>J &amp; D AUTOMOTIVE</b>	<b>278 CORONA</b>	<b>W 0 - 1/8 (0.044 mi.)</b>	<b>B7</b>	<b>11</b>



## EXECUTIVE SUMMARY

### **Other Ascertainable Records**

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/21/2016 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>V DOLAN TRUCKING INC</b>	<b>320 CORONA RD</b>	<b>NW 0 - 1/8 (0.003 mi.)</b>	<b>A1</b>	<b>8</b>

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 13 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VIKING FREIGHT SYSTE</b> Reg Id: 49-0208	<b>1230 MCDOWELL</b>	<b>NW 1/8 - 1/4 (0.249 mi.)</b>	<b>E27</b>	<b>42</b>
<b>OFFICE HELPER PRODUC</b> Reg Id: 49-0111	<b>1330 ROSS</b>	<b>WNW 1/4 - 1/2 (0.398 mi.)</b>	<b>G35</b>	<b>60</b>
<b>LEONARD JAY DEVELOPM</b> Reg Id: 49-0091	<b>1334 ROSS</b>	<b>NW 1/4 - 1/2 (0.407 mi.)</b>	<b>G36</b>	<b>64</b>
<b>COMCAST OF CALIFORNI</b> Reg Id: 49-0207	<b>1289 N MCDOWELL BLVD</b>	<b>NW 1/4 - 1/2 (0.477 mi.)</b>	<b>H38</b>	<b>68</b>
<b>BOLLINGER PROPERTY</b> Reg Id: 49-0017	<b>580 CORONA RD</b>	<b>NNE 1/4 - 1/2 (0.495 mi.)</b>	<b>40</b>	<b>72</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>J AND D AUTOMOTIVE</b> Reg Id: 49-0169	<b>278 CORONA RD</b>	<b>W 0 - 1/8 (0.044 mi.)</b>	<b>B8</b>	<b>13</b>
<b>PETALUMA SERVICE GEN</b> Reg Id: 49-0127	<b>210 CORONA ROAD</b>	<b>SW 0 - 1/8 (0.120 mi.)</b>	<b>D18</b>	<b>25</b>
<b>ROSE PROPERTY</b> Reg Id: 49-0140	<b>101 PETALUMA</b>	<b>SSE 1/8 - 1/4 (0.220 mi.)</b>	<b>22</b>	<b>31</b>
<b>CHEVRON</b> Reg Id: 49-0030	<b>2 PETALUMA</b>	<b>SSE 1/4 - 1/2 (0.276 mi.)</b>	<b>F29</b>	<b>47</b>
<b>HANSEL FORD (FORMER)</b> Reg Id: 49-0070	<b>13 PETALUMA BLVD S</b>	<b>SSE 1/4 - 1/2 (0.280 mi.)</b>	<b>F30</b>	<b>47</b>
<b>SMALL PRECISION TOOL</b> Reg Id: 2984	<b>1330 CLEGG ST</b>	<b>WNW 1/4 - 1/2 (0.282 mi.)</b>	<b>31</b>	<b>48</b>
<b>MALTBY ELECTRIC SUPP</b> Reg Id: 49-0097	<b>1200 HOLM RD</b>	<b>W 1/4 - 1/2 (0.357 mi.)</b>	<b>32</b>	<b>57</b>
<b>BOULEVARD DELI</b>	<b>3590 PETALUMA</b>	<b>SW 1/4 - 1/2 (0.477 mi.)</b>	<b>37</b>	<b>66</b>

## EXECUTIVE SUMMARY

Reg Id: 49-0292

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

A review of the HWP list, as provided by EDR, and dated 08/22/2016 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>3M OPTICAL SYSTEMS-P</b> EPA Id: CAT080033368 Cleanup Status: CLOSED	<b>1331 COMMERCE STREET</b>	<b>SE 1/2 - 1 (0.908 mi.)</b>	<b>I48</b>	<b>89</b>

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

A review of the Notify 65 list, as provided by EDR, and dated 09/10/2015 has revealed that there are 8 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPONGBERG, CHARLES	1330 ROSS STREET	WNW 1/4 - 1/2 (0.398 mi.)	G34	60
<b>SMITH PROPERTY (FORM</b>	<b>1290 HOLM RD</b>	<b>WNW 1/2 - 1 (0.512 mi.)</b>	<b>41</b>	<b>74</b>
Not reported	745 N MCDOWELL BLVD	SE 1/2 - 1 (0.514 mi.)	42	75
<b>TAKASHI KOGA PROPERT</b>	<b>763 CORONA ROAD</b>	<b>NNE 1/2 - 1 (0.797 mi.)</b>	<b>44</b>	<b>77</b>
<b>STEEL BEAR DELI</b>	<b>5155 OLD REDWOOD HWY</b>	<b>NW 1/2 - 1 (0.892 mi.)</b>	<b>46</b>	<b>81</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
J & D AUTOMOTIVE	278 CORONA RD.	W 0 - 1/8 (0.044 mi.)	B4	10
J & D AUTOMOTIVE	278 CORONA RD.	W 0 - 1/8 (0.044 mi.)	B6	11
J & D AUTOMOTIVE	278 CORONA RD.	W 0 - 1/8 (0.044 mi.)	B9	17

### 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 2 EDR Hist Auto

## EXECUTIVE SUMMARY

sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	967 N MCDOWELL BLVD	W 0 - 1/8 (0.013 mi.)	B2	9
Not reported	278 CORONA RD	W 0 - 1/8 (0.044 mi.)	B5	10

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

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site 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>
Not reported	701 SONOMA MOUNTAIN	NNE 0 - 1/8 (0.123 mi.)	20	29



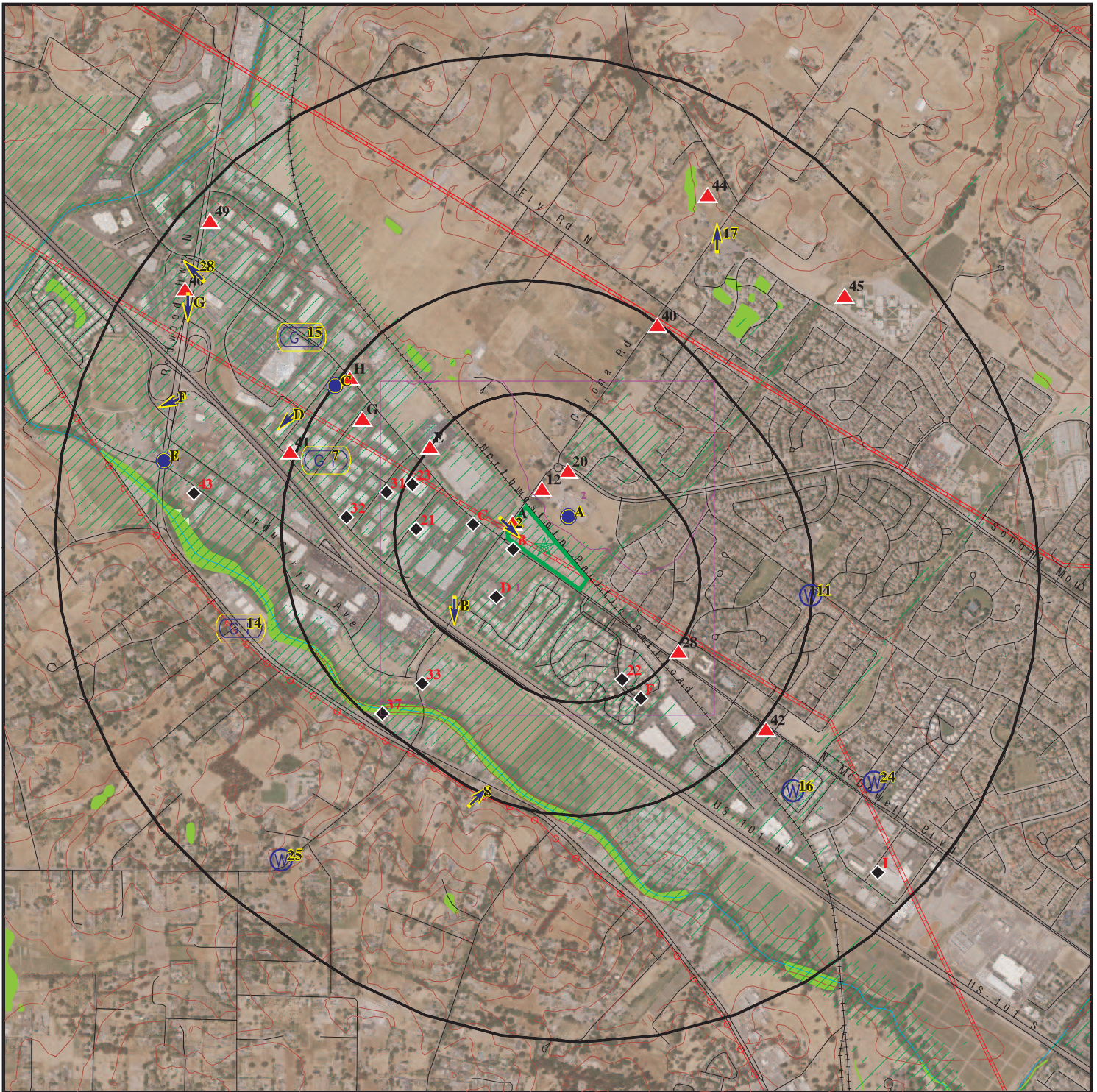
## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

<u>Site Name</u>	<u>Database(s)</u>
BOSTROM PROPERTY	RGA LUST
MACHADO PROPERTY	RGA LUST



# OVERVIEW MAP - 4805271.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Commercial Property  
 ADDRESS: 890 North McDowell Boulevard  
 Petaluma CA 94954  
 LAT/LONG: 38.266305 / 122.655116

CLIENT: Pinnacle Environmental Inc.  
 CONTACT: Peter Cloven  
 INQUIRY #: 4805271.2s  
 DATE: December 14, 2016 1:47 am



# DETAIL MAP - 4805271.2S



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

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Commercial Property  
 ADDRESS: 890 North McDowell Boulevard  
 Petaluma CA 94954  
 LAT/LONG: 38.266305 / 122.655116

CLIENT: Pinnacle Environmental Inc.  
 CONTACT: Peter Cloven  
 INQUIRY #: 4805271.2s  
 DATE: December 14, 2016 1:47 am



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<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	1	NR	1
<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		1	3	NR	NR	NR	4
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	4	NR	4
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	1	NR	NR	1
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		2	1	7	NR	NR	10

## 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		1	0	0	NR	NR	1
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		4	2	NR	NR	NR	6
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</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>Local Lists of Registered Storage Tanks</b>								
SWEEPS UST	0.250		2	1	NR	NR	NR	3
HIST UST	0.250		5	1	NR	NR	NR	6
CA FID UST	0.250		1	1	NR	NR	NR	2
<b>Local Land Records</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
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	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
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	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
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
HIST CORTESE	0.500		2	2	9	NR	NR	13
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0





Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A1  
NW  
< 1/8  
0.003 mi.  
18 ft.

V DOLAN TRUCKING INC  
320 CORONA RD  
PETALUMA, CA 94952

RCRA NonGen / NLR  
FINDS  
ECHO  
1000333447  
CAD982320749

Site 1 of 2 in cluster A

Relative:  
Higher

RCRA NonGen / NLR:

Actual:  
32 ft.

Date form received by agency: 03/16/1988  
Facility name: V DOLAN TRUCKING INC  
Facility address: 320 CORONA RD  
PETALUMA, CA 94952  
EPA ID: CAD982320749  
Mailing address: PO BOX 750113  
PETALUMA, CA 94975  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 320 CORONA RD  
PETALUMA, CA 94952  
Contact country: US  
Contact telephone: (707) 664-1409  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BRANDAL TOM  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**V DOLAN TRUCKING INC (Continued)**

**1000333447**

Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Violation Status: No violations found

**FINDS:**

Registry ID: 110002793503

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**ECHO:**

Envid: 1000333447  
 Registry ID: 110002793503  
 DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110002793503](http://echo.epa.gov/detailed_facility_report?fid=110002793503)

**B2**  
**West**  
**< 1/8**  
**0.013 mi.**  
**69 ft.**

**967 N MCDOWELL BLVD**  
**PETALUMA, CA 94954**

**EDR Hist Auto 1015685754**  
**N/A**

**Site 1 of 8 in cluster B**

**Relative:**  
**Lower**

**EDR Historical Auto Stations:**

Name: THE MUFFLER WORKS  
 Year: 2005  
 Address: 967 N MCDOWELL BLVD

**Actual:**  
**31 ft.**

Name: MUFFLER WORKS  
 Year: 2010  
 Address: 967 N MCDOWELL BLVD

**A3**  
**WNW**  
**< 1/8**  
**0.022 mi.**  
**117 ft.**

**FIRE STATION 2**  
**1001 NO MCDOWELL BLVD**  
**PETALUMA, CA 94952**

**HIST UST U001600455**  
**N/A**

**Site 2 of 2 in cluster A**

**Relative:**  
**Lower**

**HIST UST:**

File Number: 000215F1  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000215F1.pdf>  
 Region: STATE  
 Facility ID: 00000028761  
 Facility Type: Other  
 Other Type: FIRE DEPT  
 Contact Name: Not reported  
 Telephone: 7077784367  
 Owner Name: CITY OF PETALUMA FIRE DEPT.  
 Owner Address: 198 "D" ST.

**Actual:**  
**31 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION 2 (Continued)**

**U001600455**

Owner City,St,Zip: PETALUMA, CA 94952  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 2  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

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

**B4**  
**West**  
**< 1/8**  
**0.044 mi.**  
**230 ft.**

**J & D AUTOMOTIVE**  
**278 CORONA RD.**  
**PETALUMA, CA 94954**

**Notify 65** **S100453870**  
**N/A**

**Site 2 of 8 in cluster B**

**Relative:**  
**Lower**

NOTIFY 65:  
Date Reported: Not reported  
Staff Initials: Not reported

**Actual:**  
**31 ft.**

Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Not reported

**B5**  
**West**  
**< 1/8**  
**0.044 mi.**  
**230 ft.**

**278 CORONA RD**  
**PETALUMA, CA 94954**

**EDR Hist Auto** **1015384350**  
**N/A**

**Site 3 of 8 in cluster B**

**Relative:**  
**Lower**

EDR Historical Auto Stations:  
Name: J & D AUTOMOTIVE  
Year: 1999  
Address: 278 CORONA RD

**Actual:**  
**31 ft.**

Name: J & D AUTOMOTIVE  
Year: 2000  
Address: 278 CORONA RD

Name: J & D AUTOMOTIVE  
Year: 2001  
Address: 278 CORONA RD

Name: J & D AUTOMOTIVE  
Year: 2002  
Address: 278 CORONA RD

Name: J & D AUTOMOTIVE  
Year: 2005  
Address: 278 CORONA RD

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**1015384350**

Name: J & D AUTOMOTIVE  
 Year: 2006  
 Address: 278 CORONA RD

Name: J & D AUTOMOTIVE  
 Year: 2007  
 Address: 278 CORONA RD

Name: J & D AUTOMOTIVE  
 Year: 2008  
 Address: 278 CORONA RD

Name: J & D AUTOMOTIVE  
 Year: 2009  
 Address: 278 CORONA RD

Name: J & D AUTOMOTIVE  
 Year: 2010  
 Address: 278 CORONA RD

**B6**  
**West**  
**< 1/8**  
**0.044 mi.**  
**230 ft.**

**J & D AUTOMOTIVE**  
**278 CORONA RD.**  
**PETALUMA, CA 94954**

**Notify 65** **S100453833**  
**N/A**

**Site 4 of 8 in cluster B**

**Relative:**  
**Lower**

NOTIFY 65:  
 Date Reported: 19920730  
 Staff Initials: Not reported

**Actual:**  
**31 ft.**

Board File Number: 0LG921235  
 Facility Type: Leak Rpt  
 Discharge Date: Not reported  
 Issue Date: Not reported  
 Incident Description: Not reported

**B7**  
**West**  
**< 1/8**  
**0.044 mi.**  
**230 ft.**

**J & D AUTOMOTIVE**  
**278 CORONA**  
**PETALUMA, CA 94953**

**SWEEPS UST** **S101624778**  
**CA FID UST** **N/A**

**Site 5 of 8 in cluster B**

**Relative:**  
**Lower**

SWEEPS UST:  
 Status: Not reported  
 Comp Number: 1218  
 Number: Not reported  
 Board Of Equalization: 44-034813  
 Referral Date: Not reported  
 Action Date: Not reported  
 Created Date: Not reported  
 Owner Tank Id: Not reported  
 SWRCB Tank Id: 49-000-001218-000001  
 Tank Status: Not reported  
 Capacity: 550  
 Active Date: Not reported  
 Tank Use: M.V. FUEL  
 STG: PRODUCT

**Actual:**  
**31 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J & D AUTOMOTIVE (Continued)**

**S101624778**

Content: REG UNLEADED  
Number Of Tanks: 2  
  
Status: Not reported  
Comp Number: 1218  
Number: Not reported  
Board Of Equalization: 44-034813  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 49-000-001218-000002  
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: Active  
Comp Number: 1218  
Number: 2  
Board Of Equalization: 44-034813  
Referral Date: 10-19-92  
Action Date: 06-07-93  
Created Date: 03-31-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: Not reported  
Tank Status: Not reported  
Capacity: Not reported  
Active Date: Not reported  
Tank Use: Not reported  
STG: Not reported  
Content: Not reported  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 49000552  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7077632909  
Mail To: Not reported  
Mailing Address: 276 CORONA  
Mailing Address 2: Not reported  
Mailing City,St,Zip: PETALUMA 94952  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B8**  
**West**  
**< 1/8**  
**0.044 mi.**  
**230 ft.**  
**J AND D AUTOMOTIVE**  
**278 CORONA RD**  
**PETALUMA, CA 94952**  
**Site 6 of 8 in cluster B**

**LUST** **U001600484**  
**HIST UST** **N/A**  
**HIST CORTESE**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**31 ft.**

Region: STATE  
Global Id: T0609700932  
Latitude: 38.266374758  
Longitude: -122.6567977424  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 09/08/2011  
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)  
Case Worker: UUU  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0169  
LOC Case Number: Not reported  
File Location: Local Agency Warehouse  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline, Waste Oil / Motor / Hydraulic / Lubricating  
Site History: The Site is a 5-acre parcel containing three residences, several outbuildings, and two light industrial/commercial buildings including an automotive repair shop (J&D Automotive). The Site is serviced by the City of Petaluma water and sanitary sewer services. The nearest surface water is an unnamed seasonal drainage creek located across Corona Road. One gasoline UST removed on 5/19/87 with soil results being non-detectable (ND). In 1991, two areas of petroleum hydrocarbon impacted soil were discovered during grading activities. The impacted soil was reportedly excavated. One waste oil tank and one gasoline UST were removed on 12/22/92. Soil samples contained up to 4,100 mg/kg of TPHg and 5.0 mg/kg of benzene. Between 7/8/94 and 6/30/04, ten monitoring wells (MWs) were installed at the site. An agency and door-to-door survey to identify 4 domestic wells within a 1,000 feet radius of the subject site during 1995. TPH as gasoline, diesel, and motor oil and BTEX have consistently been reported near or below laboratory reporting limits in all of the MWs except MW-1. The majority of impact to groundwater is from MTBE, with the highest concentrations in MW-1. Recent concentration trends demonstrate stable to declining trends of TPH-g and MTBE over time. Domestic wells (DW-1 and DW-2) have been sporadically sampled between 1996 and 2004 with consistent ND results. In July 2011, the ten MWs and DW-1, the domestic water well closest to the groundwater pollution were properly decommissioned (i.e., destroyed) under permit with Sonoma County. Based on the following, case closure for this site is considered to be appropriate for closure as a low risk groundwater site: (1) The primary source (the former gasoline and waste oil USTs) were removed in 1987 and 1992. Encountered secondary sources, petroleum impacted soils, were excavated and transported offsite in 1991 and 1992. The majority of residual soil impact is proximate to the former 550-gallon UST located inside the automotive repair building. The residual impacted soil does not appear to be a source for significant GW contamination; (2) The site has been adequately characterized. The residual degree of impact to GW is minor and the extent of the impact to GW is limited. The residual GW pollution exhibits declining concentrations and therefore, is a shrinking plume; (3) The on-site water well (75 feet south of the former 1992 USTs) that is closest to and downgradient of the residual GW

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J AND D AUTOMOTIVE (Continued)**

**U001600484**

pollution, was decommissioned in July 2011. Given the minor residual declining concentrations in GW and the limited migration potential, it is highly unlikely that impacted GW from the site will impact the next closest water well located about 200 ft SE of the former 1992 USTs. Also, the area is served by the City of Petaluma water sewer services; (4) Sensitive receptors and migration pathways that could be impacted by the release have been identified. No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors have been impacted or are likely to be impacted from the release(s) from the former USTs; (5) There is not a significant risk to human health. There is a small but easily manageable risk to human health if excavation/construction activities are conducted near the location of the former USTs. The potential risk would be mitigated by preparing a Soil and Groundwater Management Plan (SGMP). The SGMP would describe procedures to notify the appropriate regulatory agencies, protect workers health, and manage impacted soil and/or GW if it is encountered; (6) The limited concentrations of the volatile components of gasoline in soil and groundwater and the fine-grained shallow soils indicates that the potential for a vapor intrusion problem is minimal; and (7) The residual concentrations in the soil and groundwater apparently do not represent a current or future public health, ecological, and water resources threat.

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

Contact:

Global Id: T0609700932  
Contact Type: Regional Board Caseworker  
Contact Name: Regional Water Board  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY ST SUITE 1400  
City: OAKLAND  
Email: Not reported  
Phone Number: Not reported

Status History:

Global Id: T0609700932  
Status: Completed - Case Closed  
Status Date: 09/08/2011

Global Id: T0609700932  
Status: Open - Case Begin Date  
Status Date: 01/17/1991

Global Id: T0609700932  
Status: Open - Remediation  
Status Date: 02/23/2005

Global Id: T0609700932  
Status: Open - Site Assessment  
Status Date: 06/10/1993

Global Id: T0609700932  
Status: Open - Site Assessment  
Status Date: 10/11/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J AND D AUTOMOTIVE (Continued)**

**U001600484**

Regulatory Activities:

Global Id:	T0609700932
Action Type:	ENFORCEMENT
Date:	03/03/2010
Action:	Staff Letter
Global Id:	T0609700932
Action Type:	RESPONSE
Date:	11/21/2008
Action:	Other Report / Document
Global Id:	T0609700932
Action Type:	REMEDIATION
Date:	02/23/2005
Action:	Monitored Natural Attenuation
Global Id:	T0609700932
Action Type:	Other
Date:	01/17/1991
Action:	Leak Discovery
Global Id:	T0609700932
Action Type:	ENFORCEMENT
Date:	05/01/2007
Action:	Staff Letter
Global Id:	T0609700932
Action Type:	ENFORCEMENT
Date:	09/08/2011
Action:	Closure/No Further Action Letter
Global Id:	T0609700932
Action Type:	Other
Date:	07/17/1992
Action:	Leak Reported
Global Id:	T0609700932
Action Type:	ENFORCEMENT
Date:	02/24/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0609700932
Action Type:	ENFORCEMENT
Date:	10/08/2009
Action:	Staff Letter
Global Id:	T0609700932
Action Type:	ENFORCEMENT
Date:	08/21/2008
Action:	Staff Letter
Global Id:	T0609700932
Action Type:	Other
Date:	05/11/1992
Action:	Leak Stopped
Global Id:	T0609700932

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J AND D AUTOMOTIVE (Continued)**

**U001600484**

Action Type: ENFORCEMENT  
Date: 02/09/2011  
Action: Staff Letter

Global Id: T0609700932  
Action Type: RESPONSE  
Date: 04/10/2011  
Action: CAP/RAP - Feasibility Study Report

Global Id: T0609700932  
Action Type: ENFORCEMENT  
Date: 03/04/2009  
Action: Staff Letter

Global Id: T0609700932  
Action Type: RESPONSE  
Date: 12/01/2009  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700932  
Action Type: ENFORCEMENT  
Date: 06/24/2009  
Action: Staff Letter

Global Id: T0609700932  
Action Type: ENFORCEMENT  
Date: 03/08/2011  
Action: Referral to Regional Board

**LUST REG 2:**

Region: 2  
Facility Id: 49-0169  
Facility Status: Preliminary site assessment underway  
Case Number: 00001218  
How Discovered: SAS  
Leak Cause: UNK  
Leak Source: UNK  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 6/10/1993  
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

**SONOMA CO. LUST:**

Region: SONOMA  
Regional Board: 49-0169  
Closed or Referred: Referred  
Confirm Date: 03/08/2011  
LOP Number: 00001218  
Staff: Not reported  
Decode of Staff: Not reported  
Global ID: T0609700932

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J AND D AUTOMOTIVE (Continued)**

**U001600484**

HIST UST:

File Number: 000219F5  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000219F5.pdf>  
Region: STATE  
Facility ID: 00000023807  
Facility Type: Other  
Other Type: AUTOMOTIVE REPAIR  
Contact Name: JOHN A. TROUP, OWNER  
Telephone: 7077632909  
Owner Name: JOE LORENZ  
Owner Address: 276 CORONA RD  
Owner City,St,Zip: PETALUMA, CA 94952  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: #1  
Year Installed: 1982  
Tank Capacity: 00000550  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

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HIST CORTESE:

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0169

**B9**  
**West**  
**< 1/8**  
**0.044 mi.**  
**230 ft.**

**J & D AUTOMOTIVE**  
**278 CORONA RD.**  
**PETALUMA, CA 94954**  
**Site 7 of 8 in cluster B**

**Notify 65** **S100353560**  
**N/A**

**Relative:**  
**Lower**

NOTIFY 65:  
Date Reported: 19920730  
Staff Initials: Not reported  
Board File Number: 0LG921235  
Facility Type: Leak Rpt  
Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Not reported

**Actual:**  
**31 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B10**      **PROPERTY OWNER - JOE LORENZ**  
**West**      **276 CORONA RD**  
**< 1/8**      **PETALUMA, CA 94952**  
**0.046 mi.**  
**241 ft.**      **Site 8 of 8 in cluster B**

**HIST UST**      **U001600594**  
                          **N/A**

**Relative:**  
**Lower**

HIST UST:

File Number: 0002926B  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002926B.pdf>  
 Region: STATE  
 Facility ID: 00000037771  
 Facility Type: Not reported  
 Other Type: Not reported  
 Contact Name: FUEL DEALER JOHN F. CUNBA  
 Telephone: 7077622781  
 Owner Name: J.B. CONSTRUCTION (RICH BRAMAN)  
 Owner Address: 57 EL PAVO REAL  
 Owner City,St,Zip: SAN RAFAEL, CA 94903  
 Total Tanks: 0001

Tank Num: 001  
 Container Num: 100  
 Year Installed: Not reported  
 Tank Capacity: 00000000  
 Tank Used for: PRODUCT  
 Type of Fuel: REGULAR  
 Container Construction Thickness: Not reported  
 Leak Detection: None

**Actual:**  
**31 ft.**

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

**C11**  
**WNW**      **1031 MCDOWELL BLVD N**  
**< 1/8**      **PETALUMA, CA**  
**0.050 mi.**  
**266 ft.**      **Site 1 of 2 in cluster C**

**AST**      **A100323077**  
                          **N/A**

**Relative:**  
**Lower**

AST:

Certified Unified Program Agencies: Petaluma  
 Owner: Autodesk  
 Total Gallons: 1,500  
 CERSID: Not reported  
 Facility ID: Not reported  
 Business Name: Not reported  
 Phone: Not reported  
 Fax: Not reported  
 Mailing Address: Not reported  
 Mailing Address City: Not reported  
 Mailing Address State: Not reported  
 Mailing Address Zip Code: Not reported  
 Operator Name: Not reported  
 Operator Phone: Not reported  
 Owner Phone: Not reported  
 Owner Mail Address: Not reported  
 Owner State: Not reported  
 Owner Zip Code: Not reported  
 Owner Country: Not reported  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported

**Actual:**  
**31 ft.**



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**A100323077**

Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported  
 EPAID: Not reported

**12**  
**North**  
**< 1/8**  
**0.053 mi.**  
**282 ft.**

**WILLIAM BRODY**  
**360 CORONA RD**  
**PEALUMA, CA 94952**

**HIST UST**    **U001600667**  
**N/A**

**Relative:**  
**Higher**

HIST UST:

File Number: 00021944  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021944.pdf>  
 Region: STATE  
 Facility ID: 00000030625  
 Facility Type: Other  
 Other Type: FARM  
 Contact Name: Not reported  
 Telephone: 7077627594  
 Owner Name: WILLIAM BRODY  
 Owner Address: 360 CORONA RD.  
 Owner City,St,Zip: PETALUMA, CA 94952  
 Total Tanks: 0002

**Actual:**  
**33 ft.**

Tank Num: 001  
 Container Num: 1  
 Year Installed: Not reported  
 Tank Capacity: 00000000  
 Tank Used for: PRODUCT  
 Type of Fuel: REGULAR  
 Container Construction Thickness: 12  
 Leak Detection: Visual

Tank Num: 002  
 Container Num: 2  
 Year Installed: Not reported  
 Tank Capacity: 00000000  
 Tank Used for: PRODUCT  
 Type of Fuel: REGULAR  
 Container Construction Thickness: 12  
 Leak Detection: Visual

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

**C13**  
**WNW**  
**< 1/8**  
**0.078 mi.**  
**411 ft.**

**AUTODESK INC.**  
**1031 N MCDOWELL BLVD**  
**PETALUMA, CA 94954**

**AST**    **A100417381**  
**N/A**

**Site 2 of 2 in cluster C**

**Relative:**  
**Lower**

AST:

Certified Unified Program Agencies: Not reported  
 Owner: Autodesk Inc  
 Total Gallons: Not reported

**Actual:**  
**31 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTODESK INC. (Continued)**

**A100417381**

CERSID: 10169585  
Facility ID: Not reported  
Business Name: Autodesk, Inc.  
Phone: 415-507-5000  
Fax: Not reported  
Mailing Address: 111 McInnis Parkway  
Mailing Address City: San Rafael  
Mailing Address State: CA  
Mailing Address Zip Code: 94903  
Operator Name: Autodesk Inc  
Operator Phone: 415-507-5000  
Owner Phone: 415-507-5000  
Owner Mail Address: 111 McInnis Parkway  
Owner State: CA  
Owner Zip Code: 94903  
Owner Country: United States  
Property Owner Name: Lindsey Forbes  
Property Owner Phone: 707.781.2603  
Property Owner Mailing Address: 1600 Corporate Circle  
Property Owner City: Petaluma  
Property Owner Stat : CA  
Property Owner Zip Code: 94954  
Property Owner Country: United States  
EPAID: Not reported

**D14**  
**SW**  
**< 1/8**  
**0.120 mi.**  
**636 ft.**

**PG&E PETALUMA SERVICE CENTER**  
**210 CORONA RD**  
**PETALUMA, CA 94954**

**RCRA-SQG 1000197969**  
**FINDS CAD981382138**  
**HAZNET**  
**ECHO**

**Site 1 of 6 in cluster D**

**Relative:**  
**Lower**

**RCRA-SQG:**

**Actual:**  
**29 ft.**

Date form received by agency: 09/01/1996  
Facility name: PG&E PETALUMA SERVICE CENTER  
Facility address: 210 CORONA RD  
PETALUMA, CA 94952  
EPA ID: CAD981382138  
Mailing address: P O BOX 911  
PETALUMA, CA 94953  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PG&E PETALUMA SERVICE CENTER (Continued)**

**1000197969**

Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: PG&E  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996  
Site name: PG&E PETALUMA SERVICE CENTER  
Classification: Small Quantity Generator

Date form received by agency: 04/13/1990  
Site name: PG&E PETALUMA SERVICE CENTER  
Classification: Large Quantity Generator

Date form received by agency: 03/04/1986  
Site name: PG&E PETALUMA SERVICE CENTER  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002687968

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)  
provides California with information on hazardous waste shipments for  
generators, transporters, and treatment, storage, and disposal

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PG&E PETALUMA SERVICE CENTER (Continued)**

**1000197969**

facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Registry ID: 110055877877

Environmental Interest/Information System  
STATE MASTER

Registry ID: 110055827137

Environmental Interest/Information System  
STATE MASTER

HAZNET:

envid: 1000197969  
Year: 2014  
GEPaid: CAD981382138  
Contact: LARRY JEFFRIS  
Telephone: 5596589618  
Mailing Name: Not reported  
Mailing Address: 3401 CROW CANYON RD  
Mailing City,St,Zip: SAN RAMON, CA 945830000  
Gen County: Sonoma  
TSD EPA ID: CAD980884183  
TSD County: Sacramento  
Waste Category: Asbestos containing waste  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.02  
Cat Decode: Asbestos containing waste  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Sonoma

envid: 1000197969  
Year: 2014  
GEPaid: CAD981382138  
Contact: LARRY JEFFRIS  
Telephone: 5596589618  
Mailing Name: Not reported  
Mailing Address: 3401 CROW CANYON RD  
Mailing City,St,Zip: SAN RAMON, CA 945830000  
Gen County: Sonoma  
TSD EPA ID: CAD980884183  
TSD County: Sacramento  
Waste Category: Unspecified organic liquid mixture  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PG&E PETALUMA SERVICE CENTER (Continued)**

**1000197969**

Tons: 0.275  
Cat Decode: Unspecified organic liquid mixture  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Sonoma

envid: 1000197969  
Year: 2014  
GEPaid: CAD981382138  
Contact: LARRY JEFFRIS  
Telephone: 5596589618  
Mailing Name: Not reported  
Mailing Address: 3401 CROW CANYON RD  
Mailing City,St,Zip: SAN RAMON, CA 945830000  
Gen County: Sonoma  
TSD EPA ID: CAD980884183  
TSD County: Sacramento  
Waste Category: Other organic solids  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)

Tons: 2.12  
Cat Decode: Other organic solids  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Sonoma

envid: 1000197969  
Year: 2014  
GEPaid: CAD981382138  
Contact: LARRY JEFFRIS  
Telephone: 5596589618  
Mailing Name: Not reported  
Mailing Address: 3401 CROW CANYON RD  
Mailing City,St,Zip: SAN RAMON, CA 945830000  
Gen County: Sonoma  
TSD EPA ID: CAD980884183  
TSD County: Sacramento  
Waste Category: Other inorganic solid waste  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)

Tons: 1.625  
Cat Decode: Other inorganic solid waste  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Sonoma

envid: 1000197969  
Year: 2014  
GEPaid: CAD981382138  
Contact: LARRY JEFFRIS  
Telephone: 5596589618  
Mailing Name: Not reported  
Mailing Address: 3401 CROW CANYON RD  
Mailing City,St,Zip: SAN RAMON, CA 945830000  
Gen County: Sonoma  
TSD EPA ID: CAD980887418  
TSD County: Alameda

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PG&E PETALUMA SERVICE CENTER (Continued)**

**1000197969**

Waste Category: Unspecified oil-containing waste  
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
 Tons: 1.3344  
 Cat Decode: Unspecified oil-containing waste  
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
 Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access 874 additional CA\_HAZNET: record(s) in the EDR Site Report.

**ECHO:**

Envid: 1000197969  
 Registry ID: 110002687968  
 DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110002687968](http://echo.epa.gov/detailed_facility_report?fid=110002687968)

**D15  
 SW  
 < 1/8  
 0.120 mi.  
 636 ft.**

**210 CORONA RD  
 PETALUMA, CA  
 Site 2 of 6 in cluster D**

**AST A100109501  
 N/A**

**Relative:  
 Lower**

**AST:**  
 Certified Unified Program Agencies: Petaluma  
 Owner: PG & E  
 Total Gallons: 2,000  
 CERSID: Not reported  
 Facility ID: Not reported  
 Business Name: Not reported  
 Phone: Not reported  
 Fax: Not reported  
 Mailing Address: Not reported  
 Mailing Address City: Not reported  
 Mailing Address State: Not reported  
 Mailing Address Zip Code: Not reported  
 Operator Name: Not reported  
 Operator Phone: Not reported  
 Owner Phone: Not reported  
 Owner Mail Address: Not reported  
 Owner State: Not reported  
 Owner Zip Code: Not reported  
 Owner Country: Not reported  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported  
 Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported  
 EPAID: Not reported

**Actual:  
 29 ft.**



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**D16**  
**SW**  
**< 1/8**  
**0.120 mi.**  
**636 ft.**

**PG&E "B" SUBSTATION**  
**210 CORONA ROAD**  
**PETALUMA, CA 94954**

**Site 3 of 6 in cluster D**

**UST** **U003971184**  
**N/A**

**Relative:** UST:  
**Lower** Facility ID: 600000  
Permitting Agency: PETALUMA, CITY OF  
**Actual:** Latitude: 38.266088  
**29 ft.** Longitude: -122.655722

**D17**  
**SW**  
**< 1/8**  
**0.120 mi.**  
**636 ft.**

**PG&E: PETALUMA SERVICE CENTER**  
**210 CORONA ROAD**  
**PETALUMA, CA 94954**

**Site 4 of 6 in cluster D**

**AST** **A100423391**  
**N/A**

**Relative:** AST:  
**Lower** Certified Unified Program Agencies: Not reported  
Owner: Pacific Gas and Electric Company  
**Actual:** Total Gallons: Not reported  
**29 ft.** CERSID: 10112980  
Facility ID: 49-003-TMP015  
Business Name: PG&E  
Phone: (707) 765-5170  
Fax: (707) 324-5129  
Mailing Address: PO Box 7640  
Mailing Address City: San Francisco  
Mailing Address State: CA  
Mailing Address Zip Code: 94120  
Operator Name: Pacific Gas and Electric Company  
Operator Phone: (707) 696-2671  
Owner Phone: (415) 973-7000  
Owner Mail Address: c/o Environmental Services, 3401 Crow Canyon Road  
Owner State: CA  
Owner Zip Code: 94583  
Owner Country: United States  
Property Owner Name: Pacific Gas and Electric Company  
Property Owner Phone: (707) 338-4957  
Property Owner Mailing Address: Not reported  
Property Owner City: Not reported  
Property Owner Stat : Not reported  
Property Owner Zip Code: Not reported  
Property Owner Country: United States  
EPAID: CAD981382138

**D18**  
**SW**  
**< 1/8**  
**0.120 mi.**  
**636 ft.**

**PETALUMA SERVICE CENTER**  
**210 CORONA ROAD**  
**PETALUMA, CA 94952**

**Site 5 of 6 in cluster D**

**LUST** **S102435154**  
**SLIC** **N/A**  
**HIST UST**  
**HIST CORTESE**

**Relative:** LUST:  
**Lower** Region: STATE  
Global Id: T0609700891  
**Actual:** Latitude: 38.2647  
**29 ft.** Longitude: -122.657024

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETALUMA SERVICE CENTER (Continued)**

**S102435154**

Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 12/10/1999  
Lead Agency: SONOMA COUNTY LOP  
Case Worker: LCW  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0127  
LOC Case Number: 00001315  
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: T0609700891  
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: T0609700891  
Contact Type: Local Agency Caseworker  
Contact Name: LOP CLOSED IN RB02  
Organization Name: SONOMA COUNTY LOP  
Address: 625 FIFTH STREET  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Status History:

Global Id: T0609700891  
Status: Completed - Case Closed  
Status Date: 12/10/1999

Global Id: T0609700891  
Status: Open - Case Begin Date  
Status Date: 05/02/1985

Global Id: T0609700891  
Status: Open - Remediation  
Status Date: 02/11/1992

Global Id: T0609700891  
Status: Open - Site Assessment  
Status Date: 05/02/1985

Global Id: T0609700891  
Status: Open - Verification Monitoring  
Status Date: 09/05/1991

Regulatory Activities:

Global Id: T0609700891

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETALUMA SERVICE CENTER (Continued)**

**S102435154**

Action Type: REMEDIATION  
Date: 02/11/1992  
Action: Pump & Treat (P&T) Groundwater

Global Id: T0609700891  
Action Type: Other  
Date: 03/15/1988  
Action: Leak Discovery

Global Id: T0609700891  
Action Type: Other  
Date: 01/02/1965  
Action: Leak Reported

**LUST REG 2:**

Region: 2  
Facility Id: 49-0127  
Facility Status: Case Closed  
Case Number: 00001315  
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: 5/2/1985  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: 2/11/1992  
Date Post Remedial Action Monitoring Began: 9/5/1991

**SONOMA CO. LUST:**

Region: SONOMA  
Regional Board: 49-0127  
Closed or Referred: Y  
Confirm Date: 12/10/1999  
LOP Number: 00001315  
Staff: Not reported  
Decode of Staff: Not reported  
Global ID: T0609700891

**SLIC:**

Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 04/21/1999  
Global Id: SL0609752302  
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)  
Lead Agency Case Number: Not reported  
Latitude: 38.264739  
Longitude: -122.657071  
Case Type: Cleanup Program Site  
Case Worker: JMJ  
Local Agency: CONTRA COSTA COUNTY  
RB Case Number: 49S0018  
File Location: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETALUMA SERVICE CENTER (Continued)**

**S102435154**

Potential Media Affected: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

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

**HIST UST:**

File Number: 0002151F  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002151F.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

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

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0127

**D19**  
**SW**  
**< 1/8**  
**0.120 mi.**  
**636 ft.**

**PETALUMA SERVICE CENTER**  
**210 CORONA ROAD**  
**PETALUMA, CA 94953**  
**Site 6 of 6 in cluster D**

**SWEEPS UST** **S106930623**  
**N/A**

**Relative:**  
**Lower**

**SWEEPS UST:**  
Status: Not reported  
Comp Number: 1315  
Number: Not reported  
Board Of Equalization: 44-028229  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 49-000-001315-000002  
Tank Status: Not reported  
Capacity: 1000  
Active Date: Not reported  
Tank Use: M.V. FUEL

**Actual:**  
**29 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETALUMA SERVICE CENTER (Continued)**

**S106930623**

STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: 1

Status: Active  
Comp Number: 1315  
Number: 1  
Board Of Equalization: 44-028229  
Referral Date: 10-11-91  
Action Date: 04-27-94  
Created Date: 03-31-89  
Owner Tank Id: 00001315-1  
SWRCB Tank Id: 49-000-001315-000001  
Tank Status: A  
Capacity: 4000  
Active Date: 09-06-91  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 2

Status: Active  
Comp Number: 1315  
Number: 1  
Board Of Equalization: 44-028229  
Referral Date: 10-11-91  
Action Date: 04-27-94  
Created Date: 03-31-89  
Owner Tank Id: 0001315-3  
SWRCB Tank Id: 49-000-001315-000003  
Tank Status: A  
Capacity: 550  
Active Date: 09-06-91  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

20  
NNE  
< 1/8  
0.123 mi.  
647 ft.

**701 SONOMA MOUNTAIN PKWY  
PETALUMA, CA 94954**

**EDR Hist Cleaner 1015088777  
N/A**

**Relative:  
Higher**

EDR Historical Cleaners:  
Name: PARKWAY CLEANERS  
Year: 2003  
Address: 701 SONOMA MOUNTAIN PKWY

Name: PARKWAY CLEANERS  
Year: 2005  
Address: 701 SONOMA MOUNTAIN PKWY

Name: PARKWAY CLEANERS  
Year: 2010  
Address: 701 SONOMA MOUNTAIN PKWY

Name: PARKWAY CLEANERS

**Actual:  
35 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015088777

Year: 2011  
Address: 701 SONOMA MOUNTAIN PKWY

Name: PARKWAY CLEANERS  
Year: 2012  
Address: 701 SONOMA MOUNTAIN PKWY

21  
West  
1/8-1/4  
0.202 mi.  
1066 ft.

**NAK ENGINEERING**  
**1324 RAND STREET**  
**PETALUMA, CA 94952**

**RCRA-SQG 1000455744**  
**FINDS CAD982430795**  
**ECHO**

**Relative:**  
**Lower**

RCRA-SQG:

Date form received by agency: 09/06/1990  
Facility name: NAK ENGINEERING  
Facility address: 1324 RAND STREET  
PETALUMA, CA 94952  
EPA ID: CAD982430795  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 1324 RAND STREET  
PETALUMA, CA 94952  
Contact country: US  
Contact telephone: (707) 765-9996  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Actual:**  
**30 ft.**

Owner/Operator Summary:

Owner/operator name: NAK ENGINEERING  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NAK ENGINEERING (Continued)**

**1000455744**

Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Violation Status: No violations found

**FINDS:**

Registry ID: 110002810263

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**ECHO:**

Envid: 1000455744  
 Registry ID: 110002810263  
 DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110002810263](http://echo.epa.gov/detailed_facility_report?fid=110002810263)

22  
 SSE  
 1/8-1/4  
 0.220 mi.  
 1160 ft.

**ROSE PROPERTY**  
**101 PETALUMA**  
**PETALUMA, CA 94952**

**HIST CORTESE** **S110060839**  
**N/A**

**Relative:**  
**Lower**

**HIST CORTESE:**  
 Region: CORTESE  
 Facility County Code: 49  
 Reg By: LTNKA  
 Reg Id: 49-0140

**Actual:**  
**31 ft.**

23  
 WNW  
 1/8-1/4  
 0.235 mi.  
 1240 ft.

**PETALUMA HEALTH CENTER**  
**1179 N MCDOWELL BLVD**  
**PETALUMA, CA 94954**

**RCRA-SQG** **1000350143**  
**FINDS** **CAD094865094**  
**ECHO**

**Relative:**  
**Lower**

**RCRA-SQG:**  
 Date form received by agency: 09/01/1996  
 Facility name: COMPUMOTOR CORP  
 Facility address: 1179 N MCDOWELL

**Actual:**  
**31 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETALUMA HEALTH CENTER (Continued)**

**1000350143**

EPA ID: PETALUMA, CA 94952  
CAD094865094  
Mailing address: N MCDOWELL  
PETALUMA, CA 94952  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CALIFORNIA CORP  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PETALUMA HEALTH CENTER (Continued)**

**1000350143**

Violation Status: No violations found

**FINDS:**

Registry ID: 110002664493

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110055880925

**Environmental Interest/Information System  
 STATE MASTER**

**ECHO:**

Envid: 1000350143  
 Registry ID: 110002664493  
 DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110002664493](http://echo.epa.gov/detailed_facility_report?fid=110002664493)

**E24  
 NW  
 1/8-1/4  
 0.249 mi.  
 1315 ft.**

**VIKING FREIGHT SYSTEMS INC  
 1230 N MCDOWELL BLVD  
 PETALUMA, CA 94954**

**Site 1 of 4 in cluster E**

**AST  
 SWEEPS UST  
 CA FID UST  
 WDS**

**S101595343  
 N/A**

**Relative:  
 Higher**

**AST:**

Certified Unified Program Agencies: Not reported  
 Owner: FEDEX FREIGHT, INC.  
 Total Gallons: Not reported  
 CERSID: 10134808  
 Facility ID: Not reported  
 Business Name: FedEx Freight, Inc.  
 Phone: 707-778-3191  
 Fax: 707-769-8403  
 Mailing Address: 3425 VICTOR STREET  
 Mailing Address City: SANTA CLARA  
 Mailing Address State: CA  
 Mailing Address Zip Code: 95054  
 Operator Name: FEDEX FREIGHT, INC  
 Operator Phone: 408-654-3112  
 Owner Phone: 408-654-3112  
 Owner Mail Address: 3425 VICTOR ST.  
 Owner State: CA  
 Owner Zip Code: 95054  
 Owner Country: United States  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported  
 Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported

**Actual:  
 34 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VIKING FREIGHT SYSTEMS INC (Continued)

S101595343

EPAID: CAD982041949

SWEEPS UST:

Status: Active  
Comp Number: 2224  
Number: 1  
Board Of Equalization: 44-001849  
Referral Date: 09-10-91  
Action Date: 09-10-91  
Created Date: 03-31-89  
Owner Tank Id: 1  
SWRCB Tank Id: 49-000-002224-000001  
Tank Status: A  
Capacity: 12000  
Active Date: 09-10-91  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 6

Status: Active  
Comp Number: 2224  
Number: 1  
Board Of Equalization: 44-001849  
Referral Date: 09-10-91  
Action Date: 09-10-91  
Created Date: 03-31-89  
Owner Tank Id: 3  
SWRCB Tank Id: 49-000-002224-000002  
Tank Status: A  
Capacity: 2000  
Active Date: 09-10-91  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2224  
Number: 1  
Board Of Equalization: 44-001849  
Referral Date: 09-10-91  
Action Date: 09-10-91  
Created Date: 03-31-89  
Owner Tank Id: 2  
SWRCB Tank Id: 49-000-002224-000003  
Tank Status: A  
Capacity: 12000  
Active Date: 09-10-91  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2224  
Number: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIKING FREIGHT SYSTEMS INC (Continued)**

**S101595343**

Board Of Equalization: 44-001849  
Referral Date: 09-10-91  
Action Date: 09-10-91  
Created Date: 03-31-89  
Owner Tank Id: 4  
SWRCB Tank Id: 49-000-002224-000004  
Tank Status: A  
Capacity: 2000  
Active Date: 09-10-91  
Tank Use: OIL  
STG: P  
Content: NEW MOTOR OIL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2224  
Number: 1  
Board Of Equalization: 44-001849  
Referral Date: 09-10-91  
Action Date: 09-10-91  
Created Date: 03-31-89  
Owner Tank Id: 6  
SWRCB Tank Id: 49-000-002224-000005  
Tank Status: A  
Capacity: 1000  
Active Date: 09-10-91  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2224  
Number: 1  
Board Of Equalization: 44-001849  
Referral Date: 09-10-91  
Action Date: 09-10-91  
Created Date: 03-31-89  
Owner Tank Id: 5  
SWRCB Tank Id: 49-000-002224-000006  
Tank Status: A  
Capacity: 2000  
Active Date: 09-10-91  
Tank Use: OIL  
STG: P  
Content: NEW MOTOR OIL  
Number Of Tanks: Not reported

CA FID UST:  
Facility ID: 49000657  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7077783191  
Mail To: Not reported  
Mailing Address: 411 E PLUMERIA DR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIKING FREIGHT SYSTEMS INC (Continued)**

**S101595343**

Mailing Address 2: Not reported  
Mailing City,St,Zip: PETALUMA 94954  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**WDS:**

Facility ID: San Francisco Bay 49I015819  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 2  
Facility Telephone: 7077783192  
Facility Contact: ROLLS STEVE  
Agency Name: FED EX FREIGHT WEST  
Agency Address: 6411 Guadalupe Mines Rd # 2185  
Agency City,St,Zip: San Jose 951205000  
Agency Contact: LEE CHONG  
Agency Telephone: 4082089600  
Agency Type: Private  
SIC Code: 0  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**E25**  
**NW**  
**1/8-1/4**  
**0.249 mi.**  
**1315 ft.**

**VIKING FREIGHT SYSTEM INC**  
**1230 N MCDOWELL BLVD**  
**PETALUMA, CA 94954**

**Site 2 of 4 in cluster E**

**RCRA-SQG 1000257060**  
**HIST UST CAD982041949**  
**FINDS**  
**ECHO**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**34 ft.**

Date form received by agency: 10/11/2011  
Facility name: FEDEX FREIGHT INC PET  
Facility address: 1230 N MCDOWELL BLVD  
PETALUMA, CA 94954 1113  
EPA ID: CAD982041949  
Mailing address: 6900 ALCOA RD  
BENTON, AR 72015  
Contact: CHRIS W BAKER  
Contact address: 6900 ALCOA RD  
BENTON, AR 72015  
Contact country: US  
Contact telephone: 501-860-7904  
Telephone ext.: 3003  
Contact email: CHRIS.BAKER@FEDEX.COM  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: FEDEX FREIGHT INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 09/06/2006  
Owner/Op end date: Not reported

Owner/operator name: FEDEX FREIGHT INC  
Owner/operator address: 2200 FORWARD DR  
HARRISON, AR 72601  
Owner/operator country: US  
Owner/operator telephone: 800-874-4723  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 09/06/2006  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIKING FREIGHT SYSTEM INC (Continued)**

**1000257060**

Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

. Waste code: 122  
. Waste name: 122

. Waste code: 141  
. Waste name: 141

. Waste code: 181  
. Waste name: 181

. Waste code: 211  
. Waste name: 211

. Waste code: 212  
. Waste name: 212

. Waste code: 213  
. Waste name: 213

. Waste code: 214  
. Waste name: 214

. Waste code: 221  
. Waste name: 221

. Waste code: 232  
. Waste name: 232

. Waste code: 272  
. Waste name: 272

. Waste code: 281  
. Waste name: 281

. Waste code: 291  
. Waste name: 291

. Waste code: 311  
. Waste name: 311

. Waste code: 331  
. Waste name: 331

. Waste code: 352  
. Waste name: 352

. Waste code: 541  
. Waste name: 541



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIKING FREIGHT SYSTEM INC (Continued)**

**1000257060**

- . Waste code: 561
- . Waste name: 561
  
- . Waste code: 791
- . Waste name: 791
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D010
- . Waste name: SELENIUM
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
  
- . Waste code: U080
- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
  
- . Waste code: U240
- . Waste name: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Historical Generators:

- Date form received by agency: 05/19/2009  
Site name: FEDEX FREIGHT INC  
Classification: Small Quantity Generator
- . Waste code: D001
  - . Waste name: IGNITABLE WASTE
  
  - . Waste code: D002
  - . Waste name: CORROSIVE WASTE
  
  - . Waste code: D035
  - . Waste name: METHYL ETHYL KETONE
- Date form received by agency: 09/01/1996  
Site name: VIKING FREIGHT SYSTEM INC  
Classification: Small Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIKING FREIGHT SYSTEM INC (Continued)**

**1000257060**

Date form received by agency: 09/18/1987  
Site name: VIKING FREIGHT SYSTEM INC  
Classification: Large Quantity Generator

Violation Status: No violations found

**HIST UST:**

File Number: 000218F4  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000218F4.pdf>  
Region: STATE  
Facility ID: 00000054024  
Facility Type: Other  
Other Type: TERMINAL  
Contact Name: JOHN BURDICK  
Telephone: 7077783191  
Owner Name: VIKING FREIGHT SYSTEM, INC.  
Owner Address: 3405 VICTOR STREET  
Owner City,St,Zip: SANTA CLARA, CA 95050  
Total Tanks: 0007

Tank Num: 001  
Container Num: 1  
Year Installed: 1982  
Tank Capacity: 00012000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 1/4  
Leak Detection: Visual, Stock Inventor, Vapor Sniff Well

Tank Num: 002  
Container Num: 2  
Year Installed: 1982  
Tank Capacity: 00012000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 1/4  
Leak Detection: Visual, Stock Inventor, Vapor Sniff Well

Tank Num: 003  
Container Num: 3  
Year Installed: 1982  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor, Vapor Sniff Well

Tank Num: 004  
Container Num: 4  
Year Installed: 1982  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor, Vapor Sniff Well

Tank Num: 005  
Container Num: 5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIKING FREIGHT SYSTEM INC (Continued)**

**1000257060**

Year Installed: 1982  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor, Vapor Sniff Well

Tank Num: 006  
Container Num: 6  
Year Installed: 1982  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: 12  
Leak Detection: Visual

Tank Num: 007  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00001500  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Visual

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

**FINDS:**

Registry ID: 110002786183

**Environmental Interest/Information System**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**STATE MASTER**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VIKING FREIGHT SYSTEM INC (Continued)**

**1000257060**

has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

**ECHO:**

Envid: 1000257060  
 Registry ID: 110002786183  
 DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110002786183](http://echo.epa.gov/detailed_facility_report?fid=110002786183)

**E26  
 NW  
 1/8-1/4  
 0.249 mi.  
 1315 ft.**

**1230 MCDOWELL BLVD N  
 PETALUMA, CA  
 Site 3 of 4 in cluster E**

**AST A100323745  
 N/A**

**Relative:  
 Higher**

**AST:**

Certified Unified Program Agencies: Petaluma  
 Owner: FedEx Freight West  
 Total Gallons: 13,110  
 CERSID: Not reported  
 Facility ID: Not reported  
 Business Name: Not reported  
 Phone: Not reported  
 Fax: Not reported  
 Mailing Address: Not reported  
 Mailing Address City: Not reported  
 Mailing Address State: Not reported  
 Mailing Address Zip Code: Not reported  
 Operator Name: Not reported  
 Operator Phone: Not reported  
 Owner Phone: Not reported  
 Owner Mail Address: Not reported  
 Owner State: Not reported  
 Owner Zip Code: Not reported  
 Owner Country: Not reported  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported  
 Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported  
 EPAID: Not reported

**Actual:  
 34 ft.**

**E27  
 NW  
 1/8-1/4  
 0.249 mi.  
 1315 ft.**

**VIKING FREIGHT SYSTEMS  
 1230 MCDOWELL  
 PETALUMA, CA 94952  
 Site 4 of 4 in cluster E**

**LUST S104405063  
 HIST CORTESE N/A**

**Relative:  
 Higher**

**LUST:**

Region: STATE  
 Global Id: T0609700969  
 Latitude: 38.269793  
 Longitude: -122.659758

**Actual:  
 34 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIKING FREIGHT SYSTEMS (Continued)**

**S104405063**

Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/22/1996  
Lead Agency: SONOMA COUNTY LOP  
Case Worker: LCW  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0208  
LOC Case Number: 00002224  
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: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

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

Contact:

Global Id: T0609700969  
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: T0609700969  
Contact Type: Local Agency Caseworker  
Contact Name: LOP CLOSED IN RB02  
Organization Name: SONOMA COUNTY LOP  
Address: 625 FIFTH STREET  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Status History:

Global Id: T0609700969  
Status: Completed - Case Closed  
Status Date: 08/22/1996

Global Id: T0609700969  
Status: Open - Case Begin Date  
Status Date: 08/14/1989

Global Id: T0609700969  
Status: Open - Site Assessment  
Status Date: 04/18/1991

Regulatory Activities:

Global Id: T0609700969  
Action Type: REMEDIATION  
Date: 08/11/1995  
Action: Excavation

Global Id: T0609700969  
Action Type: Other  
Date: 08/14/1989  
Action: Leak Discovery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIKING FREIGHT SYSTEMS (Continued)**

**S104405063**

Global Id: T0609700969  
Action Type: Other  
Date: 01/02/1965  
Action: Leak Reported

**LUST REG 2:**

Region: 2  
Facility Id: 49-0208  
Facility Status: Case Closed  
Case Number: 00002224  
How Discovered: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Wokplan Submitted: Not reported  
Preliminary Site Assessment Began: 4/18/1991  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

**SONOMA CO. LUST:**

Region: SONOMA  
Regional Board: 49-0208  
Closed or Referred: Y  
Confirm Date: 08/22/1996  
LOP Number: 00002224  
Staff: Not reported  
Decode of Staff: Not reported  
Global ID: T0609700969

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0208

**28**  
**SE**  
**1/4-1/2**  
**0.257 mi.**  
**1358 ft.**

**MEADOW PARK UNIT1/WOOD SORREL PROJECT**  
**WOOD SORREL DRIVE BETWEEN YARBERRY AND N. MCDOWELL BLVD.**  
**PETALUMA, CA 94954**

**US BROWNFIELDS** **1012126871**  
**N/A**

**Relative:**  
**Higher**

**US BROWNFIELDS:**

Recipient name: Petaluma, City of  
Grant type: Assessment  
Property name: MEADOW PARK UNIT1/WOOD SORREL PROJECT  
Property #: 137-170-037, 137-061-023  
Parcel size: 1.92  
Property Description: The Site is located in the northeastern section of Petaluma at the south end of Yarberry Drive between McDowell Blvd N and Wood Sorrel Drive in Petaluma, California, and is composed of two parcels of land that are vacant and undeveloped. It is flat, rectangular in shape and is bordered on the northeast side by Wood Sorrel Drive and by

**Actual:**  
**33 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MEADOW PARK UNIT1/WOOD SORREL PROJECT (Continued)**

**1012126871**

McDowell Blvd N on the southwest side. The Site and surrounding area appear to have been rural as late as 1953, the Site itself appearing to have been a corner of a chicken or dairy ranch in 1953. This corner of the ranch was vegetated with grass and trees and has apparently remained undeveloped up to the present. The surrounding area has been developed with mostly residences, with the exception of Petaluma Landscape Supplies, which was in business to the southwest by 1998, and Petaluma Valley Cabinets on the former ranch property to the northeast. PEP Housing is the current owner of the Site and is planning to develop affordable housing for senior citizens on the Site.

Latitude: 38.262990  
Longitude: -122.649650  
HCM label: Interpolation-Digital Map Source (TIGER)  
Map scale: Not reported  
Point of reference: Not reported  
Datum: North American Datum of 1983  
ACRES property ID: 81542  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 2200  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: Not reported  
Redev. funding source: Not reported  
Redev. funding entity name: Not reported  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: Hazardous & Petroleum  
Accomplishment type: Phase I Environmental Assessment  
Accomplishment count: 1  
Cooperative agreement #: 96954201  
Ownership entity: Private  
Current owner: PEP Housing  
Did owner change: N  
Cleanup required: Unknown  
Video available: Not reported  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Not reported  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MEADOW PARK UNIT1/WOOD SORREL PROJECT (Continued)**

**1012126871**

Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	1.92
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MEADOW PARK UNIT1/WOOD SORREL PROJECT (Continued)**

**1012126871**

No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	340
% Below Poverty:	12.6%
# Low Income:	1048
% Low Income:	4.1%
Meidan Income:	9103
# Unemployed:	74
% Unemployed:	58.1%
# Vacant Housing:	51
% Vacant Housing:	84.3%

**F29**  
**SSE**  
 1/4-1/2  
 0.276 mi.  
 1456 ft.

**CHEVRON**  
**2 PETALUMA**  
**PETALUMA, CA 94952**  
 Site 1 of 2 in cluster F

**HIST CORTESE** **S110060489**  
**N/A**

**Relative:**  
**Lower**

HIST CORTESE:  
 Region: CORTESE  
 Facility County Code: 49

**Actual:**  
**30 ft.**

Reg By: LTNKA  
 Reg Id: 49-0030

**F30**  
**SSE**  
 1/4-1/2  
 0.280 mi.  
 1480 ft.

**HANSEL FORD (FORMER)**  
**13 PETALUMA BLVD S**  
**PETALUMA, CA 94952**  
 Site 2 of 2 in cluster F

**LUST** **S102431188**  
**HIST CORTESE** **N/A**

**Relative:**  
**Lower**

LUST REG 2:  
 Region: 2  
 Facility Id: 49-0070  
 Facility Status: Post remedial action monitoring  
 Case Number: 00001204  
 How Discovered: Tank Closure  
 Leak Cause: UNK  
 Leak Source: UNK  
 Date Leak Confirmed: Not reported  
 Oversight Program: LUST  
 Prelim. Site Assesment Wokplan Submitted: Not reported  
 Preliminary Site Assesment Began: 9/5/1989  
 Pollution Characterization Began: 12/17/2001

**Actual:**  
**30 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HANSEL FORD (FORMER) (Continued)**

**S102431188**

Pollution Remediation Plan Submitted: 6/5/2002  
Date Remediation Action Underway: 6/17/2002  
Date Post Remedial Action Monitoring Began: 7/30/2002

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0070

**31  
WNW  
1/4-1/2  
0.282 mi.  
1488 ft.**

**SMALL PRECISION TOOLS  
1330 CLEGG ST  
PETALUMA, CA 94952**

**RCRA-SQG 1000288100  
FINDS CAD982505786  
EMI  
HAZNET  
HIST CORTESE  
ECHO**

**Relative:  
Lower**

**RCRA-SQG:**

**Actual:  
31 ft.**

Date form received by agency: 06/09/1989  
Facility name: SMALL PRECISION TOOLS  
Facility address: 1330 CLEGG ST  
PETALUMA, CA 94952  
EPA ID: CAD982505786  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 1330 CLEGG ST  
PETALUMA, CA 94952  
Contact country: US  
Contact telephone: (707) 762-5417  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: KEN ELLETT  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110001176842

Environmental Interest/Information System

AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

EMI:

Year: 1990  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 3671  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 3679  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1996  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 3679  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1997  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 3679  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998  
County Code: 49  
Air Basin: SF  
Facility ID: 2984

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

Air District Name: BA  
SIC Code: 3679  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1999  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2000  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2001  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Year:	2002
County Code:	49
Air Basin:	SF
Facility ID:	2984
Air District Name:	BA
SIC Code:	5084
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Year:	2004
County Code:	49
Air Basin:	SF
Facility ID:	2984
Air District Name:	BA
SIC Code:	5084
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Year:	2005
County Code:	49
Air Basin:	SF
Facility ID:	2984
Air District Name:	BA
SIC Code:	5084
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

Year: 2006  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2008  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2009  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2010  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.7650000000000001  
Reactive Organic Gases Tons/Yr: 0.30599999999999999  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2011  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.765  
Reactive Organic Gases Tons/Yr: 0.306  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2012  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.765  
Reactive Organic Gases Tons/Yr: 0.306  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2013  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.765  
Reactive Organic Gases Tons/Yr: 0.306  
Carbon Monoxide Emissions Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2014  
County Code: 49  
Air Basin: SF  
Facility ID: 2984  
Air District Name: BA  
SIC Code: 5084  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.76447637  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

**HAZNET:**

envid: 1000288100  
Year: 2014  
GEPAID: CAD982505786  
Contact: CHARLIE NEWSOME HAZMAT COORD  
Telephone: 7077625880  
Mailing Name: Not reported  
Mailing Address: 1330 CLEGG ST  
Mailing City,St,Zip: PETALUMA, CA 949541127  
Gen County: Sonoma  
TSD EPA ID: CAD044429835  
TSD County: Los Angeles  
Waste Category: Off-specification, aged or surplus organics  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.33  
Cat Decode: Off-specification, aged or surplus organics  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Sonoma

envid: 1000288100  
Year: 2013  
GEPAID: CAD982505786  
Contact: CHARLIE NEWSOME HAZMAT COORD  
Telephone: 7077625880  
Mailing Name: Not reported  
Mailing Address: 1330 CLEGG ST  
Mailing City,St,Zip: PETALUMA, CA 949541127  
Gen County: Sonoma  
TSD EPA ID: CAD059494310  
TSD County: Santa Clara  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

Tons: 0.03  
Cat Decode: Not reported  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Not reported

envid: 1000288100  
Year: 2013  
GEPaid: CAD982505786  
Contact: CHARLIE NEWSOME HAZMAT COORD  
Telephone: 7077625880

Mailing Name: Not reported  
Mailing Address: 1330 CLEGG ST  
Mailing City,St,Zip: PETALUMA, CA 949541127

Gen County: Sonoma  
TSD EPA ID: CAD044429835  
TSD County: Los Angeles

Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.3135  
Cat Decode: Not reported  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Not reported

envid: 1000288100  
Year: 2012  
GEPaid: CAD982505786  
Contact: CHARLIE NEWSOME HAZMAT COORD  
Telephone: 7077625880

Mailing Name: Not reported  
Mailing Address: 1330 CLEGG ST  
Mailing City,St,Zip: PETALUMA, CA 949541127

Gen County: Sonoma  
TSD EPA ID: CAD044429835  
TSD County: Los Angeles

Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.264  
Cat Decode: Not reported  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Sonoma

envid: 1000288100  
Year: 2011  
GEPaid: CAD982505786  
Contact: CHARLIE NEWSOME HAZMAT COORD  
Telephone: 7077625880

Mailing Name: Not reported  
Mailing Address: 1330 CLEGG ST  
Mailing City,St,Zip: PETALUMA, CA 949541127

Gen County: Not reported  
TSD EPA ID: CAD008252405  
TSD County: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMALL PRECISION TOOLS (Continued)**

**1000288100**

Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.1815  
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site  
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access 94 additional CA\_HAZNET: record(s) in the EDR Site Report.

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 2984

**ECHO:**

Envid: 1000288100  
Registry ID: 110001176842  
DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110001176842](http://echo.epa.gov/detailed_facility_report?fid=110001176842)

**32**  
**West**  
**1/4-1/2**  
**0.357 mi.**  
**1886 ft.**

**MALTBY ELECTRIC SUPPLY**  
**1200 HOLM RD**  
**PETALUMA, CA 94952**

**LUST** **S102432940**  
**HIST CORTESE** **N/A**

**Relative:**  
**Lower**

**LUST:**

Region: STATE  
Global Id: T0609700864  
Latitude: 38.267443  
Longitude: -122.662945  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 12/06/1993  
Lead Agency: SONOMA COUNTY LOP  
Case Worker: LCW  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0097  
LOC Case Number: 00002750  
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: T0609700864  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MALTBY ELECTRIC SUPPLY (Continued)**

**S102432940**

Global Id: T0609700864  
Contact Type: Local Agency Caseworker  
Contact Name: LOP CLOSED IN RB02  
Organization Name: SONOMA COUNTY LOP  
Address: 625 FIFTH STREET  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Status History:

Global Id: T0609700864  
Status: Completed - Case Closed  
Status Date: 12/06/1993

Global Id: T0609700864  
Status: Open - Case Begin Date  
Status Date: 10/29/1990

Global Id: T0609700864  
Status: Open - Site Assessment  
Status Date: 12/24/1990

Regulatory Activities:

Global Id: T0609700864  
Action Type: Other  
Date: 10/29/1990  
Action: Leak Discovery

Global Id: T0609700864  
Action Type: Other  
Date: 01/02/1965  
Action: Leak Reported

LUST REG 2:

Region: 2  
Facility Id: 49-0097  
Facility Status: Case Closed  
Case Number: 00002750  
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: 12/24/1990  
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

SONOMA CO. LUST:

Region: SONOMA  
Regional Board: 49-0097  
Closed or Referred: Closed

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MALTBY ELECTRIC SUPPLY (Continued)**

**S102432940**

Confirm Date: 12/06/1993  
 LOP Number: 00002750  
 Staff: Not reported  
 Decode of Staff: Not reported  
 Global ID: T0609700864

**HIST CORTESE:**

Region: CORTESE  
 Facility County Code: 49  
 Reg By: LTNKA  
 Reg Id: 49-0097

**33**  
**SW**  
**1/4-1/2**  
**0.371 mi.**  
**1959 ft.**

**GREENKO, INC**  
**84 CORONA ROAD**  
**PETALUMA, CA**

**SWF/LF S109454146**  
**N/A**

**Relative:**  
**Lower**

**SWF/LF (SWIS):**

Region: STATE  
 Facility ID: 49-AA-0396  
 Lat/Long: 38.26231 / -122.65978  
 Owner Name: Brazil, Manuel A.  
 Owner Telephone: 7077630893  
 Owner Address: Not reported  
 Owner Address2: 84 Corona Road  
 Owner City,St,Zip: Petaluma, CA 94952  
 Operational Status: Closed  
 Operator: Johnson, Lawrence  
 Operator Phone: 7077661739  
 Operator Address: Not reported  
 Operator Address2: P.O. Box 751287  
 Operator City,St,Zip: Petaluma, CA 94975  
 Permit Date: 10/18/2005  
 Permit Status: Notification  
 Permitted Acreage: Not reported  
 Activity: Composting Operation (Green Waste)  
 Regulation Status: Not Currently Regulated  
 Landuse Name: Not reported  
 GIS Source: Map  
 Category: Composting  
 Unit Number: 01  
 Inspection Frequency: None  
 Accepted Waste: Agricultural, Green Materials, Manure, Wood waste  
 Closure Date: Not reported  
 Closure Type: Not reported  
 Disposal Acreage: Not reported  
 SWIS Num: 49-AA-0396  
 Waste Discharge Requirement Num: Not reported  
 Program Type: Not reported  
 Permitted Throughput with Units: 100  
 Actual Throughput with Units: Tons/day  
 Permitted Capacity with Units: 150000  
 Remaining Capacity: Not reported  
 Remaining Capacity with Units: Cu Yards/year  
 Lat/Long: 38.26231 / -122.65978

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G34**  
**WNW**  
**1/4-1/2**  
**0.398 mi.**  
**2099 ft.**  
**SPONGBERG, CHARLES**  
**1330 ROSS STREET**  
**PETALUMA, CA 93010**  
**Site 1 of 3 in cluster G**

**Notify 65** **S100178818**  
**N/A**

**Relative:** NOTIFY 65:  
**Higher** Date Reported: Not reported  
Staff Initials: Not reported  
**Actual:** Board File Number: Not reported  
**33 ft.** Facility Type: Not reported  
Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Not reported

**G35**  
**WNW**  
**1/4-1/2**  
**0.398 mi.**  
**2099 ft.**  
**OFFICE HELPER PRODUCTS**  
**1330 ROSS**  
**PETALUMA, CA 94952**  
**Site 2 of 3 in cluster G**

**LUST** **S101304864**  
**HIST CORTESE** **N/A**

**Relative:** LUST:  
**Higher** Region: STATE  
Global Id: T0609700875  
**Actual:** Latitude: 38.26968288  
**33 ft.** Longitude: -122.662567606  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 06/18/2014  
Lead Agency: SONOMA COUNTY LOP  
Case Worker: LCW  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0111  
LOC Case Number: 00001776  
File Location: Local Agency Warehouse  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Excerpts of site history from file reports: In 1998, one underground storage tank (UST) was removed from the site. The site was investigated through 2006. The site was overexcavated in 2007.

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

**Contact:**  
Global Id: T0609700875  
Contact Type: Regional Board Caseworker  
Contact Name: Regional Water Board  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY ST SUITE 1400  
City: OAKLAND  
Email: Not reported  
Phone Number: Not reported

**Status History:**  
Global Id: T0609700875  
Status: Completed - Case Closed  
Status Date: 06/18/2014  
  
Global Id: T0609700875  
Status: Open - Case Begin Date



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OFFICE HELPER PRODUCTS (Continued)

S101304864

Status Date: 10/07/1988

Global Id: T0609700875  
Status: Open - Eligible for Closure  
Status Date: 07/11/2013

Global Id: T0609700875  
Status: Open - Remediation  
Status Date: 12/22/2004

Global Id: T0609700875  
Status: Open - Remediation  
Status Date: 03/28/2007

Global Id: T0609700875  
Status: Open - Remediation  
Status Date: 06/28/2007

Global Id: T0609700875  
Status: Open - Remediation  
Status Date: 12/19/2007

Global Id: T0609700875  
Status: Open - Site Assessment  
Status Date: 08/23/1989

Global Id: T0609700875  
Status: Open - Site Assessment  
Status Date: 08/13/1997

Global Id: T0609700875  
Status: Open - Verification Monitoring  
Status Date: 12/03/2007

Global Id: T0609700875  
Status: Open - Verification Monitoring  
Status Date: 01/12/2008

Regulatory Activities:

Global Id: T0609700875  
Action Type: ENFORCEMENT  
Date: 04/13/2010  
Action: Staff Letter

Global Id: T0609700875  
Action Type: ENFORCEMENT  
Date: 02/24/2011  
Action: Staff Letter

Global Id: T0609700875  
Action Type: ENFORCEMENT  
Date: 10/04/2013  
Action: Clean Up Fund - Letter to RP

Global Id: T0609700875  
Action Type: RESPONSE  
Date: 11/01/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OFFICE HELPER PRODUCTS (Continued)**

**S101304864**

Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0609700875  
Action Type: RESPONSE  
Date: 03/02/2009  
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0609700875  
Action Type: RESPONSE  
Date: 04/20/2014  
Action: Well Destruction Report - Regulator Responded

Global Id: T0609700875  
Action Type: RESPONSE  
Date: 05/13/2014  
Action: Well Destruction Report - Regulator Responded

Global Id: T0609700875  
Action Type: RESPONSE  
Date: 03/10/2014  
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700875  
Action Type: RESPONSE  
Date: 05/15/2007  
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0609700875  
Action Type: ENFORCEMENT  
Date: 02/05/2009  
Action: Staff Letter

Global Id: T0609700875  
Action Type: REMEDIATION  
Date: 11/28/2007  
Action: Excavation

Global Id: T0609700875  
Action Type: ENFORCEMENT  
Date: 09/07/2011  
Action: Staff Letter

Global Id: T0609700875  
Action Type: Other  
Date: 10/15/1988  
Action: Leak Discovery

Global Id: T0609700875  
Action Type: ENFORCEMENT  
Date: 02/22/2006  
Action: Staff Letter

Global Id: T0609700875  
Action Type: ENFORCEMENT  
Date: 06/21/2011  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OFFICE HELPER PRODUCTS (Continued)**

**S101304864**

Global Id:	T0609700875
Action Type:	Other
Date:	10/07/1988
Action:	Leak Reported
Global Id:	T0609700875
Action Type:	ENFORCEMENT
Date:	02/24/2012
Action:	Staff Letter
Global Id:	T0609700875
Action Type:	ENFORCEMENT
Date:	01/10/2014
Action:	State Water Board Closure Order
Global Id:	T0609700875
Action Type:	ENFORCEMENT
Date:	03/29/2007
Action:	Staff Letter
Global Id:	T0609700875
Action Type:	ENFORCEMENT
Date:	06/18/2014
Action:	Clean Up Fund - Letter to RP
Global Id:	T0609700875
Action Type:	ENFORCEMENT
Date:	05/29/2014
Action:	Staff Letter
Global Id:	T0609700875
Action Type:	Other
Date:	10/07/1988
Action:	Leak Stopped
Global Id:	T0609700875
Action Type:	RESPONSE
Date:	08/21/2011
Action:	Soil and Water Investigation Workplan
Global Id:	T0609700875
Action Type:	ENFORCEMENT
Date:	10/04/2013
Action:	Clean Up Fund - Case Closure Review Summary Report (RSR)
Global Id:	T0609700875
Action Type:	ENFORCEMENT
Date:	02/20/2014
Action:	Staff Letter
Global Id:	T0609700875
Action Type:	RESPONSE
Date:	10/01/2007
Action:	Final Remedial Action Report / Corrective Action Report
Global Id:	T0609700875
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OFFICE HELPER PRODUCTS (Continued)**

**S101304864**

Date: 06/15/2006  
Action: CAP/RAP - Final Remediation / Design Plan

**LUST REG 2:**

Region: 2  
Facility Id: 49-0111  
Facility Status: Pollution Characterization  
Case Number: 00001776  
How Discovered: Tank Closure  
Leak Cause: UNK  
Leak Source: Piping  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 8/23/1989  
Pollution Characterization Began: 8/13/1997  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

**SONOMA CO. LUST:**

Region: SONOMA  
Regional Board: 49-0111  
Closed or Referred: Y  
Confirm Date: 06/18/2014  
LOP Number: 00001776  
Staff: Not reported  
Decode of Staff: Not reported  
Global ID: T0609700875

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0111

**G36  
NW  
1/4-1/2  
0.407 mi.  
2149 ft.**

**LEONARD JAY DEVELOPMENT  
1334 ROSS  
PETALUMA, CA 94952  
Site 3 of 3 in cluster G**

**LUST S103628614  
HIST CORTESE N/A**

**Relative:  
Higher**

**LUST:**

Region: STATE  
Global Id: T0609700858  
Latitude: 38.2703149  
Longitude: -122.662376  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 12/05/1988  
Lead Agency: SONOMA COUNTY LOP  
Case Worker: LCW  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0091  
LOC Case Number: 00001181

**Actual:  
34 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEONARD JAY DEVELOPMENT (Continued)**

**S103628614**

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: T0609700858  
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: T0609700858  
Contact Type: Local Agency Caseworker  
Contact Name: LOP CLOSED IN RB02  
Organization Name: SONOMA COUNTY LOP  
Address: 625 FIFTH STREET  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Status History:

Global Id: T0609700858  
Status: Completed - Case Closed  
Status Date: 12/05/1988

Global Id: T0609700858  
Status: Open - Case Begin Date  
Status Date: 12/05/1988

Regulatory Activities:

Global Id: T0609700858  
Action Type: Other  
Date: 01/02/1965  
Action: Leak Reported

LUST REG 2:

Region: 2  
Facility Id: 49-0091  
Facility Status: Case Closed  
Case Number: 00001181  
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: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEONARD JAY DEVELOPMENT (Continued)**

**S103628614**

Date Remediation Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

**SONOMA CO. LUST:**

Region: SONOMA  
Regional Board: 49-0091  
Closed or Referred: Y  
Confirm Date: 12/05/1988  
LOP Number: 00001181  
Staff: Not reported  
Decode of Staff: Not reported  
Global ID: T0609700858

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0091

**37  
SW  
1/4-1/2  
0.477 mi.  
2516 ft.**

**BOULEVARD DELI  
3590 PETALUMA  
PETALUMA, CA 94952**

**LUST S103879567  
HIST CORTESE N/A**

**Relative:  
Lower**

**LUST:**

**Actual:  
21 ft.**

Region: STATE  
Global Id: T0609701038  
Latitude: 38.260919  
Longitude: -122.661745  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 07/21/2000  
Lead Agency: SONOMA COUNTY LOP  
Case Worker: LCW  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0292  
LOC Case Number: 00021355  
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: T0609701038  
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: T0609701038  
Contact Type: Local Agency Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BOULEVARD DELI (Continued)**

**S103879567**

Contact Name: LOP CLOSED IN RB02  
Organization Name: SONOMA COUNTY LOP  
Address: 625 FIFTH STREET  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Status History:

Global Id: T0609701038  
Status: Completed - Case Closed  
Status Date: 07/21/2000

Global Id: T0609701038  
Status: Open - Case Begin Date  
Status Date: 12/15/1998

Regulatory Activities:

Global Id: T0609701038  
Action Type: Other  
Date: 12/15/1998  
Action: Leak Discovery

Global Id: T0609701038  
Action Type: Other  
Date: 12/15/1998  
Action: Leak Reported

LUST REG 2:

Region: 2  
Facility Id: 49-0292  
Facility Status: Case Closed  
Case Number: 00021355  
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: Not reported  
Pollution Characterization Began: Not reported  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

SONOMA CO. LUST:

Region: SONOMA  
Regional Board: 49-0292  
Closed or Referred: Y  
Confirm Date: 07/21/2000  
LOP Number: 00021355  
Staff: Not reported  
Decode of Staff: Not reported  
Global ID: T0609701038

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BOULEVARD DELI (Continued)**

**S103879567**

HIST CORTESE:  
Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0292

**H38  
NW  
1/4-1/2  
0.477 mi.  
2521 ft.**

**COMCAST OF CALIFORNIA/COLORADO  
1289 N MCDOWELL BLVD  
PETALUMA, CA 94954  
Site 1 of 2 in cluster H**

**HIST UST  
EMI  
HIST CORTESE**

**U001600658  
N/A**

**Relative:  
Higher**

HIST UST:  
File Number: 000218E7  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000218E7.pdf>  
Region: STATE  
Facility ID: 00000014728  
Facility Type: Other  
Other Type: CABLE TV  
Contact Name: JIM REGAN  
Telephone: 7077632272  
Owner Name: VIACOM CABLEVISION  
Owner Address: 1289 NO. MCDOWELL BLVD.  
Owner City,St,Zip: PETALUMA, CA 94952  
0001  
Tank Num: 001  
Container Num: ONE  
Year Installed: 1978  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 3/16  
Leak Detection: None

**Actual:  
36 ft.**

Click here for Geo Tracker PDF:

EMI:  
Year: 2008  
County Code: 49  
Air Basin: SF  
Facility ID: 15960  
Air District Name: BA  
SIC Code: 4931  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: .001  
NOX - Oxides of Nitrogen Tons/Yr: .002  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0  
Year: 2009  
County Code: 49



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMCAST OF CALIFORNIA/COLORADO (Continued)**

**U001600658**

Air Basin:	SF
Facility ID:	15960
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.002
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0
Year:	2010
County Code:	49
Air Basin:	SF
Facility ID:	15960
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	3.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0
Year:	2011
County Code:	49
Air Basin:	SF
Facility ID:	15960
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.003
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0
Year:	2012
County Code:	49
Air Basin:	SF
Facility ID:	15960
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMCAST OF CALIFORNIA/COLORADO (Continued)**

**U001600658**

Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0.001  
NOX - Oxides of Nitrogen Tons/Yr: 0.003  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2013  
County Code: 49  
Air Basin: SF  
Facility ID: 15960  
Air District Name: BA  
SIC Code: 4931  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0.001  
NOX - Oxides of Nitrogen Tons/Yr: 0.003  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2014  
County Code: 49  
Air Basin: SF  
Facility ID: 15960  
Air District Name: BA  
SIC Code: 4931  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.000861318  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0.002600999  
NOX - Oxides of Nitrogen Tons/Yr: 0.01196405  
SOX - Oxides of Sulphur Tons/Yr: 5.546e-006  
Particulate Matter Tons/Yr: 0.000890624  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000854999

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0207

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**H39**  
**NW**  
**1/4-1/2**  
**0.482 mi.**  
**2543 ft.**

**VIACOM CABLE VISION**  
**1289 MCDOWELL BLVD N**  
**PETALUMA, CA 94952**

**Site 2 of 2 in cluster H**

**LUST** **S105033554**  
**N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**36 ft.**

Region: STATE  
Global Id: T0609700968  
Latitude: 38.271234  
Longitude: -122.663491  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 12/20/1991  
Lead Agency: SONOMA COUNTY LOP  
Case Worker: LCW  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0207  
LOC Case Number: 00001486  
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: T0609700968  
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: T0609700968  
Contact Type: Local Agency Caseworker  
Contact Name: LOP CLOSED IN RB02  
Organization Name: SONOMA COUNTY LOP  
Address: 625 FIFTH STREET  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Status History:

Global Id: T0609700968  
Status: Completed - Case Closed  
Status Date: 12/20/1991

Global Id: T0609700968  
Status: Open - Case Begin Date  
Status Date: 04/07/1986

Global Id: T0609700968  
Status: Open - Site Assessment  
Status Date: 10/01/1986

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIACOM CABLE VISION (Continued)**

**S105033554**

Regulatory Activities:

Global Id: T0609700968  
Action Type: Other  
Date: 04/07/1986  
Action: Leak Discovery

Global Id: T0609700968  
Action Type: Other  
Date: 01/02/1965  
Action: Leak Reported

LUST REG 2:

Region: 2  
Facility Id: 49-0207  
Facility Status: Case Closed  
Case Number: 00001486  
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: 10/1/1986  
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

SONOMA CO. LUST:

Region: SONOMA  
Regional Board: 49-0207  
Closed or Referred: Closed  
Confirm Date: 12/20/1991  
LOP Number: 00001486  
Staff: Not reported  
Decode of Staff: Not reported  
Global ID: T0609700968

40  
NNE  
1/4-1/2  
0.495 mi.  
2615 ft.

**BOLLINGER PROPERTY**  
**580 CORONA RD**  
**PETALUMA, CA 94952**

**LUST S102425529**  
**HIST CORTESE N/A**

Relative:  
Higher

LUST:

Region: STATE  
Global Id: T0609700787  
Latitude: 38.2728661  
Longitude: -122.6512708  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 04/11/1991  
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)  
Case Worker: JMJ  
Local Agency: SONOMA COUNTY

Actual:  
43 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BOLLINGER PROPERTY (Continued)**

**S102425529**

RB Case Number: 49-0017  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

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

**Contact:**

Global Id: T0609700787  
Contact Type: Regional Board Caseworker  
Contact Name: JOHN JANG  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: jjang@waterboards.ca.gov  
Phone Number: Not reported

**Status History:**

Global Id: T0609700787  
Status: Completed - Case Closed  
Status Date: 04/11/1991

Global Id: T0609700787  
Status: Open - Case Begin Date  
Status Date: 05/15/1989

Global Id: T0609700787  
Status: Open - Site Assessment  
Status Date: 05/15/1989

**Regulatory Activities:**

Global Id: T0609700787  
Action Type: Other  
Date: 10/03/1989  
Action: Leak Discovery

Global Id: T0609700787  
Action Type: Other  
Date: 10/03/1989  
Action: Leak Reported

Global Id: T0609700787  
Action Type: Other  
Date: 10/03/1989  
Action: Leak Stopped

**LUST REG 2:**

Region: 2  
Facility Id: 49-0017  
Facility Status: Case Closed  
Case Number: 49-0017  
How Discovered: Tank Closure  
Leak Cause: Structure Failure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BOLLINGER PROPERTY (Continued)**

**S102425529**

Leak Source: Tank  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 5/15/1989  
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

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 49  
Reg By: LTNKA  
Reg Id: 49-0017

41  
WNW  
1/2-1  
0.512 mi.  
2703 ft.

**SMITH PROPERTY (FORMER)**  
1290 HOLM RD  
PETALUMA, CA 94952

**LUST S105205497**  
**Notify 65 N/A**

**Relative:**  
**Higher**

**LUST REG 2:**

Region: 2  
Facility Id: 49-0309  
Facility Status: Preliminary site assessment underway  
Case Number: 00020911  
How Discovered: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Date Leak Confirmed: 7/10/2001  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 11/12/2002  
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:**  
**33 ft.**

**NOTIFY 65:**

Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**42**  
**SE**  
**1/2-1**  
**0.514 mi.**  
**2715 ft.**

**745 N MCDOWELL BLVD**  
**PETALUMA, CA 93010**

**Notify 65**    **S100179555**  
**N/A**

**Relative:**  
**Higher**

NOTIFY 65:  
 Date Reported: Not reported  
 Staff Initials: Not reported  
 Board File Number: Not reported  
 Facility Type: Not reported  
 Discharge Date: Not reported  
 Issue Date: Not reported  
 Incident Description: Not reported

**Actual:**  
**33 ft.**

**43**  
**West**  
**1/2-1**  
**0.698 mi.**  
**3686 ft.**

**PETALUMA COMMUNITY SCHOOL**  
**1355 INDUSTRIAL AVENUE**  
**PETALUMA, CA 94952**

**ENVIROSTOR**    **S118756987**  
**SCH**    **N/A**

**Relative:**  
**Lower**

ENVIROSTOR:  
 Facility ID: 49000001  
 Status: No Action Required  
 Status Date: 12/26/2001  
 Site Code: 204089  
 Site Type: School Investigation  
 Site Type Detailed: School  
 Acres: 1.94  
 NPL: NO  
 Regulatory Agencies: DTSC  
 Lead Agency: DTSC  
 Program Manager: Not reported  
 Supervisor: Charles Ridenour  
 Division Branch: Northern California Schools & Santa Susana  
 Assembly: 10  
 Senate: 03  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: School District  
 Latitude: 38.26759  
 Longitude: -122.6697  
 APN: 007-412-038  
 Past Use: NONE  
 Potential COC: NONE SPECIFIED No Contaminants found  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NMA  
 Alias Name: PETALUMA COMMUNITY SCHOOL  
 Alias Type: Alternate Name  
 Alias Name: SONOMA COE-PETALUMA COMMUNITY SCHOOL  
 Alias Type: Alternate Name  
 Alias Name: SONOMA COUNTY OFFICE OF EDUCATION  
 Alias Type: Alternate Name  
 Alias Name: 007-412-038  
 Alias Type: APN  
 Alias Name: 204089  
 Alias Type: Project Code (Site Code)  
 Alias Name: 49000001  
 Alias Type: Envirostor ID Number

**Actual:**  
**31 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETALUMA COMMUNITY SCHOOL (Continued)**

**S118756987**

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 12/14/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 12/27/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 12/26/2001  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SCH:

Facility ID: 49000001  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 1.94  
National Priorities List: NO  
Cleanup Oversight Agencies: DTSC  
Lead Agency: DTSC  
Lead Agency Description: \* DTSC  
Project Manager: Not reported  
Supervisor: Charles Ridenour  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 204089  
Assembly: 10  
Senate: 03  
Special Program Status: Not reported  
Status: No Action Required  
Status Date: 12/26/2001  
Restricted Use: NO  
Funding: School District  
Latitude: 38.26759  
Longitude: -122.6697  
APN: 007-412-038  
Past Use: NONE  
Potential COC: NONE SPECIFIED, No Contaminants found



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETALUMA COMMUNITY SCHOOL (Continued)**

**S118756987**

Confirmed COC: NONE SPECIFIED  
Potential Description: NMA  
Alias Name: PETALUMA COMMUNITY SCHOOL  
Alias Type: Alternate Name  
Alias Name: SONOMA COE-PETALUMA COMMUNITY SCHOOL  
Alias Type: Alternate Name  
Alias Name: SONOMA COUNTY OFFICE OF EDUCATION  
Alias Type: Alternate Name  
Alias Name: 007-412-038  
Alias Type: APN  
Alias Name: 204089  
Alias Type: Project Code (Site Code)  
Alias Name: 49000001  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 12/14/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 12/27/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 12/26/2001  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

44  
NNE  
1/2-1  
0.797 mi.  
4210 ft.

**TAKASHI KOGA PROPERTY (FORMER)**  
**763 CORONA ROAD**  
**PETALUMA, CA 94954**

**LUST S106118288**  
**Notify 65 N/A**

**Relative:**  
**Higher**

LUST REG 2:

Region: 2  
Facility Id: 49-0319  
Facility Status: Preliminary site assessment underway  
Case Number: 00024645  
How Discovered: SAS  
Leak Cause: UNK  
Leak Source: Tank

**Actual:**  
**59 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TAKASHI KOGA PROPERTY (FORMER) (Continued)**

**S106118288**

Date Leak Confirmed: 12/23/2002  
Oversight Program: LUST  
Prelim. Site Assessment Wokplan Submitted: 10/20/2003  
Preliminary Site Assessment Began: 10/29/2003  
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

**SONOMA CO. LUST:**

Region: SONOMA  
Regional Board: 49-0319  
Closed or Referred: Not reported  
Confirm Date: Not reported  
LOP Number: 00024645  
Staff: DB  
Decode of Staff: Darcy Bering  
Global ID: T0609714551

**NOTIFY 65:**

Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Not reported

**45  
NE  
1/2-1  
0.839 mi.  
4430 ft.**

**JUNIOR HIGH SCHOOL  
SANDSTONE DRIVE/RIESLING ROAD  
PETALUMA, CA 94954**

**ENVIROSTOR S118756992  
SCH N/A**

**Relative:  
Higher**

**ENVIROSTOR:**

Facility ID: 49010004  
Status: No Action Required  
Status Date: 11/22/2002  
Site Code: 204109  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 14.2  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Kamili Siglowide  
Supervisor: Juan Koponen  
Division Branch: Northern California Schools & Santa Susana  
Assembly: 10  
Senate: 03  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 38.27439  
Longitude: -122.6429  
APN: NONE SPECIFIED

**Actual:  
53 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JUNIOR HIGH SCHOOL (Continued)**

**S118756992**

Past Use: NONE, AGRICULTURAL - LIVESTOCK  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: NONE SPECIFIED  
Potential Description: NMA  
Alias Name: JUNIOR HIGH SCHOOL  
Alias Type: Alternate Name  
Alias Name: PETALUMA CITY SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: PETALUMA SD-JR HIGH AT SANDSTONE&RIESLNG  
Alias Type: Alternate Name  
Alias Name: 204109  
Alias Type: Project Code (Site Code)  
Alias Name: 49010004  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 11/20/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 12/31/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 11/22/2002  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SCH:

Facility ID: 49010004  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 14.2  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Kamili Siglowide  
Supervisor: Juan Koponen

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JUNIOR HIGH SCHOOL (Continued)**

**S118756992**

Division Branch: Northern California Schools & Santa Susana  
Site Code: 204109  
Assembly: 10  
Senate: 03  
Special Program Status: Not reported  
Status: No Action Required  
Status Date: 11/22/2002  
Restricted Use: NO  
Funding: School District  
Latitude: 38.27439  
Longitude: -122.6429  
APN: NONE SPECIFIED  
Past Use: NONE, AGRICULTURAL - LIVESTOCK  
Potential COC: NONE SPECIFIED, No Contaminants found  
Confirmed COC: NONE SPECIFIED  
Potential Description: NMA  
Alias Name: JUNIOR HIGH SCHOOL  
Alias Type: Alternate Name  
Alias Name: PETALUMA CITY SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: PETALUMA SD-JR HIGH AT SANDSTONE&RIESLNG  
Alias Type: Alternate Name  
Alias Name: 204109  
Alias Type: Project Code (Site Code)  
Alias Name: 49010004  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 11/20/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 12/31/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 11/22/2002  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

46  
NW  
1/2-1  
0.892 mi.  
4710 ft.

STEEL BEAR DELI  
5155 OLD REDWOOD HWY, N  
PETALUMA, CA 94954

LUST S106463220  
Notify 65 N/A

Relative:  
Higher

LUST:

Actual:  
35 ft.

Region: STATE  
Global Id: T0609755725  
Latitude: 38.275137157  
Longitude: -122.669693622  
Case Type: LUST Cleanup Site  
Status: Open - Verification Monitoring  
Status Date: 10/19/2015  
Lead Agency: SONOMA COUNTY LOP  
Case Worker: DB  
Local Agency: SONOMA COUNTY LOP  
RB Case Number: 49-0323  
LOC Case Number: 00005752  
File Location: Local Agency  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History:  
Excerpt from "Report of Investigation" (EBA Engineering, April 2010)  
According to information provided by Mr. Tom Behrs, current owner of the project site, five or six former USTs were removed from the property in 1976, prior to Mr. Behrs acquiring the property. No records of the UST locations or their removal have been located during searches of regulatory agency files; however, Mr. Behrs has indicated that all of the USTs were previously located to the south of the SBD building. During a geophysical survey conducted on the northern portion of the project site in 2004, an approximate 6,000-gallon UST was located beneath the project site on the north side of the SBD building. EBA personnel observed the removal of the UST by Johns Excavating of Santa Rosa, California on March 24, 2004. Following the removal of all liquids and confirmation that the residual petroleum vapor concentrations within the UST were below regulatory limits, the UST was removed under supervision of the City of Petaluma. Inspection of the UST indicated several holes and corrosion on the USTs bottom and eastern end. The findings from the excavation were summarized in EBAs report entitled Results of UST Removal (EBA, 2004). Since October of 2004, a total of nine monitoring wells (MW-i through MW-9) have been installed on site as part of a groundwater monitoring program (see Figure 2, Appendix A). Groundwater analytical results indicate that there are significant petroleum hydrocarbon impacts in MW-2, MW-3, MW-5, MW-7, and MW-8. Please refer to Appendix B for tables containing cumulative soil and groundwater analytical data pertinent to the project site monitoring wells. As part of previous subsurface investigations, a total of 32 soil borings (SB-i through SB-32) have been drilled between October 2004 and January 2008. These soil borings were advanced in an effort to laterally define petroleum hydrocarbon impacts on and adjacent to the project site. Please refer to Appendix B for tables containing cumulative soil and groundwater analytical data relevant to previous soil borings. Soil samples analyzed from previous soil borings advanced along the eastern margin of the project site (SB-b and SB-28 through SB-31) exhibit detected concentrations of Total Petroleum Hydrocarbons as gasoline (TPH-g) up to 30.94 milligrams per kilogram (mg/kg). Benzene, toluene, ethylbenzene, and total xylenes (BTEX) were also detected in soil samples from these soil borings at

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

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EPA ID Number

**STEEL BEAR DELI (Continued)**

**S106463220**

concentrations up to 0.539 mg/kg (Table 1, Appendix B). Groundwater grab samples analyzed from these soil borings have yielded TPH-g concentrations ranging from 3,640 to 14,400 micrograms per liter (µg/L), and detected BTEX concentrations up to 2,110 µg/L (Table 2, Appendix B). Additional notes by LOP Site is characterized. A Feasibility Study and Corrective Action Plan are due on November 19, 2010. DPE pilot occurred from 6/4 through 6/26.

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

**Contact:**

Global Id: T0609755725  
Contact Type: Local Agency Caseworker  
Contact Name: DARCY BERING  
Organization Name: SONOMA COUNTY LOP  
Address: 625 FIFTH STREET  
City: SANTA ROSA  
Email: darcy.bering@sonoma-county.org  
Phone Number: Not reported

**Status History:**

Global Id: T0609755725  
Status: Open - Case Begin Date  
Status Date: 03/24/2004

Global Id: T0609755725  
Status: Open - Remediation  
Status Date: 03/04/2015

Global Id: T0609755725  
Status: Open - Site Assessment  
Status Date: 05/06/2004

Global Id: T0609755725  
Status: Open - Site Assessment  
Status Date: 07/29/2004

Global Id: T0609755725  
Status: Open - Site Assessment  
Status Date: 09/13/2004

Global Id: T0609755725  
Status: Open - Site Assessment  
Status Date: 05/19/2005

Global Id: T0609755725  
Status: Open - Site Assessment  
Status Date: 01/18/2006

Global Id: T0609755725  
Status: Open - Site Assessment  
Status Date: 12/14/2006

Global Id: T0609755725  
Status: Open - Site Assessment  
Status Date: 05/16/2007

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**STEEL BEAR DELI (Continued)**

**S106463220**

Global Id: T0609755725  
Status: Open - Site Assessment  
Status Date: 06/02/2008

Global Id: T0609755725  
Status: Open - Verification Monitoring  
Status Date: 10/19/2015

Regulatory Activities:

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 06/20/2005  
Action: Staff Letter

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 12/13/2005  
Action: File review

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 08/02/2011  
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 03/24/2011  
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 11/13/2004  
Action: Preliminary Site Assessment Report

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 08/20/2005  
Action: Soil and Water Investigation Workplan

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 10/20/2006  
Action: Soil and Water Investigation Report

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 02/05/2015  
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 06/15/2016  
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 06/22/2016

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STEEL BEAR DELI (Continued)**

**S106463220**

Action:	Site Investigation Workplan - Regulator Responded
Global Id:	T0609755725
Action Type:	RESPONSE
Date:	04/26/2007
Action:	Soil and Water Investigation Workplan
Global Id:	T0609755725
Action Type:	RESPONSE
Date:	09/25/2007
Action:	Other Workplan
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	07/17/2008
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	02/26/2013
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	Other
Date:	03/24/2004
Action:	Leak Discovery
Global Id:	T0609755725
Action Type:	RESPONSE
Date:	02/04/2008
Action:	Soil and Water Investigation Report
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	09/13/2004
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	05/10/2011
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	01/14/2014
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	05/10/2016
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	RESPONSE
Date:	06/05/2015
Action:	Final Remedial Action Report / Corrective Action Report



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STEEL BEAR DELI (Continued)**

**S106463220**

Global Id:	T0609755725
Action Type:	Other
Date:	04/13/2004
Action:	Leak Reported
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	08/02/2011
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	RESPONSE
Date:	02/04/2013
Action:	CAP/RAP - Other Report
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	06/29/2016
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	RESPONSE
Date:	02/09/2009
Action:	Soil and Water Investigation Report
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	02/26/2007
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	02/21/2006
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	04/10/2012
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	REMEDIATION
Date:	12/01/2011
Action:	Other (Use Description Field)
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	04/16/2004
Action:	Notification - Proposition 65
Global Id:	T0609755725
Action Type:	ENFORCEMENT
Date:	05/06/2004
Action:	Staff Letter
Global Id:	T0609755725
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STEEL BEAR DELI (Continued)**

**S106463220**

Date: 12/04/2007  
Action: Staff Letter

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 06/25/2011  
Action: Pilot Study / Treatability Workplan

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 09/01/2013  
Action: CAP/RAP - Other Report

Global Id: T0609755725  
Action Type: Other  
Date: 03/24/2004  
Action: Leak Stopped

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 11/05/2008  
Action: Staff Letter

Global Id: T0609755725  
Action Type: REMEDIATION  
Date: 03/17/2015  
Action: Dual Phase Extraction

Global Id: T0609755725  
Action Type: REMEDIATION  
Date: 06/04/2013  
Action: Dual Phase Extraction

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 12/04/2012  
Action: Staff Letter

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 06/10/2012  
Action: Pilot Study/ Treatability Report

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 09/17/2008  
Action: Soil and Water Investigation Workplan

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 06/15/2010  
Action: Staff Letter

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 05/15/2006  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STEEL BEAR DELI (Continued)**

**S106463220**

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 07/25/2007  
Action: Staff Letter

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 05/06/2004  
Action: Notice of Responsibility

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 05/02/2012  
Action: Staff Letter

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 07/31/2009  
Action: Staff Letter

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 03/08/2011  
Action: Staff Letter

Global Id: T0609755725  
Action Type: ENFORCEMENT  
Date: 03/05/2015  
Action: Staff Letter

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 07/06/2004  
Action: Preliminary Site Assessment Workplan

Global Id: T0609755725  
Action Type: RESPONSE  
Date: 03/21/2006  
Action: Other Workplan

**SONOMA CO. LUST:**

Region: SONOMA  
Regional Board: 49-0323  
Closed or Referred: Not reported  
Confirm Date: Not reported  
LOP Number: 00005752  
Staff: DB  
Decode of Staff: Darcy Bering  
Global ID: T0609755725

**NOTIFY 65:**

Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STEEL BEAR DELI (Continued)**

**S106463220**

Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Not reported

**I47**  
**SE**  
**1/2-1**  
**0.908 mi.**  
**4794 ft.**

**3M OPTICS TECH CENTER**  
**1331 COMMERCE ST**  
**PETALUMA, CA 94952**  
**Site 1 of 2 in cluster I**

**ENVIROSTOR** **S118757556**  
**N/A**

**Relative:**  
**Lower**

ENVIROSTOR:

Facility ID: 80001855  
Status: No Action Required  
Status Date: 03/03/2011  
Site Code: Not reported  
Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 3  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: WM  
Program Manager: Tom Lanphar  
Supervisor: Denise Tsuji  
Division Branch: Cleanup Berkeley  
Assembly: 10  
Senate: 03  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 38.25593  
Longitude: -122.6414  
APN: 007-391-031  
Past Use: NONE  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: No Contaminants found  
Potential Description: NMA  
Alias Name: 007-391-031  
Alias Type: APN  
Alias Name: CAT080033368  
Alias Type: EPA Identification Number  
Alias Name: 110018999333  
Alias Type: EPA (FRS #)  
Alias Name: 80001855  
Alias Type: Envirostor ID Number

**Actual:**  
**30 ft.**

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 12/09/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 08/13/1991  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICS TECH CENTER (Continued)**

**S118757556**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/02/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/03/2011  
Comments: An evaluation of 3M Optics Tech Center was conducted to determine if any action is required. Conclusion is that No Action is Required at the closed and no longer operating facility.

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**I48  
SE  
1/2-1  
0.908 mi.  
4794 ft.**

**3M OPTICAL SYSTEMS-PETALUMA  
1331 COMMERCE STREET  
PETALUMA, CA 94954**

**Site 2 of 2 in cluster I**

**SEMS-ARCHIVE 1000246749  
CORRACTS CAT080033368  
RCRA-TSDF  
RCRA-LQG  
HIST UST  
HWP  
WDS**

**Relative:  
Lower**

**Actual:  
30 ft.**

SEMS-ARCHIVE:  
Site ID: 903408  
EPA ID: CAT080033368  
Federal Facility: N  
NPL: Not on the NPL  
Non NPL Status: Deferred to RCRA

**Following information was gathered from the prior CERCLIS update completed in 10/2013:**

Site ID: 0903408  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: Deferred to RCRA

**CERCLIS-NFRAP Site Contact Details:**

Contact Sequence ID: 13287183.00000  
Person ID: 13003854.00000

Contact Sequence ID: 13292778.00000  
Person ID: 13003858.00000

Contact Sequence ID: 13298636.00000  
Person ID: 13004003.00000

Program Priority:  
Description: RCRA Deferral Audit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

Description: RCRA Deferral - Lead Confirmed

Description: RCRA Deferral - Further Superfund Assessment

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: / /  
Date Completed: 03/01/91  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 08/07/91  
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE  
Date Started: / /  
Date Completed: 01/23/96  
Priority Level: Not reported

CORRACTS:

EPA ID: CAT080033368  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19921209  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
NAICS Code(s): 326113 326199  
Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing  
All Other Plastics Product Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAT080033368  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19910813  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
NAICS Code(s): 326113 326199  
Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing  
All Other Plastics Product Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 09/13/2010  
Facility name: 3M OPTICAL SYSTEMS-PETALUMA  
Facility address: 1331 COMMERCE STREET  
PETALUMA, CA 94954  
EPA ID: CAT080033368  
Mailing address: COMMERCE STREET  
PETALUMA, CA 94954  
Contact: JAMES J LANGER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

Contact address: INNOVATION RD, GLDG 145-2  
COTTAGE GROVE, MN 550164600

Contact country: US

Contact telephone: (651) 458-2032

Contact email: JLANGER1@MMM.COM

EPA Region: 09

Land type: Private

Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: 3M COMPANY

Owner/operator address: Not reported  
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 05/05/1983

Owner/Op end date: Not reported

Owner/operator name: MERILL LYNCH HUBBARD INC

Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: (415) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: 3M COMPANY

Owner/operator address: 1331 COMMERCE STREET  
PETALUMA, CA 94954

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 05/05/1983

Owner/Op end date: Not reported

Owner/operator name: OPTICAL SCIENCES GROUP INC

Owner/operator address: 24 TIBURON ST

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

SAN RAFAEL, CA 94901  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 453-8980  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D002  
. Waste name: CORROSIVE WASTE

. Waste code: D005  
. Waste name: BARIUM

. Waste code: D006  
. Waste name: CADMIUM

. Waste code: D007  
. Waste name: CHROMIUM

. Waste code: D008  
. Waste name: LEAD

. Waste code: D009  
. Waste name: MERCURY

. Waste code: D035  
. Waste name: METHYL ETHYL KETONE

. Waste code: F002  
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND



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MAP FINDINGS

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**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U002  
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U056  
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U112  
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U159  
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U238  
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

Historical Generators:

Date form received by agency: 02/26/2008

Site name: 3M OPTICAL SYSTEMS-PETALUMA

Classification: Large Quantity Generator

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D002  
. Waste name: CORROSIVE WASTE

. Waste code: D005  
. Waste name: BARIUM

. Waste code: D006  
. Waste name: CADMIUM

. Waste code: D007

Map ID  
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EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

- . Waste name: CHROMIUM
  - . Waste code: D008
  - . Waste name: LEAD
  - . Waste code: D009
  - . Waste name: MERCURY
  - . Waste code: D011
  - . Waste name: SILVER
  - . Waste code: D035
  - . Waste name: METHYL ETHYL KETONE
  - . Waste code: F002
  - . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  - . Waste code: F003
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  - . Waste code: F005
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 03/01/2006  
Site name: 3M OPTICAL SYSTEMS - PETALUMA  
Classification: Large Quantity Generator
- . Waste code: D001
  - . Waste name: IGNITABLE WASTE
  - . Waste code: D002
  - . Waste name: CORROSIVE WASTE
  - . Waste code: D005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

- . Waste name: BARIUM
  - . Waste code: D006
  - . Waste name: CADMIUM
  - . Waste code: D007
  - . Waste name: CHROMIUM
  - . Waste code: D008
  - . Waste name: LEAD
  - . Waste code: D009
  - . Waste name: MERCURY
  - . Waste code: D011
  - . Waste name: SILVER
  - . Waste code: D035
  - . Waste name: METHYL ETHYL KETONE
  - . Waste code: F002
  - . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  - . Waste code: F003
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  - . Waste code: F005
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 02/27/2004  
Site name: 3M OPTICAL SYSTEMS - PETALUMA  
Classification: Large Quantity Generator
- . Waste code: D001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D005
- . Waste name: BARIUM
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

Date form received by agency: 02/14/2001

Site name: 3M PETALUMA

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D005

. Waste name: BARIUM

. Waste code: D006

. Waste name: CADMIUM

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D008

. Waste name: LEAD

. Waste code: D009

. Waste name: MERCURY

. Waste code: D011

. Waste name: SILVER

. Waste code: D035

. Waste name: METHYL ETHYL KETONE

. Waste code: F002

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/12/2000  
Site name: 3M PETALUMA  
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999  
Site name: 3M PETALUMA  
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996  
Site name: 3M PETALUMA  
Classification: Large Quantity Generator

Date form received by agency: 03/24/1994  
Site name: 3M PETALUMA  
Classification: Large Quantity Generator

Date form received by agency: 12/29/1992  
Site name: OPTICAL SCIENCES GROUP INC  
Classification: Not a generator, verified

Date form received by agency: 03/29/1990  
Site name: 3M PETALUMA  
Classification: Small Quantity Generator

Date form received by agency: 01/31/1984  
Site name: OPTICAL SCIENCES GROUP INC  
Classification: Large Quantity Generator

**Corrective Action Summary:**

Event date: 08/13/1991  
Event: CA029ST

Event date: 08/13/1991  
Event: CA049PA

Event date: 08/13/1991  
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 12/09/1992  
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 12/09/1992  
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 11/15/1988  
Date achieved compliance: 04/13/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/13/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 05/19/1987  
Date achieved compliance: 05/31/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/15/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 01/21/1986  
Date achieved compliance: 05/31/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/15/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 04/07/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/15/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 04/13/1989  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

Evaluation date: 11/02/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/03/1987  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/19/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 05/31/1988  
Evaluation lead agency: State

Evaluation date: 01/21/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 05/31/1988  
Evaluation lead agency: State

**HIST UST:**

File Number: 0002198C  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002198C.pdf>  
Region: STATE  
Facility ID: 00000001867  
Facility Type: Other  
Other Type: Not reported  
Contact Name: KEN LITTLE  
Telephone: 7077786741  
Owner Name: 3M  
Owner Address: 3M CENTER  
Owner City,St,Zip: ST. PAUL, MN 55144  
Total Tanks: 0001

Tank Num: 001  
Container Num: 1  
Year Installed: 1982  
Tank Capacity: 00000450  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Click here for Geo Tracker PDF:

**HWP:**

EPA Id: CAT080033368  
Cleanup Status: CLOSED  
Latitude: 38.25623  
Longitude: -122.6415  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 10  
Senate District: 03  
Public Information Officer: Not reported  
Public Information Officer: Not reported

Activities:

EPA Id: CAT080033368  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED  
Actual Date: 08/29/1989

EPA Id: CAT080033368  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)  
Actual Date: 07/20/1988

EPA Id: CAT080033368  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)  
Actual Date: 07/20/1983

EPA Id: CAT080033368  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - FINAL PERMIT  
Actual Date: 07/20/1983

Closure:

EPA Id: CAT080033368  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1  
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION  
Actual Date: 12/11/1989

EPA Id: CAT080033368  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1  
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION  
Actual Date: 12/22/1989

Alias:

EPA Id: CAT080033368  
Facility Type: Historical - Non-Operating  
Alias Type: FRS  
Alias: 110018999333

WDS:

Facility ID: San Francisco Bay 49I002602  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**3M OPTICAL SYSTEMS-PETALUMA (Continued)**

**1000246749**

processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 2

Facility Telephone: 7077653240

Facility Contact: POOK JIM

Agency Name: 3M CO

Agency Address: PO Box 33331

Agency City,St,Zip: Saint Paul 551333331

Agency Contact: HUNTZICKER KARL J

Agency Telephone: 6517785454

Agency Type: Private

SIC Code: 0

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**49  
 NW  
 1/2-1  
 0.941 mi.  
 4967 ft.**

**PETALUMA TIRE & BRAKE  
 5320 OLD REDWOOD HWY  
 PETALUMA, CA 94952**

**ENVIROSTOR S108201602  
 N/A**

**Relative:  
 Higher**

ENVIROSTOR:  
 Facility ID: 49750005  
 Status: Refer: Other Agency  
 Status Date: 05/13/1988  
 Site Code: Not reported  
 Site Type: Historical  
 Site Type Detailed: \* Historical  
 Acres: Not reported  
 NPL: NO

**Actual:  
 38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETALUMA TIRE & BRAKE (Continued)**

**S108201602**

Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Berkeley  
Assembly: 10  
Senate: 03  
Special Program: \* Rural County Survey Program  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 38.27666  
Longitude: -122.6684  
APN: 137-011-008  
Past Use: NONE SPECIFIED  
Potential COC: \* UNSPECIFIED OIL CONTAINING WASTE \* WASTE OIL & MIXED OIL \*  
UNSPECIFIED ORGANIC LIQUID MIXTURE  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 137-011-008  
Alias Type: APN  
Alias Name: 49750005  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 02/19/1988  
Comments: FACILITY IDENTIFIED SONOMA CNTY EH - DUMPING OF OIL, RADIATOR FLUID,  
IN BACK FIELD.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 05/13/1988  
Comments: SITE SCREENING DONE POSS ONSITE CONTAM

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PETALUMA	S114585834	BOSTROM PROPERTY	745 MCDOWELL BLVD N		RGA LUST
PETALUMA	S114646438	MACHADO PROPERTY	504 MCDOWELL BLVD S		RGA LUST

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

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

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	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: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/16/2017
	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	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: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	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: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	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: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	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: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	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: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	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: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	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: 09/29/2016  
Next Scheduled EDR Contact: 01/09/2017  
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: 08/01/2016  
Date Data Arrived at EDR: 08/02/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/01/2016  
Next Scheduled EDR Contact: 02/13/2017  
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: 08/01/2016  
Date Data Arrived at EDR: 08/02/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/01/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 08/15/2016  
Date Data Arrived at EDR: 08/16/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 50

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 11/15/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Quarterly

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: see region list
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2016
	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 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 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 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 R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015  
Date Data Arrived at EDR: 02/12/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 112

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
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: 10/13/2015  
Date Data Arrived at EDR: 10/23/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 118

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	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: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	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: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

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

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2016
	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: 10/11/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Varies

### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 09/14/2016  
Next Scheduled EDR Contact: 12/26/2016  
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: 11/21/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

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

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

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

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

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

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

### 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

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/01/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/02/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/13/2017
	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: 02/29/2016  
Date Data Arrived at EDR: 03/07/2016  
Date Made Active in Reports: 05/04/2016  
Number of Days to Update: 58

Source: State Water Resources Control Board  
Telephone: 916-323-7905  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
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: 09/20/2016  
Date Data Arrived at EDR: 09/21/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 51

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 09/21/2016  
Next Scheduled EDR Contact: 01/02/2017  
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: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: No Update Planned

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

A listing of recycling facilities in California.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/14/2016  
Next Scheduled EDR Contact: 12/26/2016  
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: 08/25/2016  
Date Data Arrived at EDR: 08/26/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 49

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

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

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

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

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

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
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: 11/04/2016  
Next Scheduled EDR Contact: 02/13/2017  
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: 08/31/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 17

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/31/2016  
Next Scheduled EDR Contact: 10/10/2016  
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: 08/01/2016  
Date Data Arrived at EDR: 08/02/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/01/2016  
Next Scheduled EDR Contact: 02/13/2017  
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: 12/31/2015  
Date Data Arrived at EDR: 05/10/2016  
Date Made Active in Reports: 06/17/2016  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 01/23/2017  
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: 08/30/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 17

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/29/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Quarterly

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

### SWEEPS UST: SWEEPS UST Listing

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

# 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: 09/22/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 10/20/2016  
Number of Days to Update: 23

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Annually

## HIST UST: Hazardous Substance Storage Container Database

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

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

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

## CA FID UST: Facility Inventory Database

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

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

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

## **Local Land Records**

### LIENS: Environmental Liens Listing

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

Date of Government Version: 08/25/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
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: 09/06/2016	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/07/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/06/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### **HMIRS: Hazardous Materials Information Reporting System**

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

Date of Government Version: 06/27/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 09/27/2016
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/09/2017
	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: 06/03/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2016	Telephone: 916-845-8400
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 10/26/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

### **LDS: Land Disposal Sites Listing**

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

Date of Government Version: 09/12/2016	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Quarterly

### **MCS: Military Cleanup Sites Listing**

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

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2016
	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: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	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: 12/08/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	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: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	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: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 11/17/2016  
Next Scheduled EDR Contact: 11/28/2016  
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: 07/12/2016  
Date Data Arrived at EDR: 08/17/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 65

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 11/08/2016  
Next Scheduled EDR Contact: 02/20/2017  
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: 11/11/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

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

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

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/23/2016  
Next Scheduled EDR Contact: 01/02/2017  
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: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

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

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

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

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

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## RMP: Risk Management Plans

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

Date of Government Version: 08/01/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 81

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 11/18/2016  
Next Scheduled EDR Contact: 02/06/2017  
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: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2016	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: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/23/2017
	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: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	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: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	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: 11/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/20/2017
	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: 12/06/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

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

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

Date of Government Version: 07/01/2014	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: 12/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	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: 10/28/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

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

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/16/2017
	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: 11/02/2016  
Next Scheduled EDR Contact: 02/13/2017  
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: 03/31/2016  
Date Data Arrived at EDR: 08/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
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: 11/23/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 10/14/2016  
Next Scheduled EDR Contact: 01/23/2017  
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: 07/21/2016  
Date Data Arrived at EDR: 07/26/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 59

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 11/08/2016  
Next Scheduled EDR Contact: 02/20/2017  
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: 09/09/2016  
Next Scheduled EDR Contact: 12/05/2016  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016  
Date Data Arrived at EDR: 04/07/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 148

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 10/20/2016  
Next Scheduled EDR Contact: 01/16/2017  
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: 06/30/2016  
Date Data Arrived at EDR: 07/25/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 88

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016  
Date Data Arrived at EDR: 07/25/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 88

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
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: 08/05/2016  
Date Data Arrived at EDR: 09/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/01/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Semi-Annually

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

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

# 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: 12/12/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/15/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 65

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Quarterly

## 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: 12/05/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016  
Date Data Arrived at EDR: 06/03/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 91

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 09/27/2016  
Next Scheduled EDR Contact: 01/09/2017  
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: 06/02/2016  
Date Data Arrived at EDR: 07/12/2016  
Date Made Active in Reports: 08/18/2016  
Number of Days to Update: 37

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 09/23/2016  
Date Made Active in Reports: 10/24/2016  
Number of Days to Update: 31

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 09/23/2016  
Next Scheduled EDR Contact: 01/02/2017  
Data Release Frequency: Varies

## ENF: Enforcement Action Listing

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

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/24/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 42

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016  
Date Data Arrived at EDR: 04/29/2016  
Date Made Active in Reports: 06/21/2016  
Number of Days to Update: 53

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 11/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
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: 08/10/2016  
Date Data Arrived at EDR: 08/15/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 51

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Varies

## HAZNET: Facility and Manifest Data

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 10/14/2015  
Date Made Active in Reports: 12/11/2015  
Number of Days to Update: 58

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 10/12/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Annually

## HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/23/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 43

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 07/11/2016  
Date Data Arrived at EDR: 07/13/2016  
Date Made Active in Reports: 08/18/2016  
Number of Days to Update: 36

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 10/12/2016  
Next Scheduled EDR Contact: 01/23/2017  
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  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-322-1080  
Last EDR Contact: 09/14/2016  
Next Scheduled EDR Contact: 12/26/2016  
Data Release Frequency: Varies

## MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 09/06/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 37

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2016  
Date Data Arrived at EDR: 05/18/2016  
Date Made Active in Reports: 06/23/2016  
Number of Days to Update: 36

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 11/15/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

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

Date of Government Version: 09/06/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 37

Source: Department of Pesticide Regulation  
Telephone: 916-445-4038  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/14/2016  
Next Scheduled EDR Contact: 12/26/2016  
Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 09/10/2015  
Date Data Arrived at EDR: 01/05/2016  
Date Made Active in Reports: 02/12/2016  
Number of Days to Update: 38

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 09/19/2016  
Next Scheduled EDR Contact: 01/02/2017  
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: 07/06/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 09/14/2016  
Next Scheduled EDR Contact: 12/26/2016  
Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

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

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

Source: RWQCB, Central Valley Region  
Telephone: 559-445-5577  
Last EDR Contact: 10/14/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## WIP: Well Investigation Program Case List

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

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

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 09/23/2016  
Next Scheduled EDR Contact: 01/09/2017  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/23/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 59

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## ICE: ICE

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

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/23/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 43

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/18/2016  
Date Data Arrived at EDR: 09/20/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 09/20/2016  
Next Scheduled EDR Contact: 01/02/2017  
Data Release Frequency: Quarterly

## ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 81

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

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

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

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

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

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

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/14/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 35

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/07/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2016  
Date Data Arrived at EDR: 07/12/2016  
Date Made Active in Reports: 08/08/2016  
Number of Days to Update: 27

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/07/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 23

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: No Update Planned

### CALVERAS COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility Listing

### Cupa Facility Listing

Date of Government Version: 10/25/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA Facility List

#### Cupa facility list.

Date of Government Version: 09/02/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
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: 08/22/2016  
Date Data Arrived at EDR: 08/24/2016  
Date Made Active in Reports: 10/10/2016  
Number of Days to Update: 47

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

### CUPA Facility List

#### Cupa Facility list

Date of Government Version: 11/01/2016  
Date Data Arrived at EDR: 11/03/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA Facility List

#### CUPA facility list.

Date of Government Version: 05/24/2016  
Date Data Arrived at EDR: 05/26/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## FRESNO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/11/2016  
Date Data Arrived at EDR: 10/14/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 35

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 09/29/2016  
Next Scheduled EDR Contact: 01/16/2017  
Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## IMPERIAL COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013  
Date Data Arrived at EDR: 09/11/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 33

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/04/2016  
Date Data Arrived at EDR: 08/08/2016  
Date Made Active in Reports: 10/18/2016  
Number of Days to Update: 71

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

## KINGS COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/25/2016  
Date Data Arrived at EDR: 05/27/2016  
Date Made Active in Reports: 06/22/2016  
Number of Days to Update: 26

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016  
Date Data Arrived at EDR: 09/09/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 35

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 10/17/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 09/19/2016  
Next Scheduled EDR Contact: 01/02/2017  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/05/2016  
Date Data Arrived at EDR: 07/12/2016  
Date Made Active in Reports: 08/18/2016  
Number of Days to Update: 37

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/15/2016  
Date Data Arrived at EDR: 07/19/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 78

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 10/18/2016  
Next Scheduled EDR Contact: 01/30/2017  
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: 10/17/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016	Source: Community Health Services
Date Data Arrived at EDR: 04/06/2016	Telephone: 323-890-7806
Date Made Active in Reports: 06/13/2016	Last EDR Contact: 10/17/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 10/17/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2017
	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: 11/04/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 11/13/2015	Telephone: 562-570-2563
Date Made Active in Reports: 12/17/2015	Last EDR Contact: 10/24/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/12/2016	Telephone: 310-618-2973
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 10/07/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/23/2017
	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: 08/18/2016	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/22/2016	Telephone: 559-675-7823
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/16/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 04/26/2016	Telephone: 415-499-6647
Date Made Active in Reports: 06/01/2016	Last EDR Contact: 09/29/2016
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Semi-Annually

## MERCED COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

CUPA facility list.

Date of Government Version: 08/17/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 32

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## MONO COUNTY:

### CUPA Facility List

CUPA Facility List

Date of Government Version: 08/29/2016  
Date Data Arrived at EDR: 08/31/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 44

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016  
Date Data Arrived at EDR: 06/27/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 43

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## NAPA COUNTY:

### Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011  
Date Data Arrived at EDR: 12/06/2011  
Date Made Active in Reports: 02/07/2012  
Number of Days to Update: 63

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/25/2016  
Date Data Arrived at EDR: 08/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 53

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2016  
Date Data Arrived at EDR: 08/15/2016  
Date Made Active in Reports: 10/05/2016  
Number of Days to Update: 51

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2016  
Date Data Arrived at EDR: 08/15/2016  
Date Made Active in Reports: 10/07/2016  
Number of Days to Update: 53

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2016  
Date Data Arrived at EDR: 08/09/2016  
Date Made Active in Reports: 10/11/2016  
Number of Days to Update: 33

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/08/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/13/2016  
Date Data Arrived at EDR: 07/18/2016  
Date Made Active in Reports: 10/07/2016  
Number of Days to Update: 81

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/19/2016  
Next Scheduled EDR Contact: 01/02/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/13/2016	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/18/2016	Telephone: 951-358-5055
Date Made Active in Reports: 08/08/2016	Last EDR Contact: 09/19/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/02/2017
	Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/04/2016	Telephone: 916-875-8406
Date Made Active in Reports: 11/18/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/16/2017
	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: 05/02/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/06/2016	Telephone: 916-875-8406
Date Made Active in Reports: 08/18/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/06/2016	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 09/07/2016	Telephone: 909-387-3041
Date Made Active in Reports: 10/19/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/20/2017
	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: 09/23/2013	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 09/24/2013	Telephone: 619-338-2268
Date Made Active in Reports: 10/17/2013	Last EDR Contact: 12/06/2016
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/20/2017
	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: 12/02/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### Local 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: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010  
Date Data Arrived at EDR: 03/10/2011  
Date Made Active in Reports: 03/15/2011  
Number of Days to Update: 5

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/20/2017  
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: 09/21/2016  
Date Data Arrived at EDR: 09/22/2016  
Date Made Active in Reports: 10/18/2016  
Number of Days to Update: 26

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 09/19/2016  
Next Scheduled EDR Contact: 01/02/2017  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/18/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 43

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

# 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: 06/02/2016  
Date Data Arrived at EDR: 06/07/2016  
Date Made Active in Reports: 06/22/2016  
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 43

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/03/2016  
Date Data Arrived at EDR: 08/08/2016  
Date Made Active in Reports: 10/07/2016  
Number of Days to Update: 60

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/17/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 33

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/15/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 29

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 57

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2016  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 10/18/2016  
Number of Days to Update: 19

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Cupa Facility List

Cupa Facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2016  
Date Data Arrived at EDR: 09/28/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
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: 07/01/2016  
Date Data Arrived at EDR: 07/05/2016  
Date Made Active in Reports: 08/18/2016  
Number of Days to Update: 44

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 09/26/2016  
Next Scheduled EDR Contact: 01/09/2017  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/05/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 12/02/2016  
Number of Days to Update: 87

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Semi-Annually

## TUOLUMNE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 08/12/2016  
Date Data Arrived at EDR: 08/16/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 49

Source: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## VENTURA COUNTY:

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/28/2016  
Date Data Arrived at EDR: 08/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 53

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 10/24/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 09/29/2016  
Next Scheduled EDR Contact: 01/16/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Quarterly

## Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/28/2016	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 08/01/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/07/2016	Last EDR Contact: 10/24/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

## Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2016	Source: Environmental Health Division
Date Data Arrived at EDR: 09/14/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 09/14/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/24/2016	Telephone: 530-666-8646
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 11/14/2016
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/03/2016	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/05/2016	Telephone: 530-749-7523
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 10/31/2016
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/13/2017
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: No Update Planned

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 08/31/2016  
Date Made Active in Reports: 12/12/2016  
Number of Days to Update: 103

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/12/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016  
Date Data Arrived at EDR: 08/03/2016  
Date Made Active in Reports: 09/09/2016  
Number of Days to Update: 37

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/02/2016  
Next Scheduled EDR Contact: 02/13/2017  
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: 10/14/2016  
Next Scheduled EDR Contact: 01/30/2017  
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: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 04/14/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 50

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

COMMERCIAL PROPERTY  
890 NORTH MCDOWELL BOULEVARD  
PETALUMA, CA 94954

### TARGET PROPERTY COORDINATES

Latitude (North):	38.266305 - 38° 15' 58.70"
Longitude (West):	122.655116 - 122° 39' 18.42"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	530170.9
UTM Y (Meters):	4235212.5
Elevation:	32 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5602420 COTATI, CA
Version Date:	2012

South Map:	5602158 PETALUMA, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

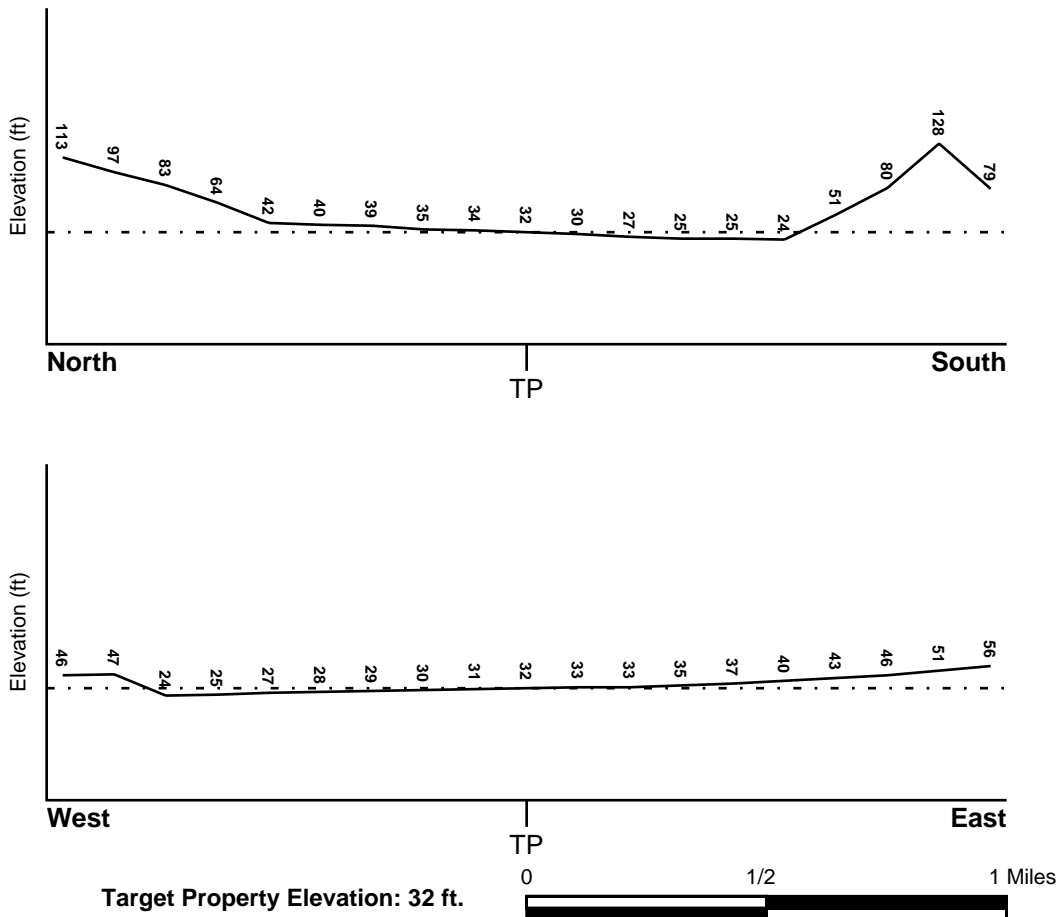
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06097C0894F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06097C0893F	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
COTATI	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>
2	0 - 1/8 Mile WNW	SE
B4	1/8 - 1/4 Mile SW	S
B5	1/8 - 1/4 Mile SW	S
B6	1/8 - 1/4 Mile SW	S
7	1/2 - 1 Mile WNW	Not Reported
8	1/2 - 1 Mile SSW	NE
C9	1/2 - 1 Mile NW	Not Reported
C10	1/2 - 1 Mile NW	SW

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
D12	1/2 - 1 Mile WNW	SW
14	1/2 - 1 Mile WSW	Not Reported
15	1/2 - 1 Mile NW	Not Reported
17	1/2 - 1 Mile NNE	N
E18	1/2 - 1 Mile WNW	SE
E19	1/2 - 1 Mile WNW	SSW
E20	1/2 - 1 Mile WNW	E
E21	1/2 - 1 Mile WNW	Not Reported
F22	1/2 - 1 Mile WNW	WSW
F23	1/2 - 1 Mile WNW	WSW
G26	1/2 - 1 Mile NW	S
G27	1/2 - 1 Mile NW	S
28	1/2 - 1 Mile NW	NW

For additional site information, refer to Physical Setting Source Map Findings.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

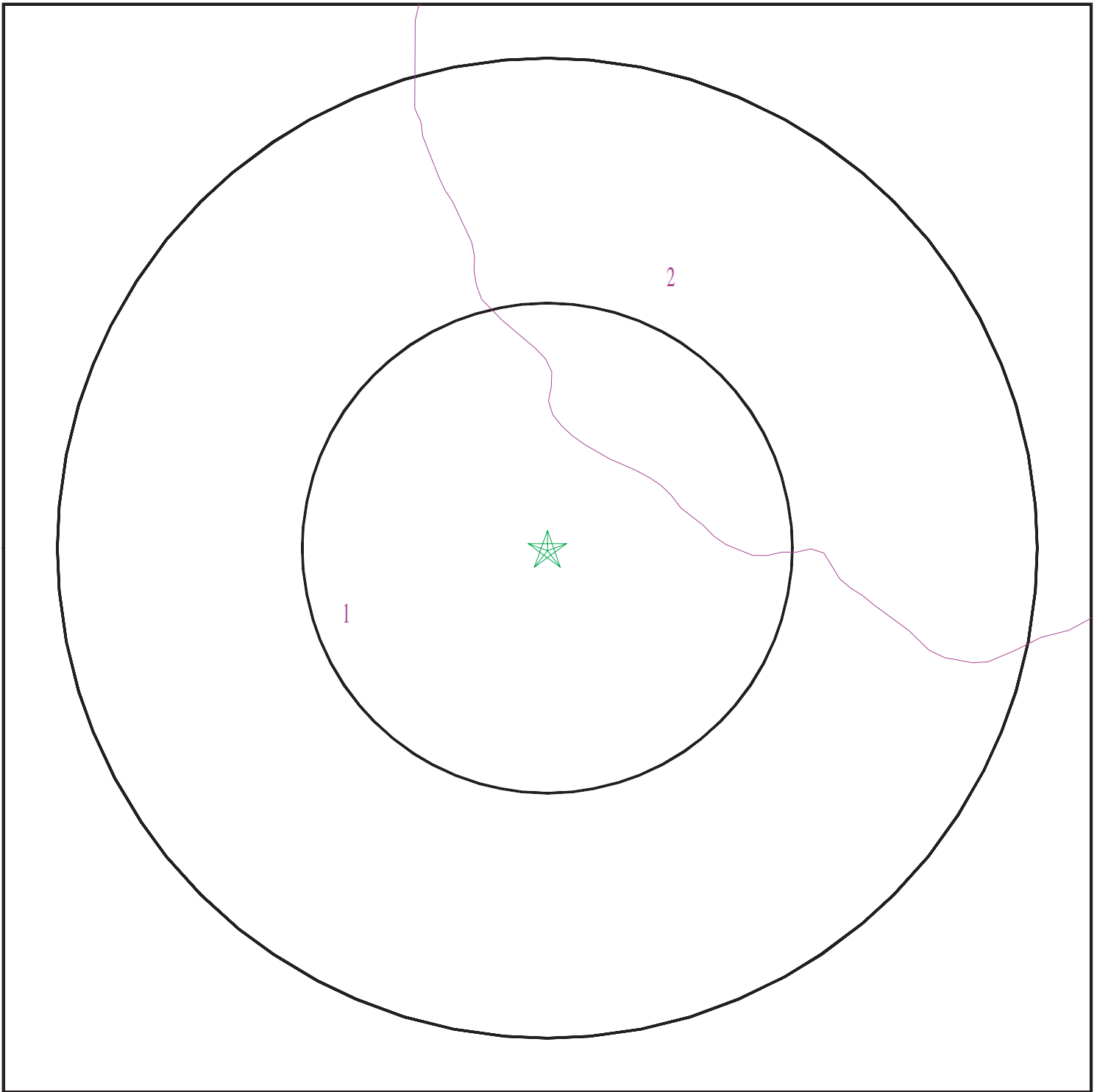
Era: Cenozoic  
System: Tertiary  
Series: Pliocene  
Code: Tp (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 4805271.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Commercial Property  
ADDRESS: 890 North McDowell Boulevard  
Petaluma CA 94954  
LAT/LONG: 38.266305 / 122.655116

CLIENT: Pinnacle Environmental Inc.  
CONTACT: Peter Cloven  
INQUIRY #: 4805271.2s  
DATE: December 14, 2016 1:48 am



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.6
2	38 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

#### Soil Map ID: 2

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.6
2	38 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000187579	0 - 1/8 Mile NE

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

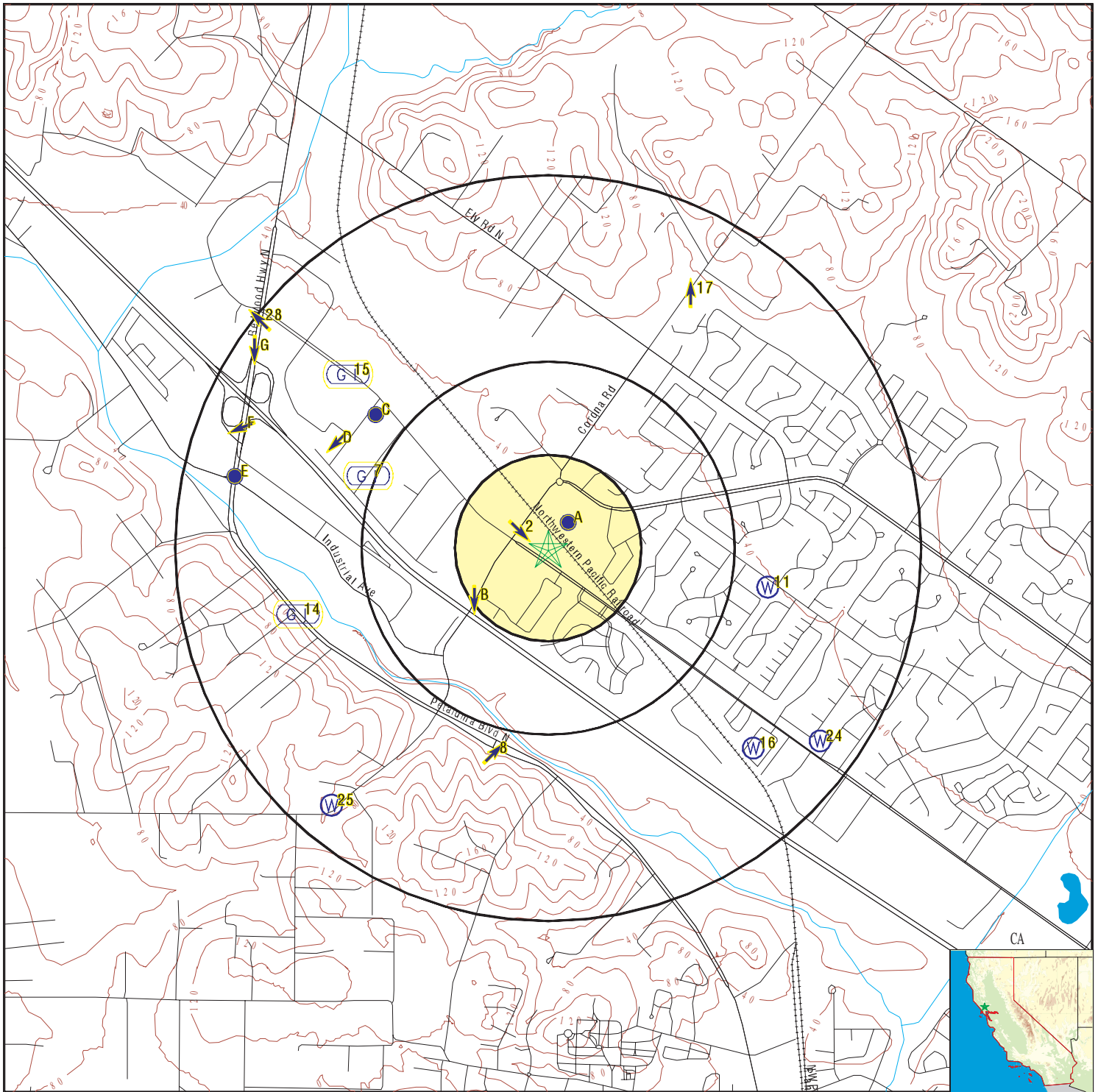
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CADW60000009616	0 - 1/8 Mile NE
11	CADW60000010499	1/2 - 1 Mile East
D13	5593	1/2 - 1 Mile WNW
16	5596	1/2 - 1 Mile SE
24	5597	1/2 - 1 Mile SE
25	5595	1/2 - 1 Mile SW

# PHYSICAL SETTING SOURCE MAP - 4805271.2s



- 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



<p><b>SITE NAME:</b> Commercial Property  <b>ADDRESS:</b> 890 North McDowell Boulevard                  Petaluma CA 94954  <b>LAT/LONG:</b> 38.266305 / 122.655116</p>	<p><b>CLIENT:</b> Pinnacle Environmental Inc.  <b>CONTACT:</b> Peter Cloven  <b>INQUIRY #:</b> 4805271.2s  <b>DATE:</b> December 14, 2016 1:47 am</p>
--	---

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**NE**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CADW60000009616**

Objectid:            9616  
 Latitude:            38.2672  
 Longitude:          -122.6541  
 Site code:           382672N1226541W001  
 State well numbe:   05N07W20B002M  
 Local well name:    "  
 Well use id:          6  
 Well use descrip:    Unknown  
 County id:           49  
 County name:        Sonoma  
 Basin code:          '2-1'  
 Basin desc:          Petaluma Valley  
 Dwr region id:      80236  
 Dwr region:         North Central Region Office  
 Site id:              CADW60000009616

**2**  
**WNW**  
**0 - 1/8 Mile**  
**Higher**

Site ID:              Not Reported  
 Groundwater Flow:   SE  
 Shallow Water Depth: Not Reported  
 Deep Water Depth:   Not Reported  
 Average Water Depth: Not Reported  
 Date:                 04/15/1999

**AQUIFLOW      54628**

**A3**  
**NE**  
**0 - 1/8 Mile**  
**Higher**

**FED USGS      USGS40000187579**

Org. Identifier:        USGS-CA  
 Formal name:         USGS California Water Science Center  
 Monloc Identifier:     USGS-381603122391101  
 Monloc name:         005N007W20B002M  
 Monloc type:          Well  
 Monloc desc:          Not Reported  
 Huc code:             18010110  
 Drainagearea Units:   Not Reported  
 Contrib drainagearea units: Not Reported  
 Longitude:            -122.654153  
 Horiz Acc measure:   1  
 Horiz Collection method: Interpolated from map  
 Horiz coord refsys:   NAD83  
 Vert measure units:   feet  
 Vert accmeasure units: feet  
 Vertcollection method: Interpolated from topographic map  
 Vert coord refsys:    NGVD29  
 Aquifername:         California Coastal Basin aquifers  
 Formation type:       Not Reported

Drainagearea value:   Not Reported  
 Contrib drainagearea: Not Reported  
 Latitude:              38.2674162  
 Sourcemap scale:     24000  
 Horiz Acc measure units: seconds  
 Vert measure val:     41  
 Vertacc measure val:   10  
 Countrycode:          US

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	158
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 168

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1983-10-25	40.6		1983-04-07	32.3	
1982-10-18	42.6		1982-03-12	35.5	
1981-10-10	44.2		1981-03-17	37.1	
1980-10-10	49.8		1980-03-21	37.1	
1979-10-05	58.0		1979-04-30	40.6	
1978-09-27					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1978-08-31	53.4		1978-07-26	58.8	
1978-06-27	56.1		1978-05-31	54.2	
1978-04-26	41.8		1978-03-30	40.9	
1978-02-23	40.6		1978-01-26	41.9	
1977-12-20	45.3		1977-11-29	47.7	
1977-10-26	55.5		1977-09-29	56.2	
1977-08-24	61.2		1977-07-28	67.2	
1977-06-28	60.6		1977-05-25	54.0	
1977-04-26	53.6		1977-03-30	49.6	
1977-03-14	52.3		1976-10-07	64.4	
1976-03-15	46.9		1975-10-17	61.5	
1975-03-12	45.6		1974-10-04	68.7	
1974-03-07	55.1		1973-10-09	78.8	
1973-03-20	58.6		1972-10-12	74.7	
1972-03-09	44.5		1971-10-06	55.4	
1971-03-09	45.8		1970-10-09	59.8	
1970-03-25	43.9		1969-06-16	53.7	
1969-05-12	48.0		1969-04-15	45.5	
1969-03-21	48.2		1969-02-21	48.0	
1969-01-16	50.0		1968-12-12	51.5	
1968-11-19	54.5		1968-10-14	62.6	
1968-09-19	68.8		1968-05-13	61.3	
1968-04-08	47.7		1968-03-19	47.8	
1967-11-16	61.7		1967-10-23	65.0	
1967-09-19	65.3		1967-08-15	63.5	
1967-05-17	57.2		1967-04-24	51.5	
1967-03-20	50.9		1967-02-15	54.6	
1967-01-18	56.1		1966-12-14	57.0	
1966-11-16	61.1		1966-10-17	64.0	
1966-09-19	70.2		1966-08-17	74.7	
1966-07-21	63.6		1966-06-17	67.3	
1966-05-17	56.7		1966-04-12	53.2	
1966-03-15	52.0		1966-02-15	52.5	
1966-01-18	53.8		1965-12-17	52.7	
1965-11-16	58.7		1965-10-22	69.3	
1965-09-21	64.8		1965-08-16	68.7	
1965-07-12	67.4		1965-06-14	56.6	
1965-05-18	60.0		1965-04-14	53.1	
1965-03-15	53.2		1965-02-15	56.9	
1965-01-18	56.6		1964-12-15	60.9	
1964-11-16	61.6		1964-10-12	78.1	
1964-09-14	73.1		1964-08-18	70.1	
1964-07-13	73.0		1964-06-16	60.9	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1964-05-11	60.5		1964-04-13	55.3	
1964-03-16	49.9		1964-02-25	52.8	
1964-01-14	54.1		1963-12-19	55.1	
1963-11-18	39.2		1963-10-22	61.9	
1963-09-16	67.4		1963-08-12	68.1	
1963-07-09	69.5		1963-06-06	65.6	
1963-05-13	61.7		1963-04-16	63.2	
1963-03-05	63.4		1963-02-12	63.8	
1963-01-02	66.6		1962-12-03	69.3	
1962-11-14	72.6		1962-10-09	77.2	
1962-09-04	80.7		1962-08-14	92.3	
1962-07-10	87.4		1962-06-11	83.2	
1962-05-09	79.9		1962-04-18	79.6	
1962-03-08	83.7		1962-02-12	89.8	
1962-01-11	99.6		1961-12-04	95.0	
1961-11-06	99.4		1961-10-03	98.6	
1961-09-06	98.6		1961-08-07	94.4	
1961-07-06	90.2		1961-06-07	81.1	
1961-05-02	72.3		1961-04-04	70.8	
1961-03-02	75.9		1961-02-02	83.9	
1961-01-05	90.0		1960-12-08	91.2	
1960-11-03	92.4		1960-10-06	92.9	
1960-09-07	95.6		1960-08-03	87.6	
1960-07-06	82.9		1960-06-01	75.6	
1960-05-05	75.1		1960-04-05	72.6	
1960-03-02	76.6		1960-02-08	78.8	
1960-01-09	76.6		1959-12-05	83.8	
1959-11-07	80.9		1959-10-10	82.4	
1959-09-01	86.1		1959-08-10	84.0	
1959-07-08	86.2		1959-06-03	85.9	
1959-04-06	55.1		1959-03-04	54.7	
1959-02-02	53.9		1959-01-06	53.1	
1958-12-01	57.8		1958-10-27	58.8	
1958-10-01	58.6		1956-04-03	13.0	
1955-04-01	7.6		1954-04-02	17.1	
1953-04-19	12.2				

**B4  
SW  
1/8 - 1/4 Mile  
Lower**

Site ID: Not Reported  
 Groundwater Flow: S  
 Shallow Water Depth: 6  
 Deep Water Depth: 7  
 Average Water Depth: Not Reported  
 Date: 02/1999

**AQUIFLOW 54221**

**B5  
SW  
1/8 - 1/4 Mile  
Lower**

Site ID: Not Reported  
 Groundwater Flow: S  
 Shallow Water Depth: 6  
 Deep Water Depth: 7  
 Average Water Depth: Not Reported  
 Date: 02/1999

**AQUIFLOW 54223**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>B6 SW 1/8 - 1/4 Mile Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported S 5 6 Not Reported 10/1989	<b>AQUIFLOW</b>	<b>54225</b>
---	---	--	-----------------	--------------

<b>7 WNW 1/2 - 1 Mile Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 9 15 Not Reported 07/1997	<b>AQUIFLOW</b>	<b>54065</b>
--	---	--	-----------------	--------------

<b>8 SSW 1/2 - 1 Mile Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NE Not Reported Not Reported Not Reported 09/21/1999	<b>AQUIFLOW</b>	<b>53987</b>
--	---	--	-----------------	--------------

<b>C9 NW 1/2 - 1 Mile Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 12 06/15/1993	<b>AQUIFLOW</b>	<b>54582</b>
--	---	--	-----------------	--------------

<b>C10 NW 1/2 - 1 Mile Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 4.96 6.19 Not Reported 03/19/1991	<b>AQUIFLOW</b>	<b>54072</b>
---	---	--	-----------------	--------------

<b>11 East 1/2 - 1 Mile Higher</b>			<b>CA WELLS</b>	<b>CADW60000010499</b>
--	--	--	-----------------	------------------------

Objectid:	10499
Latitude:	38.264787
Longitude:	-122.644282
Site code:	381553N1223839W001
State well numbe:	Not Reported
Local well name:	'Station 1401'
Well use id:	1
Well use descrip:	Observation
County id:	49
County name:	Sonoma



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '2-1'  
 Basin desc: Petaluma Valley  
 Dwr region id: 80236  
 Dwr region: North Central Region Office  
 Site id: CADW60000010499

<b>D12 WNW 1/2 - 1 Mile Higher</b>	Site ID: Not Reported		<b>AQUIFLOW 54071</b>
	Groundwater Flow: SW		
	Shallow Water Depth: 4.96		
	Deep Water Depth: 6.19		
	Average Water Depth: Not Reported		
	Date: 03/19/1991		

<b>D13 WNW 1/2 - 1 Mile Higher</b>			<b>CA WELLS 5593</b>
--	--	--	----------------------

**Water System Information:**

Prime Station Code: 05N/07W-18R01 M	User ID: RXR
FRDS Number: 4910006013	County: Sonoma
District Number: 03	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Inactive Raw
Source Lat/Long: 381615.5 1223953.5	Precision: 100 Feet (one Second)
Source Name: STUB WELL - INACTIVE	
System Number: 4910006	
System Name: Petaluma, City of	
Organization That Operates System: PO BOX 61 PETALUMA, CA 94953	
Pop Served: 49957	Connections: 16502
Area Served: PETALUMA	

<b>14 WSW 1/2 - 1 Mile Higher</b>	Site ID: Not Reported		<b>AQUIFLOW 54063</b>
	Groundwater Flow: Not Reported		
	Shallow Water Depth: 15		
	Deep Water Depth: 17		
	Average Water Depth: Not Reported		
	Date: 11/05/1998		

<b>15 NW 1/2 - 1 Mile Higher</b>	Site ID: Not Reported		<b>AQUIFLOW 54581</b>
	Groundwater Flow: Not Reported		
	Shallow Water Depth: Not Reported		
	Deep Water Depth: Not Reported		
	Average Water Depth: 12		
	Date: 06/15/1993		

<b>16 SE 1/2 - 1 Mile Lower</b>			<b>CA WELLS 5596</b>
---	--	--	----------------------

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Water System Information:**

Prime Station Code: 05N/07W-21N02 M	User ID: RXR
FRDS Number: 4900681001	County: Sonoma
District Number: 03	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Raw
Source Lat/Long: 381531.0 1223838.0	Precision: 1,000 Feet (10 Seconds)
Source Name: WELL 01	
System Number: 4900681	
System Name: Capri Mobile Villa	
Organization That Operates System: 717 NORTH MCDOWELL BLVD. PETALUMA, CA 94952	
Pop Served: 105	Connections: 69
Area Served: Not Reported	
Sample Collected: 28-JUN-11	Findings: 14. MG/L
Chemical: NITRATE (AS NO3)	
Sample Collected: 27-JUN-12	Findings: 13. MG/L
Chemical: NITRATE (AS NO3)	

<b>17 NNE 1/2 - 1 Mile Higher</b>	Site ID: 49-0217		<b>AQUIFLOW 65961</b>
	Groundwater Flow: N		
	Shallow Water Depth: Not Reported		
	Deep Water Depth: Not Reported		
	Average Water Depth: 6		
	Date: 10/29/1992		

<b>E18 WNW 1/2 - 1 Mile Higher</b>	Site ID: Not Reported		<b>AQUIFLOW 54055</b>
	Groundwater Flow: SE		
	Shallow Water Depth: Not Reported		
	Deep Water Depth: Not Reported		
	Average Water Depth: Not Reported		
	Date: 12/30/1997		

<b>E19 WNW 1/2 - 1 Mile Higher</b>	Site ID: Not Reported		<b>AQUIFLOW 53992</b>
	Groundwater Flow: SSW		
	Shallow Water Depth: Not Reported		
	Deep Water Depth: Not Reported		
	Average Water Depth: Not Reported		
	Date: 11/11/1991		

<b>E20 WNW 1/2 - 1 Mile Higher</b>	Site ID: Not Reported		<b>AQUIFLOW 54057</b>
	Groundwater Flow: E		
	Shallow Water Depth: Not Reported		
	Deep Water Depth: Not Reported		
	Average Water Depth: 12		
	Date: 03/24/1989		

<b>E21 WNW 1/2 - 1 Mile Higher</b>	Site ID: Not Reported		<b>AQUIFLOW 54079</b>
	Groundwater Flow: Not Reported		
	Shallow Water Depth: 4.34		
	Deep Water Depth: 15		
	Average Water Depth: Not Reported		
	Date: 06/10/1997		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>F22</b> <b>WNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Not Reported Groundwater Flow: WSW Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: Not Reported Date: 08/18/1999	<b>AQUIFLOW</b>	<b>54257</b>
--	--	-----------------	--------------

<b>F23</b> <b>WNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Not Reported Groundwater Flow: WSW Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: Not Reported Date: 08/18/1999	<b>AQUIFLOW</b>	<b>54296</b>
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<b>24</b> <b>SE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>		<b>CA WELLS</b>	<b>5597</b>
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**Water System Information:**

Prime Station Code: 05N/07W-21P80 M	User ID: RXR	County: Sonoma
FRDS Number: 4900955001	County: Sonoma	Station Type: WELL/AMBNT/MUN/INTAKE
District Number: 03	Station Type: WELL/AMBNT/MUN/INTAKE	Well Status: Active Raw
Water Type: Well/Groundwater	Well Status: Active Raw	Precision: 100 Feet (one Second)
Source Lat/Long: 381532.0 1223826.0	Precision: 100 Feet (one Second)	
Source Name: WELL 01		
System Number: 4900955		
System Name: Candlewood Mobile Home Park		
Organization That Operates System: 576 N. MCDOWELL BLVD PETALUMA, CA 94952		
Pop Served: 210	Connections: 178	
Area Served: Not Reported		

<b>25</b> <b>SW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>		<b>CA WELLS</b>	<b>5595</b>
--	--	-----------------	-------------

**Water System Information:**

Prime Station Code: 05N/07W-20N06 M	User ID: RXR	County: Sonoma
FRDS Number: 4900716001	County: Sonoma	Station Type: WELL/AMBNT/MUN/INTAKE
District Number: 03	Station Type: WELL/AMBNT/MUN/INTAKE	Well Status: Active Raw
Water Type: Well/Groundwater	Well Status: Active Raw	Precision: 0.5 Mile (30 Seconds)
Source Lat/Long: 381523.0 1223953.0	Precision: 0.5 Mile (30 Seconds)	
Source Name: WELL 01		
System Number: 4900716		
System Name: Cinnabar School District		
Organization That Operates System: P.O. BOX 750399 PETALUMA, CA 94976		
Pop Served: 215	Connections: 1	
Area Served: Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	20-MAR-12	Findings:	0.2 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	20-MAR-12	Findings:	12. UG/L
Chemical:	ARSENIC		
Sample Collected:	20-MAR-12	Findings:	13. UG/L
Chemical:	SILVER		
Sample Collected:	11-JUN-12	Findings:	5.5 UG/L
Chemical:	ARSENIC		
Sample Collected:	10-SEP-12	Findings:	9.2 UG/L
Chemical:	ARSENIC		
Sample Collected:	03-DEC-12	Findings:	4.4 UG/L
Chemical:	ARSENIC		
Sample Collected:	13-MAR-13	Findings:	26. UG/L
Chemical:	ARSENIC		
Sample Collected:	12-JUN-13	Findings:	8.7 UG/L
Chemical:	ARSENIC		
Sample Collected:	05-AUG-13	Findings:	5.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-SEP-13	Findings:	7.9 UG/L
Chemical:	ARSENIC		
Sample Collected:	03-SEP-13	Findings:	7.9 UG/L
Chemical:	ARSENIC		
Sample Collected:	19-DEC-13	Findings:	6.5 UG/L
Chemical:	ARSENIC		
Sample Collected:	11-MAR-14	Findings:	7.2 UG/L
Chemical:	ARSENIC		
Sample Collected:	04-APR-14	Findings:	4.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-MAY-14	Findings:	9.9 UG/L
Chemical:	ARSENIC		
Sample Collected:	11-JUN-14	Findings:	9.2 UG/L
Chemical:	ARSENIC		
Sample Collected:	06-AUG-14	Findings:	4.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-SEP-14	Findings:	5.4 UG/L
Chemical:	ARSENIC		
Sample Collected:	14-OCT-14	Findings:	3.9 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	14-OCT-14	Findings:	7.9 UG/L
Chemical:	ARSENIC		
Sample Collected:	16-DEC-14	Findings:	6.5 UG/L
Chemical:	ARSENIC		
Sample Collected:	18-MAR-15	Findings:	7.4 UG/L
Chemical:	ARSENIC		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12-JUN-15	Findings:	7.1 UG/L
Chemical:	ARSENIC		
Sample Collected:	18-SEP-15	Findings:	7.6 UG/L
Chemical:	ARSENIC		
Sample Collected:	11-DEC-15	Findings:	4.5 UG/L
Chemical:	ARSENIC		
Sample Collected:	04-MAR-16	Findings:	4.1 UG/L
Chemical:	ARSENIC		
Sample Collected:	10-JUN-16	Findings:	5.5 UG/L
Chemical:	ARSENIC		

<b>G26 NW 1/2 - 1 Mile Higher</b>	Site ID:	Not Reported		
	Groundwater Flow:	S	<b>AQUIFLOW</b>	<b>54252</b>
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	11/10/1998		

<b>G27 NW 1/2 - 1 Mile Higher</b>	Site ID:	Not Reported		
	Groundwater Flow:	S	<b>AQUIFLOW</b>	<b>54254</b>
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	11/10/1998		

<b>28 NW 1/2 - 1 Mile Higher</b>	Site ID:	Not Reported		
	Groundwater Flow:	NW	<b>AQUIFLOW</b>	<b>54255</b>
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	04/26/1999		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94954	23	0

Federal EPA Radon Zone for SONOMA County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 94954

Number of sites tested: 8

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.275 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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# **CORRESPONDENCE**



December 29, 2016

Dept. of Toxic Substances Control  
700 Heinz Avenue, Suite 100  
phone (510) 540-3003  
fax (510) 540-3801  
email [Berkeleyfileroom@DTSC.ca.gov](mailto:Berkeleyfileroom@DTSC.ca.gov)

**Re: File Search/Review Request**

Carl Rose or Andre Alexander:

Pursuant to a Phase I Assessment, I would like to determine whether your agency has any information on file for the location(s) listed below, and review or obtain copies of any files you may have.

**Commercial Property**  
**320 Corona Road**  
**Petaluma, CA 94954**

Thank you in advance for your assistance.

Sincerely,  
*Pinnacle Environmental, Inc.*

*Leigh Cloven*

Leigh Cloven  
Administrator  
Ph: 949)302-4404  
Fax: 866)845-4954  
e-mail: [leigh@pei-env.com](mailto:leigh@pei-env.com)



December 11, 2016

Dept. of Toxic Substances Control  
700 Heinz Avenue, Suite 100  
phone (510) 540-3003  
fax (510) 540-3801  
email [Berkeleyfileroom@DTSC.ca.gov](mailto:Berkeleyfileroom@DTSC.ca.gov)

**Re: File Search/Review Request**

Carl Rose or Andre Alexander:

Pursuant to a Phase I Assessment, I would like to determine whether your agency has any information on file for the location(s) listed below, and review or obtain copies of any files you may have.

**Commercial Property**  
**890 N. McDowell Blvd.**  
**Petaluma, CA 94954**

Thank you in advance for your assistance.

Sincerely,  
*Pinnacle Environmental, Inc.*

*Leigh Cloven*

Leigh Cloven  
Administrator  
Ph: 949)302-4404  
Fax: 866)845-4954  
e-mail: [leigh@pei-env.com](mailto:leigh@pei-env.com)



Matthew Rodriguez  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

---

Barbara Lee, Director  
700 Heinz Avenue  
Berkeley, California 94710-2721



Edmund G. Brown, Jr.  
Governor

December 19<sup>th</sup>, 2016

Leigh Cloven  
Pinnacle Environmental, Inc.  
102 Ave. San Dimas, Unit B  
San Clemente, CA 92672

**SITE SUBJECT: 890 N. McDowell Blvd., Petaluma, CA 94954**

**PR # 2-121216-01**

Dear Mr. Cloven,

We have received your Public Records Act Request for information 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(s) 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,

  
**Liang Yu Ma**

Regional Central Files Coordinator  
Tel: (510) 540-3800 / Fax: (510) 540-3801  
[Berkeleyfileroom@DTSC.CA.GOV](mailto:Berkeleyfileroom@DTSC.CA.GOV)





December 11, 2016

San Francisco Regional Water Quality Control Board  
1515 Clay Street, Suite 1400, Oakland, California  
phone (510) 622-2300  
fax (510) 622-2460

**Re: File Search/Review Request**

Melinda Wong:

Pursuant to an Environmental Site Assessment, I would like to find out if you have any UST, LUST, SLIC, site assessment or other information on file for the following listed location(s):

**Commercial Property**  
**890 N. McDowell Blvd.**  
**Petaluma, CA 94954**

Thank you in advance for your assistance.

Respectfully Submitted,

*Leigh Cloven*

Leigh Cloven  
Administrator  
Ph 949)302-4404  
Fax 866)845-4954  
e-mail: leigh@pei-env.com





December 29, 2016

San Francisco Regional Water Quality Control Board  
1515 Clay Street, Suite 1400, Oakland, California  
phone (510) 622-2300  
fax (510) 622-2460

**Re: File Search/Review Request**

Melinda Wong:

Pursuant to an Environmental Site Assessment, I would like to find out if you have any UST, LUST, SLIC, site assessment or other information on file for the following listed location(s):

**Commercial Property**  
**320 Corona Road**  
**Petaluma, CA 94954**

Thank you in advance for your assistance.

Respectfully Submitted,

*Leigh Cloven*

Leigh Cloven  
Administrator  
Ph 949)302-4404  
Fax 866)845-4954  
e-mail: leigh@pei-env.com





[Return to BAAQMD.gov](http://BAAQMD.gov)

## Public Records Portal

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### Public Request Details

First Name: Leigh

Last Name: Cloven

Organization: Pinnacle Environmental

Address: 102 Ave San Dimas Unit B

City: San Clemente

State: CA

ZipCode: 92672

Country: United States

Telephone: (949) 302-4404

Email: leigh@pei-env.com

Password: \*\*\*\*\*

Request Number: 2016-12-0078

Description: Facility Information-Commercial Property-890 N. McDowell Blvd.-Petaluma

Request Details: All records relevant to a Phase I Environmental Site Assessment.

Use your email and password to access your requests.

[Login](#)

[Change Password](#)

[Print](#)



Leigh Cloven &lt;leigh@pei-env.com&gt;

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**Public Records Request No. 2016-12-0078**

1 message

---

**Rochelle Reed** <publicrecords@baaqmd.gov>  
To: Leigh Cloven <leigh@pei-env.com>

Mon, Dec 12, 2016 at 12:18 PM

Dear Leigh Cloven,

Thank you for your request. We have searched our records and have no records that respond to your below request for:

Commercial Property  
890 N. McDowell Blvd.  
Petaluma

If you have any questions or concerns, please call or e-mail me.

Sincerely,

Rochelle Reed  
Public Records Section  
BAAQMD  
[415-749-4784](tel:415-749-4784)





Leigh Cloven &lt;leigh@pei-env.com&gt;

---

**890 N. McDowell Blvd., Petaluma**

1 message

---

**Alicia Ponce** <Alicia.Ponce@sonoma-county.org>  
To: "leigh@pei-env.com" <leigh@pei-env.com>

Thu, Dec 15, 2016 at 11:15 AM

Hi Leigh,

After researching the address mentioned above I have found that Sonoma County Fire and Emergency Services systems (Archives, DHD, CERS & CUPA DMS) has no record of the address mentioned above. If there is anything else I can assist you with please let me know.

Sincerely,

*Alicia Ponce**County Of Sonoma**Fire & Emergency Services Dept**Hazardous Materials Division***707-565-3707***Office hours - Tuesday - Friday 9:00 am to 2:00 pm*



December 29, 2016

Sonoma County PRMD  
2550 Ventura Avenue  
Santa Rosa, California 95403  
phone (707) 565-1900  
fax (707) 565-1103

**Re: File Search/Review Request**

To Whom It May Concern:

Pursuant to an Environmental Site Assessment, I would like to find out if you have any UST, LUST, SLIC, site assessment, well permits, building permits or other information on file for the following listed location(s):

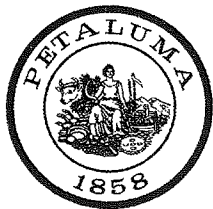
**Commercial Property**  
**890 N. McDowell Blvd. & 320 Corona Road**  
**Petaluma, CA 94954**

Thank you in advance for your assistance.

Respectfully Submitted,

*Leigh Cloven*

Leigh Cloven  
Administrator  
Ph 949)302-4404  
Fax 866)845-4954  
e-mail: leigh@pei-env.com



# CITY OF PETALUMA

POST OFFICE BOX 61  
PETALUMA, CA 94953-0061

David Glass  
Mayor

Chris Albertson  
Teresa Barrett  
Mike Healy  
Gabe Kearney  
Dave King  
Kathy Miller  
Councilmembers

## REQUEST FOR PUBLIC RECORDS

### RECORDS REQUEST MADE BY:

Dec. 29, 2016

NAME: Leigh Cloven DATE: \_\_\_\_\_

COMPANY Pinnacle Environmental Inc.

ADDRESS: 102 Ave. San Dimas, Unit B, PHONE: 949)302-4404  
San Clemente, CA 92762 email leigh@pei-env.com

### PROPERTY/SITE LOCATION:

ADDRESS #1: \_\_\_\_\_ APN # 137-061-019  
320 Corona Road, Petaluma, CA 94954

ADDRESS #2: 890 N. McDowell Blvd., CA 94954 APN # \_\_\_\_\_

### RECORDS INFORMATION:

The Petaluma Fire Department is the Certified Unified Program Agency (CUPA) for the City of Petaluma and typically maintains files and records that may be used for Environmental Site Assessments. City staff will pull matching files and may request clarifying information that could help identify the records sought. Within ten (10) days of receipt of a request, City staff will determine whether the request seeks non-exempt records or parts of records in the City's possession and inform the requester. In some circumstances, the City may have up to an additional fourteen (14) days to make its determination upon proper notice to the requester. The City will inform requesters of the time and date when non-exempt records or parts of records will be made available. (California Government Code sections 6253, 6253.1.)

### Check the box for the type of records sought:

- Underground Storage Tank Records
- Above-ground Storage Tank Records
- Hazardous Materials/Waste Records
- Non-Hazardous Materials/Waste Records
- Fire Code
- Other (please be as specific as possible)

All records relevant to a Phase I Environmental Site Assessment including the above and fire inspections and violations.

The City may require payment of the direct cost of duplication or of the applicable statutory fee before providing copies of City records. The direct cost of duplication of most City records is \$0.31 per page. The statutory fee that applies to copies of reports and statements filed under the Political Reform Act is \$0.10 per page plus a retrieval fee of \$5.00 per request. City staff can provide copy charges that apply to other media. Requests to ship copies may be subject to payment of shipping costs. (California Government Code sections 6253, 81008.)

\*\*\*\*\*

Number of copies made at \$0.31 per page \_\_\_\_\_

Retrieval cost (if applicable) \_\_\_\_\_

Shipping cost (if applicable) \_\_\_\_\_

Amount due \_\_\_\_\_

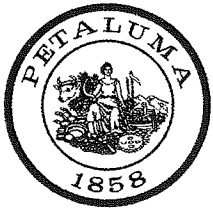
07/13/2016

**Fire Department**  
198 "D" Street  
Petaluma, CA 94952

Phone (707) 778-4390  
Fax (707) 762-4547

**Fire Prevention Bureau**  
11 English Street  
Petaluma, CA 94952

Phone (707) 778-4389  
Fax (707) 776-3642



# CITY OF PETALUMA

POST OFFICE BOX 61  
PETALUMA, CA 94953-0061

David Glass  
Mayor

Chris Albertson  
Teresa Barrett  
Mike Healy  
Gabe Kearney  
Dave King  
Kathy Miller  
Councilmembers

## REQUEST FOR PUBLIC RECORDS

### RECORDS REQUEST MADE BY:

NAME: Leigh Cloven DATE: Dec. 11, 2016

COMPANY Pinnacle Environmental Inc.

ADDRESS: 102 Ave. San Dimas, Unit B, PHONE: 949)302-4404  
San Clemente, CA 92762 email leigh@pei-env.com

### PROPERTY/SITE LOCATION:

ADDRESS #1: 890 N. McDowell Blvd., Petaluma, CA 94954 APN # 137-061-019

ADDRESS #2: \_\_\_\_\_ APN # \_\_\_\_\_

### RECORDS INFORMATION:

The Petaluma Fire Department is the Certified Unified Program Agency (CUPA) for the City of Petaluma and typically maintains files and records that may be used for Environmental Site Assessments. City staff will pull matching files and may request clarifying information that could help identify the records sought. Within ten (10) days of receipt of a request, City staff will determine whether the request seeks non-exempt records or parts of records in the City's possession and inform the requester. In some circumstances, the City may have up to an additional fourteen (14) days to make its determination upon proper notice to the requester. The City will inform requesters of the time and date when non-exempt records or parts of records will be made available. (California Government Code sections 6253, 6253.1.)

### Check the box for the type of records sought:

- Underground Storage Tank Records
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- Hazardous Materials/Waste Records
- Non-Hazardous Materials/Waste Records
- Fire Code
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\*\*\*\*\*

Number of copies made at \$0.31 per page	_____
Retrieval cost (if applicable)	_____
Shipping cost (if applicable)	_____
Amount due	_____

07/13/2016

**Fire Department**  
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11 English Street  
Petaluma, CA 94952

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Fax (707) 776-3642



# City of Petaluma, California

11 English Street  
Petaluma, CA 94952

**David Glass**  
*Mayor*

**Chris Albertson**  
**Teresa Barrett**  
**Mike Healy**  
**Gabe Kearney**  
**Dave King**  
**Kathy Miller**  
*Councilmembers*

## REQUEST FOR PUBLIC RECORDS

NAME/COMPANY: Pinnacle Environmental Inc DATE: 12-29-2016  
ADDRESS: PO Box 904  
CITY: Clayton, CA ZIP: 94517  
PHONE: 925-673-5500 EMAIL: pcloven@pei-env.com

The California Public Records Act gives members of the public the right to inspect and to obtain copies of reasonably identified, non-exempt, existing public records. Please list the requested records and be as specific as possible. City staff will be happy to assist records requesters by describing relevant City information technology, the location where records are kept, and by making suggestions for avoiding practical obstacles to obtaining the records sought. City staff will respond to most requests within ten (10) days of receiving a request. For some requests, such as those involving voluminous records, the City may take up to an additional fourteen (14) days to respond. The City will inform requesters when non-exempt records or parts of records will be provided, and whether any exemptions apply. The City will provide records requested in electronic form in the form requested if it is one in which the City maintains the records.

### RECORDS SOUGHT:

890 N. McDowell Boulevard & 320 Corona Road, Petaluma

All records relevant to a Phase I ESA including the above  
addresses including, fire inspections, violations, haz mat  
use, above ground and underground storage tanks.

### COPIES:

Would you like copies made? Yes No How many of each? \_\_\_\_\_  
Would you like electronic records emailed?  Yes No

The City may require payment of the direct cost of duplication or of the applicable statutory fee before providing copies of public records. The direct cost of duplication of most City records is \$0.31 per page. City staff can provide copy charges for other media. Staff will inform requesters of estimated copying charges. Requests to ship copies may be subject to payment of shipping costs.

#### STAFF USE ONLY:

Number of copies made at \$0.31 per page: \_\_\_\_\_  
Retrieval cost (if applicable): \_\_\_\_\_  
Shipping cost (if applicable): \_\_\_\_\_  
Amount due: \_\_\_\_\_

NOTES: \_\_\_\_\_

**City Clerk**  
11 English Street  
Petaluma, CA 94952

Phone 707.778.4360  
FAX 707.778.4554

E-Mail  
cityclerk@ci.petaluma.ca.us



# **FILE REVIEW INFORMATION**

Plant number ..... 1963 A1963  
Business name ..... Balistreri And Holmes Transport, Inc  
Location address ..... 320 Corona Road  
City ..... Petaluma, CA 94952  
Telephone ..... 707-763-9673  
Mailing address ..... 320 Corona Road  
City ..... Petaluma, CA 94952  
Contact ..... Chuck Holmes, President  
Address ..... 320 Corona Road  
City ..... Petaluma, CA 94952  
Telephone ..... (707) 763-9673  
Permit engr, Current ... Anthony J Marotto (220)  
Former .... Brenda F Cabral (1017)  
Ownership type ..... Private  
Plant centroid, UTM .... 531.017 Horizontal, 4236.521 Vertical  
Inside city limits ..... No  
Ceased operation ..... Oct 21, 1996, Closed

Plant #: 1963

Company name: Balistreri And Holmes Transport, Inc  
Location: 320 Corona Road, Petaluma, CA 94952

Application #: 31071

Project title: Paint sand blasting

Engineer: Mohamad R Moazed [307 ]

Received: 08/08/85

Final disposition: Canceled, 10/17/85

Plant number ..... 12818 B2818  
Business name ..... Complete Equipment  
Location address ..... 320 Corona Road  
City ..... Petaluma, CA 94954  
Telephone ..... 707-664-0366  
Mailing address ..... P O Box 429  
City ..... Cotati, CA 94931  
Contact ..... Larry R Johnson, Owner  
Address ..... P O Box 429  
City ..... Cotati, CA 94931  
Telephone ..... (707) 664-0366  
Permit engr, Current ... Hari S Doss (442)  
Former .... Donald P Van Buren (435)  
Permits to Operate ..... None  
Ownership type ..... Private  
Plant centroid, UTM .... 530.059 Horizontal, 4235.503 Vertical  
Inside city limits ..... Yes

Plant #: 12818  
Company name: Complete Equipment  
Location: 320 Corona Road, Petaluma, CA 94954

Application #: 1915  
Project title: New Facility/Grinder  
Engineer: Dharam Singh [536 ]  
Received: 10/12/00  
Final disposition: Canceled, 01/17/01

## BUILDING PERMITS (SELECTED)

**SONOMA COUNTY  
BUILDING INSPECTION**

575 ADMINISTRATION DRIVE  
SANTA ROSA, CALIF 95401  
TELEPHONE (707) 527-2221

**OWNER**  
NAME: ROYAL Petroleum Co.  
ADDRESS: 1501 Petaluma Bl S.  
CITY: Petaluma CA. ZIP CODE: 94952  
TEL NO: 707 763-1521

**PROJECT**  
ADDRESS: 320 Corona Rd  
CITY: Petaluma  
SUBDIVISION NAME: \_\_\_\_\_ UNIT NO: \_\_\_\_\_ LOT: \_\_\_\_\_ BLOCK: \_\_\_\_\_  
ASSESSOR'S PARCEL NO: 137-060-23  
NEAREST CROSS STREET: \_\_\_\_\_

**CONTRACTOR**  
NAME: MAUS ELECTRIC  
ADDRESS: 5002 Pet Blvd N.  
CITY: Petaluma CA ZIP CODE: 94952  
STATE LIC NO: 244222 CLASS: C-10

**DESIGNER**  
NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

CERTAIN AREAS WITHIN SONOMA COUNTY MAY BE GEOLOGICALLY HAZARDOUS. YOU ARE INVITED TO REVIEW ANY GEOLOGIC DATA THAT HAS BEEN MADE AVAILABLE TO YOU BY MAKING A DETERMINATION AS TO THE SUITABILITY OF A PROPOSED BUILDING SITE.

CONDITION OF SOIL AT JOB SITE:  
 ORIGINAL  ENGINEERED FILL  LOCAL FILL

**SITE REVIEW**

REQUIRED REPORTS:  
 GEOLOGY  SOILS  CONSTRUCTION  
 FLOOD ZONE

USE VS. ELEV: \_\_\_\_\_ FPL: \_\_\_\_\_ RATE ZONE: \_\_\_\_\_

SEWER CONNECTION: \_\_\_\_\_ SANITATION ENGINEER: \_\_\_\_\_  
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

SEPTIC TANK INSTALLATION: \_\_\_\_\_ HEALTH DEPARTMENT: \_\_\_\_\_  
PERMIT NUMBER: \_\_\_\_\_ OR CLEARANCE: \_\_\_\_\_  
DATE REC'D: \_\_\_\_\_ DATE ISSUED: \_\_\_\_\_

DESCRIBE WORK TO BE DONE: Upgrade Interior Electrical of Building

**LICENSED CONTRACTORS DECLARATION** I hereby affirm that I am licensed under provisions of Chapter 9 commencing with Section 7000 of Division 3 of the Business and Professions Code and my license is in full force and effect.  
Contractor's Signature: Walter T. Maus

**OWNER/BUILDER DECLARATION** I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code): Any city or county which requires a permit to construct, alter, improve, demolish or repair any structure and to its issuance, also requires the applicant for such permit to file a signed statement that the work is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 commencing with Section 7000 of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the exempt exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):  
 as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner/builder will have the burden of proving that he did not build or improve for the purpose of sale.  
 as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.  
 I am exempt under Sec. \_\_\_\_\_ B & P.C. for this reason.

Owner's Signature: \_\_\_\_\_

**WORKER'S COMPENSATION DECLARATION** I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof filed with the Building Inspection Department (Sec. 3000, Lab. C.).  
Policy No: 296070-88 Insurance Co: State Comp  
Applicant's Signature: Walter T. Maus Expiration Date: 7-1-88

**CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE** I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.  
Owner's or Contractor's Signature: \_\_\_\_\_

**CONSTRUCTION LENDING AGENCY** I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).  
Lender's Name: \_\_\_\_\_  
Lender's Address: \_\_\_\_\_

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS, AND IS SUBJECT TO EXPIRATION IF WORK THEREUNDER IS SUSPENDED FOR 180 DAYS.

**APPLICANT**  
NAME: MAUS Electric  
ADDRESS: 5002 Pet Blvd N. Petaluma CA 94952  
I certify that I have read this application and state that the above information is correct, and that I am the owner or the duly authorized agent of the owner. I agree to comply with all County and State laws relating to building construction. I hereby authorize representatives of the County of Sonoma to enter upon the above-mentioned property for inspection purposes. If after making the Certificate of Exemption from the Worker's Compensation provisions of the Labor Code I should become subject to such provisions, I will forthwith comply in the event I do not comply with the Worker's Compensation law this permit shall be deemed revoked.  
SIGNATURE: Walter T. Maus DATE: 4-25-88  
 CONTRACTOR  OWNER  AGENT FOR CONTRACTOR  AGENT FOR OWNER

FLOOR AREA	SIZE IN SQUARE FEET	RATE PER SQUARE FOOT	VALUE
GARAGE CARPORT			
DECK AWNING			
<b>TOTAL</b>			

**FEES - Per Chapter 7 et seq. Sonoma County Code**

<input type="checkbox"/> BUILDING	
<input type="checkbox"/> PLAN CHECK	
<input type="checkbox"/> PLUMBING	
<input checked="" type="checkbox"/> ELECTRICAL	25.00
<input type="checkbox"/> MECHANICAL	
<input type="checkbox"/> GRADING	
<input type="checkbox"/> SITE REVIEW	
<input checked="" type="checkbox"/> PLANNING	9.00
<input type="checkbox"/> LATE FEES	
<input type="checkbox"/> SCHOOL IMPACT	
<b>TOTAL \$ 34.00</b>	

PLANS APPROVED

APPROVED BY: Don W. Hotal DATE: 5/2/88  
BY: \_\_\_\_\_ DATE: 5/2/88

**PLANNING DEPARTMENT**

ZONING: A1, B16, 10AC/2A FILE NO: \_\_\_\_\_ ACRES: 9.27

EXISTING USE: TRUCK TERMINAL

PROPOSED USE: ELC. UPGRADE

YARDS FRONT: 20' LEFT SIDE: 10' RIGHT SIDE: 10' REAR: 20'

**PLANNING APPROVALS**

FOR PERMIT ISSUANCE: \_\_\_\_\_ DATE: \_\_\_\_\_  
FOR OCCUPANCY: J. Hotal DATE: 5/2/88

REMARKS: CLEARANCE FOR ELEC. WORK ONLY  
NO NEW CONSTRUCTION.

MACHINE SPACE FOR PERMIT FEE

NO. OF STRUCTURE	NO. OF STORIES	CERTIFICATE OF OCC.	FINAL DATE	INSPECTION
<u>V-1081024</u>	<u>V-20825</u>			

844963

320 Corona Rd  
Maus + McMillan

PERMIT NUMBER  
844963



Application is hereby made to the Sonoma County Health Officer for a permit to construct a sewage disposal system as described below in compliance with Sonoma County Ordinance No. 778.

COUNTY OF SONOMA  
DEPARTMENT OF HEALTH SERVICES  
PUBLIC HEALTH SERVICE  
3313 CHIANATE RD. - PHONE 549-0881  
SANTA ROSA, CALIFORNIA 527-2711

8-13-68  
APPLICATION FOR PRIVATE  
SEWAGE DISPOSAL PERMIT  
WHEN VALIDATED THIS IS YOUR PERMIT

OWNER NAME: **CONCEPCION M. MORALES**  
 ADDRESS: **3700 CORONADO**  
 CITY: **Petaluma**  
 GENERAL CONTRACTOR: **Self**  
 SEWER SYSTEM: **Septic**  
 ADDRESS: **3700 Coronado**  
 DIVISION: **Petaluma**  
 TYPE OF BUILDING: **Other**  
 NUMBER OF BEDROOMS: **3**  
 SEWER SERVICE: **Public**

APPROVED BY	RECEIVED	DATE ISSUED	PERMITS	INSPECTION	FEES
<i>[Signature]</i>		9-16-68	10811	X	\$10.00

SEWERAGE SYSTEM LAYOUT PLAN  
 SHOW THE LOCATION, SHOWING RELATION TO BUILDING LINES, PROPERTY LINES, WELLS, STREAMS, ETC. ALSO INDICATE SLOPE OR TERRAIN FACTORS.

**CLEARANCE TO HOUSE  
 CEMENT SLABS FOR  
 CONSTRUCTION OF ADDED  
 BRAIN AND FEED STORAGE  
 FOR EXISTING FEED  
 MILL OF PETAUMA FEED  
 MILL - NO SEPTIC TANK  
 LEACH LINES ETC.**

IMPORTANT: 1. Any deviation in construction from above sketch must be approved in writing.  
 2. Structural plans for the septic tank must be submitted to and approved by the Sonoma County Building Department prior to installation.  
 3. Final approval of any engineer designed installation requires a signed statement by the design engineer certifying that the installation complies with the plans submitted and approved.

DATE COMPLETED: **8-9-68**  
 SANITARIAN: *[Signature]*

APPLICATION AND INSPECTION PROCEDURES  
 A permit is made for private sewage disposal system at the County Health Department Building Department. Building Department DEPT. 100-1000  
 A permit is made for an inspection by a sanitarian for approval of location and type of system.  
 Sanitarians are required to inspect the system and to report the results of the inspection to the County Health Department.  
 The system must be installed in accordance with the provisions of Sonoma County Ordinance No. 778, and Section 20318, 20319 and 20320 of the California Code.  
 The applicant understands that the permit is not a guarantee of performance of the system and that the Sonoma County Public Health Department is not responsible for the performance of the system.  
 I, the undersigned, hereby certify that the information furnished to the County Health Department is true and correct to the best of my knowledge and belief.  
 DATE: **8-9-68**  
 BY: *[Signature]*

WHEN VALIDATED THIS IS YOUR PERMIT  
 8-16-68  
 10811  
 3700 CORONADO  
 PETALUMA, CALIF. 94954

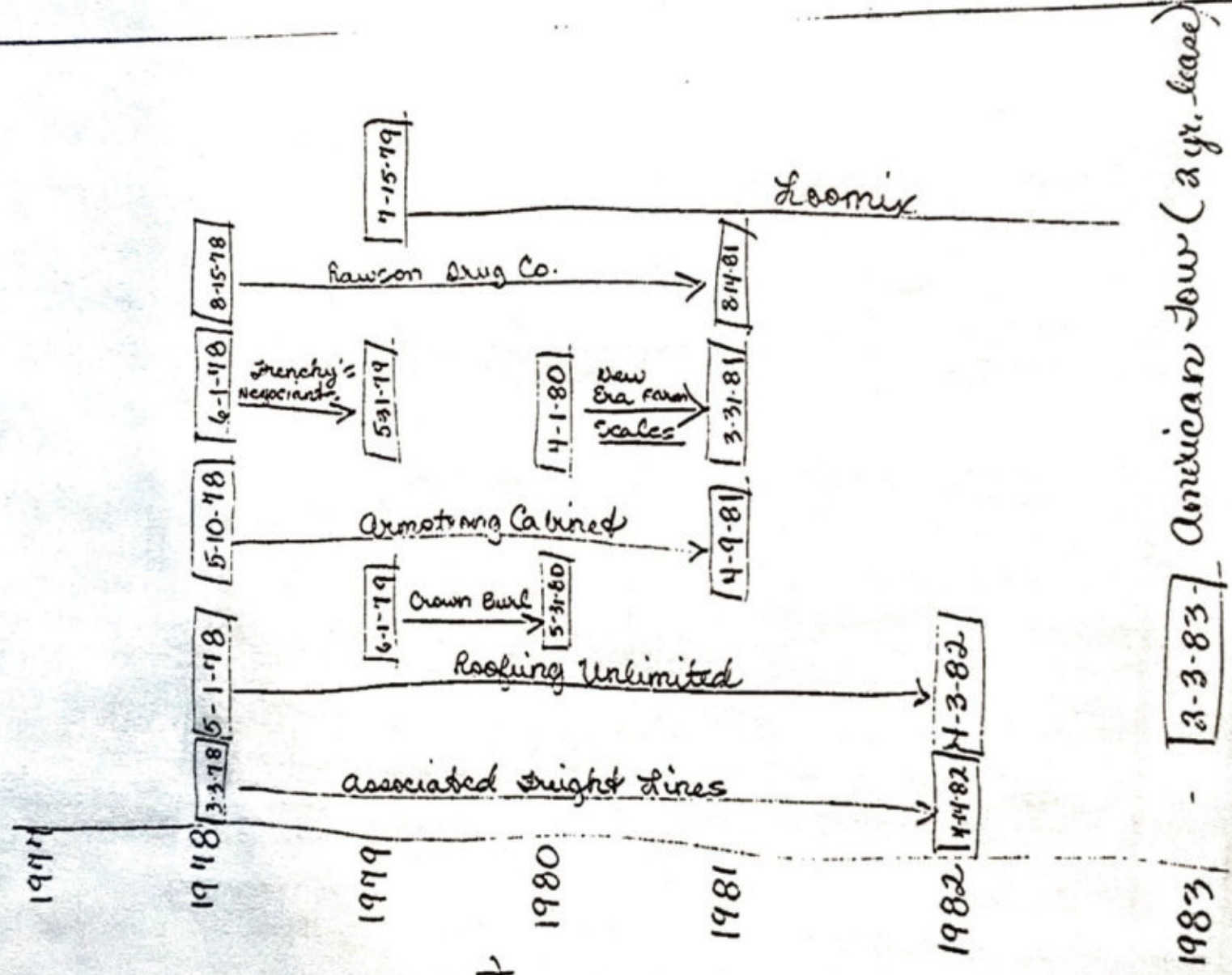
DATE: \_\_\_\_\_ BY: *[Signature]*  
 CLEARANCE FOR ELEC. WORK ONLY  
 NEW CONSTRUCTION: **yes**

*[Signature]*  
 8/14/68



lease

1954 → 1951  
1954 → 6-30-78



1983 → present  
Balesteri



**City of Petaluma** 11 English Street  
Post Office Box 61 - Petaluma, California 94953

PLANNING DEPARTMENT  
707-778-4301

June 29, 1983

Wilford Harris  
Sonoma County Planning Department  
2555 Mendocino Ave., Room 105-A  
Santa Rosa, CA 95401

RE: American Towing, 320 Corona Road (Approx. Area Corona Road  
and McDowell Boulevard North)

Dear Mr. Harris:

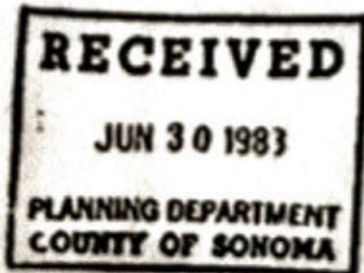
This letter is in reference to our conversation, June 29, 1982 a.m., about the status of American Towing Yard. You stated that one of your staff members; Debbie, Zoning Inspector, has or will be check-the site. The number of wrecked automobiles on the site is growing in size and is very visible from McDowell Boulevard.

The City, if needed, will write up a formal complaint to your office to try and elevate this problem. If you or your staff have any questions, feel free to call.

Sincerely,

  
Butch Salth  
Planning Technician

BS/jl





## MEMO

EXHIBIT G

DATE: 8-31-84

TO: File V-4713

FROM: Milford Harris - 2.E.O.

SUBJECT: 320 Corona Road - Petaluma, Ca.

A.P. 137-060-23.

Inspection this date revealed that old feed mill building, which was destroyed by fire a few nights ago was used for commercial warehousing. The building was divided into three areas for three different tenants - a painting contractor, a drug store and an individual who stored tons of old & used clothing.

The feed mill proper is not operative and has been undergoing demolition for several months.

Balestrieri & Holmer Transportation has an office in front, a scale & scale office, refueling pumps and parking area in the rear of the property. They have no hay storage on site and are primarily hay haulers & wholesalers. Their operation is more a truck depot or terminal than an ag. use. There appear to be other truckers using the scale & refueling facility. American Sowing is located in the rear of the property. There appears to be an occupied trailer on this site as well as numerous junk, non-(over)



operative motor vehicles.

In my opinion, all ~~users~~ users on the property are violations unless the owner can prove some legal non-conforming user.

I recommend that <sup>Planning</sup> ~~an~~ electrical sign-off of the electrical permit be withheld until such time as someone convinces us that the users are legal or legalizes them.

M.H.



# Royal Petroleum Company

1501 Petaluma Boulevard South

Petaluma, California 94952

Phones: 707/763-1521, 707/545-2136, 415/454-4066

June 10 1985

Sonoma County Planning Dept.  
Board of Zoning Adjustments

Regarding the Clinton and Patricia  
Gow property at the corner of McNamee  
Bend North and Corona Road, Petaluma City.

I have known this property for  
over fifty (50) years. For over thirty (30)  
years I have served it with petroleum  
products and truck tires and other services.

The property has been used for  
complete commercial uses for the 50 years  
that I have known it — as a feed  
mill, hay sales and trucking operations.

This property should be zoned  
highway commercial or light industrial  
with a complete trucking operation,  
including fueling, as an allowed use.

Very respectfully

/s/ Fred McNamee



**Alliance**  
PETROLEUM CORPORATION





CLINTON GOW, INC.

Truck Repair

P. O. BOX 706, COTATI, CA 94928

Telephone (707) 795-9451

LESSEES OF CORONA PROP.  
CLINTON & PATRICIA GOW  
CORONA PROP. OWNERS.

- 2-78 DE SILVA BROS. BOAT REBUILDING, SHOP RESALE, OFFICE.  
2-78 BARBER SIGN CO. SIGN PAINTING, RESALE, SHOP.  
5-78 ROOFING UNLIMITED. TRUCKS, SHOP, RESALE, FUEL.  
5-78 ARMSTRONG CABINET. BUILDING OF CABINETS, SHOP, RESALE, OFFICE.  
6-78 FRENCHYS TRUCKING. FUEL, TRUCKS, OFFICE, FREIGHT, SCALE.  
8-78 RAWSON DRUG CO. RESALE, SHOP, STORAGE, TRUCKS.  
10-78 ASSOCIATED FREIGHT CO. FUEL, TRUCKS, LOADING DOCK, SCALE, OFFICE.  
5-79 DE CARLI & JONES. PAINTING CONT. STORAGE.  
6-79 CROWN BURL. BUILDING OF BURLS, TRUCKS, RESALE, OFFICE.  
2-79 RALPH TIEMANN. SHEET ROCK SUPPLY, RESALE, STORAGE.  
7-79 LOONIX INC. STORAGE OF TANKS, FUEL, TRUCKS.  
1-80 NEW ERA FARM. TRUCKS, SCALE, FUEL.  
8-81 ROBERT VELLOZA. TRACTOR REPAIR, TRUCK REPAIR.  
2-82 JERRY GREENE. STORAGE. TRUCKS.  
2-83 AMERICAN TOW. STORAGE. OFFICE.  
7-83 B & H TRANSPORT. FUEL, TRUCKS, REPAIR SHOP, OFFICE, SCALE.  
7-83 SORSENE TRUCKING. DICK SHOEN. TRUCKS, OFFICE, FUEL, SCALE.  
7-83 BILL TOMROSE TRUCKING. TRUCKS, SCALE, SHOP, FUEL.  
ROYAL PETROLEUM HAS THE FUEL AND GAS.  
SCALE IS USED BY NEW ERA FARM.



÷ LEGEND ÷

 OPEN GRAZING LAND

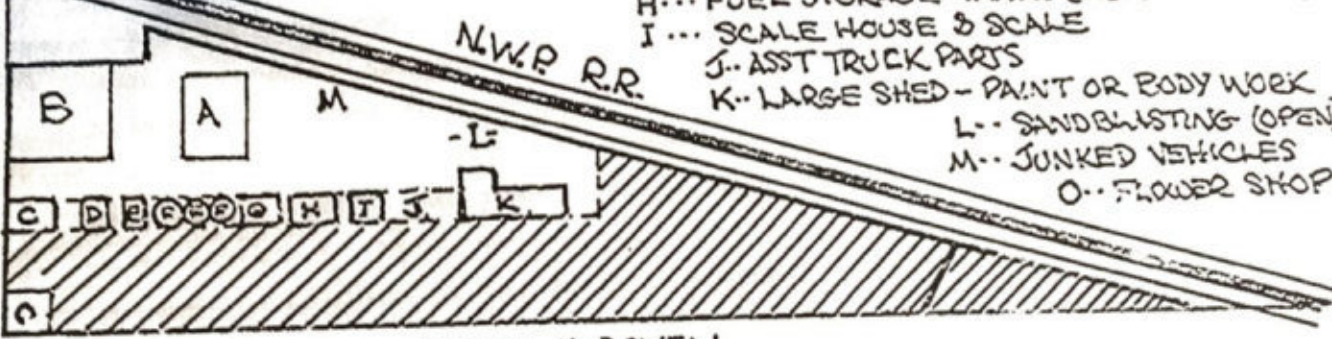
- A... 1981 FIRE STEEL STRUCTURE STANDING
- B... 1984 FIRE... LEVEL GROUND
- C... OFFICE BUILDING
- D... SHED
- E... TRUCK SHOP
- F... TWO STEEL - ONE WOODEN TANKS (E)
- G... PUMP HOUSE & FUEL PUMPS
- H... FUEL STORAGE TANKS (ABOVE GROUND)
- I... SCALE HOUSE & SCALE
- J... ASST TRUCK PARTS
- K... LARGE SHED - PAINT OR BODY WORK
- L... SANDBLASTING (OPEN)
- M... JUNKED VEHICLES
- O... FLOWER SHOP

CORONA ROAD

CORONA

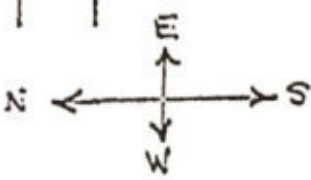
N.W.P. R.R.

NORTH McDOWELL



YOUNGSTOWN

PETALUMA ESTATES





# STAFF REPORT - BZA



## SONOMA COUNTY DEPARTMENT OF PLANNING

FILE: AB 85-11467 375 Administration Dr., Room 103A, Santa Rosa, California 95401 (707) 527-2412

DATE: April 25, 1985

TIME: 3:20 p.m.

STAFF: Debra Watts

July 1983 - Belcatari + Holmes started  
6/13/85 4:00 P.M. Appeal Period: 12 days  
DN: SR114.67

HEIMTASH SUMMARY NANCY-BLUME WM-ADAMS  
Clinton Gow PAUL ERNEST EPPING

Owner: Clinton Gow

Location: 320 Corona Road, Petaluma  
APN 137-060-23 Supervisorial District No. 3

Subject: To consider abatement of several continuing violations of Chapter 26 of the Sonoma County Code: illegal truck terminal including scales and refueling pumps, illegal auto repair and body work including spray painting, non-operative vehicle storage yard, illegally occupied trailer or recreational vehicle, illegal junkyard, and illegal retail flower sales.

General Plan: Cities

Specific Plan: Sonoma Mountain Study

Land Use: Cities

Zoning: A1-B6 (Primary Agricultural, 10 acre density, 2 acre minimum)

Ordinance Reference: Sections 26-27 and 26-28

RECOMMENDATION: That the Board of Zoning Adjustments find the current uses of the property to be a continuing violation of Chapter 26 of the Sonoma County Code and order abatement within a time certain.

### ANALYSIS

#### Background:

In June, 1983, Staff received the first complaint on this property with regard to a towing service (American Towing) and the storage of wrecked vehicles. The property owner was notified of the violation and given a time certain to relocate the use.

In August, 1983, the owner filed a General Plan Consistency Application proposing a rezoning to "C3" which was found inconsistent by Staff and then appealed to the Planning Commission. No enforcement action was taken pending the results of the appeal. The Planning Department's determination was upheld by the Planning Commission.

In August of 1983, the old feed mill was destroyed by fire and the request for an electrical permit sign-off prompted Staff to commence an investigation.

An inspection on August 31, 1983, revealed that the old feed mill building had been used for commercial warehousing. Several other illegal uses were observed including a truck terminal, an occupied trailer, and numerous non-operative vehicles and junk. It was suggested to the operator of the trucking operation that he file a use permit



application as an agricultural processing facility so that the Board of Zoning Adjustments could make a determination about whether or not the handling of hay is considered agricultural processing. It was indicated that the Planning Department would not support this facility as an agricultural processing facility, but that he had the right to apply to clear the violation. The operator did not file the application with the Planning Department.

On March 20, 1985, Staff contacted the property owner by letter requesting an appointment to discuss the various violations. There was no response.

Staff has continued to receive very aggravated complaints from citizens and the City of Petaluma about this site. Most recently a small building was constructed on the corner from which flower sales are being conducted. All work has been done without permits. The Building Inspection Department posted a "Stop Work" for hazardous electrical wiring used for a refrigeration unit within the small building. The occupant has ignored "Stop Work Notices" from both the Building and Planning Departments.

As a result, this matter was scheduled for hearing. The property was posted April 10, 1985, and the owner notified by certified letter April 12, 1985.

Site Analysis:

This is a 9.27 acre triangular parcel located at the northeast corner of McDowell and Corona Roads just outside the city limits of Petaluma. There are several large buildings on the property including an office used by Balesteri and Holmes. The old feed mill building located on Corona Road was destroyed by fire last year. There is a scale, scale office, and refueling pumps used by Balesteri and Holmes Trucking and apparently by other truckers as well. The parcel is accessible from Corona Road.

Surrounding Land Use and Zoning:

The surrounding land uses are Urban Area to the east and Agricultural and Residential to the north. The surrounding lands are zoned Primary Agricultural and Exclusive Agricultural and is contiguous to the Petaluma City Limits.

DISCUSSION OF ISSUES

The uses have changed and increased over the last two years. The following are existing and found not to be permitted under the A-1 zoning:

1. Truck Terminal:  
Balesteri and Holmes Transportation are hay haulers; however, there is no hay storage or other agricultural processing on-site, therefore, the use meets the definition of a truck terminal and is not a permitted use.

2. Auto Repair and Body Work:  
Including spray painting

*paint  
junk  
only - some  
body work*

- Non-Operative Vehicle Storage Yard and Junkyard

*Shade?  
one  
car*



STAFF RECOMMENDATION

Staff recommends that the Board of Zoning Adjustments hereby find, determine, declare and order as follows:

1. That Clinton Gow is the owner of the above described real property which is located at 320 Corona Road, Petaluma, California.
2. That the above described property was zoned M by Ordinance No. 389 from 1954 to June 20, 1978, when it was rezoned A-1 by the Sonoma Mountain Study.
3. That some time before or after June 1983, the following uses were established on the above described property:
  - a) Truck Terminal ✓
  - b) Auto Repair and Body Shop ✓
  - c) Non-operative Vehicle Storage Yard
  - d) Occupied Trailer or Recreational Vehicle - *states they are gone*
  - e) Retail Flower Sales

*Trucks only paint & body shop  
? states they are there only now*
4. That no permit has ever been issued by the County of Sonoma or any of its boards, commissions or officers for the establishment of a truck terminal, auto repair and body shop, non-operative vehicle storage yard, occupied trailer or recreational vehicle, or retail flower sales at the above described property.
5. That the use of the property as a truck terminal, auto repair and body shop, non-operative vehicle storage yard, occupied trailer or recreational vehicle, and retail flower sales has continued unlawfully and in violation of Chapter 26 of the Sonoma County Code from and after its inception despite repeated requests for compliance from the Department of Planning.
6. That the owner of the above described property is hereby ordered to restore this property to a lawful state in accordance with the Ordinances of the County of Sonoma and the laws of the State of California within 30 days of the date of this hearing.
7. The Secretary is directed to comply with the notice and recording provisions of Sec. 26-210.5 (b) of the Sonoma County Code and is further directed to collect and retain, in an orderly manner, all declarations, affidavits, exhibits, photographs and other documents submitted of the proceedings.

LIST OF ATTACHMENTS

- |                           |                                     |
|---------------------------|-------------------------------------|
| EXHIBIT "A"               | - Location Map                      |
| EXHIBIT "B"               | - Surrounding Zoning                |
| EXHIBIT "C" through "C-3" | - Complaints                        |
| EXHIBIT "D" through "D-3" | - Letters from Staff                |
| EXHIBIT "E"               | - GPCR Application                  |
| EXHIBIT "F"               | - Resolution No. 9817               |
| EXHIBIT "G"               | - Report of Inspection              |
| EXHIBIT "H"               | - Draft Resolution                  |
| EXHIBIT "I"               | - Complaint Received April 17, 1985 |



## INVESTIGATION REPORT. SUPPLEMENTAL ACTIVITY LOG

DATE

FILE #B11467

4/14/88 Jameson Trucking - has left the premises - the mobilehome office was moved back to the original location. the smaller structure next to the m.H. has been removed. All violations appear to be corrected.

4/30/88 Site inspection - violations have been resolved. Close file. Request resolution recognizing compliance. Sent memo to County Counsel.



MEMO

TO: Richard Ergo  
FROM: Debbie Watts *dw*  
RE: Gow Property - 320 Corona Road, Petaluma

On April 28, 1988 I inspected the Gow property and found that the zoning violations have been resolved. We can close this case out. The illegal structure and mobile home used by Jamison Trucking have been removed. I will forward a copy of this memo to Jerry because he had a case on it also. Thanks!



## INVESTIGATION REPORT: SUPPLEMENTAL ACTIVITY LOG

DATE	FILE NB11467
2-21-87	Assistant Planning Director will allow mobilehome as office if re-located to area of previous mobilehome. Also - accessory structure next to mobilehome must be removed.
10-5-87	Rec'd complaint about occupied trailer on premises.
11-18-87	Site inspection - in addition to the mobile home office approved by the Planning Director, there is an occupied trailer next to the office structure and another mobile home that is either another office or residence.
1/26/87 (762-9694)	T/c from Barry Parkinson, attorney for Hows. Explained violations as outlined in my Dec. 17, 1987 letter. He will discuss this with the Hows and get back to me. I suggested we meet on site.
1/5/88	T/c to Barry Parkinson, attorney for How - I explained I would sign off building permit for only one m.h. office approved previously by the Planning Director (see Jim O'Connell's letter to Mahoney dated 2-20-87) - I would not sign off permit for accessory structure adjacent to m.h. office or 2nd m.h. office



SONOMA COUNTY  
PUBLIC HEALTH DEPARTMENT

3313 CHANATE ROAD  
SANTA ROSA, CALIFORNIA 95404

ROBERT L. HOLTZER, M.D.  
PUBLIC HEALTH OFFICER



Jan. 13, 1988

Harold Mahoney  
320 Corona Rd.  
Petaluma, CA 94952

Subject: Unlawful sewage discharge at 320 Corona Rd.  
AP# 137-060-23

Investigation by a representative of this department on 12-30-87, revealed that sewage was present on the surface of the ground from a malfunctioning private sewage disposal system.

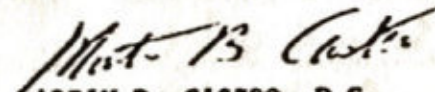
You are advised that this condition is prohibited by Chapter 7, Sonoma County Code, and Section 5411 of the California State Health and Safety Code. And also a violation of your use permit #ADA 87-265.

You are required to abate this condition within 30 days of receipt of this notice by disconnection of water to the trailer, or removal of the trailer altogether. In accordance with resolution of the Board of Supervisors, a \$50.00 violation reinspection fee will be assessed to you if reinspection at the end of the period allowed for abatement shows the violation has not been corrected. Your prompt cooperation in abating this insanitary condition will preclude the necessity of instituting legal action.

If this dwelling is a rental unit, Section 17299 of the State Revenue and Taxation Code requires this department to file a Notice of Non-Compliance with the State if the violation(s) is not corrected in the prescribed time limit. Section 17299 prohibits certain deductions from being taken as tax credits where substandard conditions have been identified and remain uncorrected.

Please telephone (707) 527-3153 between 7:00 and 9:00 a.m., Monday through Thursday, to advise the undersigned as to the action you are taking to abate this condition.

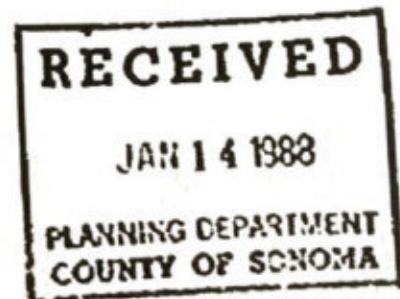
Very truly yours,

  
MARTIN B. CASTRO, R.S.  
District Sanitarian

K3C/ks

cc: Chief Building Official (NO violation)  
Supervising Sanitarian  
Debra Watts-Zoning Enforcement

1627U





RECEIVED

MAY 11 1987

PLANNING DEPARTMENT  
COUNTY OF SONOMA

BALISTRERI & HOLMES  
TRANSPORT, INC.

5-8-87

Board of Zoning Adjustment  
c/o Sonoma County Planning Dept  
575 Administration Bldg., Room 105A  
Santa Rosa, Ca. 95401

Re: AD# 87-265  
APN-137-060-23  
320 Corona Rd.  
Petaluma, Ca 94952

Dear Board Members

I've read the file regarding this case and I don't agree in good conscience with what has been stated and with what is being proposed.

My Organization, Balistreri & Holmes Transport Inc. was abated from the Corona Rd property on September 10<sup>th</sup>, 1985. The abatement letter is self explanatory.

At present there is more activity now than there was before. Mobile offices, plural, have been brought on to the property and there are also storage containers, repair facilities, lean-to's, etc. The diesel dock has been completely rebuilt since we were abated and in checking with various sources no



5-8-87

permits have been obtained for any of these activities to date.

My complaint is not with Mr. Robinson because I respect him and I feel he is a fine individual. The owners of the property, the laws, that we leased from know what was on the property.

In respect to what's happening, the property is still zoned A-1 and the statement conditions should not be altered.

I will be interested in seeing what the ultimate outcome of this situation will be come May 14<sup>th</sup>.

Sincerely,

Joe J. Balistreri

B. & H. Transport Inc.



KCG

INQUIRE BY JOB ADDRESS

11/20/86 10:46

J O B A D D R E S S I N F O R M A T I O N  
NUMBER 000320 STREET-CORONA RD  
OWNER TRUCKING (JAMISON)  
SOILS RPT

FILL

PERMIT # ISSUE DT P E R M I T I N F O R M A T I O N  
FLOOD ZONE RATE ZONE  
APR 137-060-23-2 CITY URPE PART OF N  
SUBDIVISION

PERMIT #	ISSUE DT	DESCRIPTION	TOTAL FEE	STATUS	STATUS DATE
*R 021637	09/16/68	ADDITION	.00	EXPIRED	08/ /79
*R 023068	04/14/69	TANKS/BINS	.00	EXPIRED	08/ /79
*R 023368	05/20/69	FEED BINS	.00	EXPIRED	08/ /79
*R 035757	09/21/72	SCHLE FOUNDATION	.00	EXPIRED	08/ /79
*B 034895	01/05/79	ELEC MISC	.00	EXPIRED	08/ /79
V 109629	10/14/86	BUILDING W/O PERMITS	.00	ACTIVE	10/14/86
B 074876	11/10/86	UPGRADE ELECTRIC	33.00	ACTIVE	11/10/86

KEYWORD P2

JOB ADDRESS: NUMBER

OWNER STREET

PERMIT# CITY

DATE



**CHUCK (CHUCK) BARBERA**  
Realtor

2245 Montgomery Drive  
Santa Rosa, California 95405

Office: (707) 523-3000  
Residence: (707) 433-7140



Realtors

**RECEIVED**

**NOV 04 1985**

**PLANNING DEPARTMENT  
COUNTY OF SONOMA**

October 31, 1985

Debra Watts  
Department of Planning  
575 Administration Dr.  
Santa Rosa, Ca. 95401

Dear Debra,

My name is Chuck Barbera and I am a Realtor with Frank Howard Allen in the Montgomery Dr. office. Mr. Jack Balistreri asked me to write this letter explaining that we are actively looking for a new location for his operation.

I hope you can appreciate some of the difficulties we are encountering due to the nature of Mr. Balistreri's business. There are requirements of lot size due to the number and size of his trucks and a square footage requirements of a building due to the other activities of his business.

There are currently a couple of properties we have found that will suit his operation, but so far we have not been able to run down the owners to inquire about the possibility of a lease or purchase, however we have not given up. We are continuing to persue any other property we think will work.

If you have any questions as to our progress, please do not hesitate to call.

Cordially,

Chuck Barbera

- ADMINISTRATION**  
511 Sir Francis  
Drake Blvd.  
Suite 204  
Greenbrae 94904  
(415) 451-3449
- ACCOUNTING**  
511 Sir Francis  
Drake Blvd.  
Suite 202  
Greenbrae 94904  
(415) 451-9211
- GREENBRAE**  
505 Sir Francis  
Drake Blvd. 94904  
(415) 451-3000
- KENTFIELD / ROSS**  
636 College Ave  
P.O. Box 655 94014  
(415) 451-2900
- MILL VALLEY**  
355 Miller Ave.  
317 Miller Ave.  
P.O. Box 877 94012  
(415) 355-2900
- NOVATO**  
945 First Street  
P.O. Box 755 94915  
(415) 897-3300
- SAN ANSELMO**  
420 Red Hill Ave.  
P.O. Box 6 94960  
(415) 454-3000
- SAN RAFAEL**  
Fifth and Irving  
P.O. Box 3529 94912  
(415) 455-3000
- SANTA ROSA**  
537 College Ave. 95404  
(707) 526-3000
- SANTA ROSA**  
2245 Montgomery  
Drive 95405  
(707) 523-3000
- TIBURON**  
1550 Tiburon Blvd.  
P.O. Box 1929 94920  
(415) 435-3111
- RELOCATION  
SERVICES**  
1650 Northgate One  
Suite 1  
San Rafael 94903  
(415) 479-2556

OUT OF STATE  
TOLL FREE  
(800) FHA-5000



Resolution No. 10065  
June 13, 1985

Sonoma County Administration Building  
Santa Rosa, California

AB 85-11467

RESOLUTION OF THE BOARD OF ZONING ADJUSTMENTS, COUNTY OF SONOMA, STATE OF CALIFORNIA, FINDING SPECIFIC USES TO BE A LEGAL NON-CONFORMING USE AND ORDERING ABATEMENT OF A CONTINUING VIOLATION LOCATED AT 320 CORONA ROAD, PETALUMA, CALIFORNIA

WHEREAS, the Sonoma County Board of Zoning Adjustments met to consider abatement of certain uses including

- 1) truck terminal with scales and refueling pumps,
- 2) sandblasting and painting of trucks and equipment,
- 3) storage of non-operative vehicles,
- 4) retail flower sales,
- 5) storage of cargo containers, and

WHEREAS, in accordance with the provisions of law, the Sonoma County Board of Zoning Adjustments did conduct a public hearing in this matter at which time all interested persons were given an opportunity to be heard thereon,

NOW THEREFORE BE IT RESOLVED that this Board of Zoning Adjustments does hereby find, that the property located at 320 Corona Road, Petaluma, California, APN 137-060-23, has a legal nonconforming use for:

- upheld*
- 1) the parking of trucks not to exceed more than 30,
  - 2) the fueling and scales for trucks not to expand beyond the current operation.
  - 3) Routine maintenance of the trucks parked on-site not to include major overhauls or bodywork, and

That the following uses are considered to be a continuing violation of Chapter 26 of the Sonoma County Code and ordered abated within 60 days of the date of this hearing:

- upheld  
by  
Hartwig*
- 1) loading and unloading of trucks,
  - 2) storage of cargo containers,
  - 3) storage of non-operative vehicles,
  - 4) sandblasting and painting of trucks and equipment,
  - 5) repair other than routine maintenance of trucks, and
  - 6) retail flower sales.



INVESTIGATION REPORT: SUPPLEMENTAL ACTIVITY LOG

DATE

FILE AB 85-11467

6-7-85

Field inspection - three trucking operations including Balesteri -

- sandblasting } trucks +
- painting } storage units
- bodywork } trucks + cars
- non-operative vehicles
- retail flower sales
- no. hay or other ag storage

Truck Journal - includes bottom dumps

- 13-85

BZA found certain used legal non-conforming & ordered abatement of others (See Resolution)

- 10-85

Board of Supervisors upheld BZA (See Resolution)



From: Shelly Blanche-Williamson  
To: Lingafeldt, Nancy  
Date: 06/01/2005 11:44:56 AM  
Subject: PETALUMA ANNEXATION - APN 137-061-019

Nancy,

Annexation occurred in 1990 (I suspect Summer-Fall) and the Petaluma City TRA of 3-066 took effect in FY 91-92.

The APN has gone through several historical changes which I have provided below:

137-060-014 (original APN)

To

137-060-023 (APN change date unknown)

To (Note: right in here is when the annexation occurred)

137-060-070 (4-15-91)

To

137-060-098 (3-21-94)

To

137-061-019 (8-23-94; block number effective FY 95-96)

*Per your information, PRMD started tracking annexations July 1999. Therefore, the subject parcel annexation would not be displayed within the Permits Plus System.*

Should you have further question or concerns regarding this matter, please feel free to send me an e-mail and I will follow-up.

My best,

Shelly

# PERMIT RECORD

STREET ADD. 320 Colorado

COUNTY ASSESSOR'S  
PARCEL NUMBER

LOT          SUBDIV.          ZONING DIST. FIRE ZONE OCCUP.

TYPE OF PERMIT	PERMIT NO.	PLAN NO.	DATE ISSUED	REMARKS
P	4185		6-3-80	✓ 6-1-80 Final OK Claims + gas Meter set

PERMIT DESIGNATION: B - BUILDING          E - ELECTRICAL          U - USE PERMIT          HM - HOUSE MOVING  
P - PLUMBING          V - VARIANCE  
T - TRAILER          H - HEATING





**CITY OF PETALUMA**  
BUILDING INSPECTION DEPARTMENT

Post & English Sts.  
Petaluma, California 94952  
(707) 763-2613 Ext. 35

PERMIT NO 4185-2045 A

BUILDING ELECTRICAL MECHANICAL <input checked="" type="checkbox"/> PLUMBING GRADING BLDG SURVEY DEMOLISH MOVING	JOB ADDRESS <u>320 CORONADO</u>		SUBDIVISION		LOT	
	OWNER <u>H.D. VICKERS</u>		ADDRESS <u>845 CRINELLA</u>		TELEPHONE <u>763-1983</u>	
	CONTRACTOR		ADDRESS		TELEPHONE	
	CITY BUSINESS LIC.	STATE LIC.	ARCH./BLD. DESIGNER		TELEPHONE	
	ENGINEER	TELEPHONE	LENDER	APN		
NEW <input checked="" type="checkbox"/> STD	FLOOR AREA	VALUATION	GROUP	MAX OCC.	TYPE	BEDROOMS
ADDN <input type="checkbox"/> DUPLX	GARAGE AREA	ZONING	FIRE ZONE	STORIES	PERMIT APPROVED FOR ISSUANCE	
ALTER <input type="checkbox"/> APT.		USE PERMIT	DESIGN REVIEW	URC ED.	BY _____ DATE _____	
REPAIR <input type="checkbox"/> COM					BY _____ DATE _____	

PROPOSED WORK REMARKS:  
gas line test

BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

**MINIMUM OF 24 HOUR NOTICE FOR INSPECTION - CALL (707) 763-2613 EXT 35**

TYPE OF INSPECTION	DATE	INSPECTOR	TYPE OF INSPECTION	DATE	INSPECTOR
FOUNDATION			GAS TEST <input checked="" type="checkbox"/>		
UNDER FLOOR SLAB ELEC.			SEWER CONNECTION		
UNDER FLOOR SLAB MECH.			ELECTRICAL SERVICE		
UNDER FLOOR SLAB PLUMB.			GAS APPLIANCE		
UNDER FLOOR			BUILDING SURVEY		
ELECTRIC ROUGH					
MECHANICAL ROUGH					
PLUMBING ROUGH			ELECTRICAL FINAL		
FRAME ROUGH			PLUMBING FINAL		
LATH OUTSIDE WOOD SIDING			MECHANICAL FINAL		
INSULATION			BUILDING FINAL		
WALLBOARD			GRADING FINAL		
MASONRY FIREPLACE					

I hereby certify and agree that all Ordinances of the City of Petaluma and the State of California will be complied with whether herein stated or not.

H.D. Vickers 6-3-80  
APPLICANT SIGNATURE DATE

DATE OF PERMIT ISSUANCE: \_\_\_\_\_ PLAN REVISIONS BY: \_\_\_\_\_

SCREENS COMPLETED FILED EXPIR. DATE: \_\_\_\_\_

PERMIT FEE INCLUDES SEISMIC, MICROFILM AND OTHER FEES AUTHORIZED BY CITY ORDINANCE.

BUILDING INSPECTION DEPARTMENT DATE

BY: X [Signature] 6-3-80

ELECTRICAL	
MECHANICAL	
PLUMBING	
SEWER	
SCREENS	
PLAN SET	
MICROFILM	
SEALER	
DEV. FEE	
TOTAL	<u>172.00</u>

ALL FEES VALIDATED ON THIS IS YOUR PERMIT

6-3-80



P. G. & E. NOTIFICATION

INSPECTOR Adams

DATE OF FINAL 6/7/80

GAS

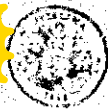
ELECTRIC

P.G. & E. REPRESENTATIVE Bob D.  
(Name of Employee)

ADDRESS OF SERVICE:  
370 Coronado

DATE OF NOTIFICATION:  
6/7/80

Victoria Ps



**CITY OF PETALUMA**  
**BUILDING INSPECTION DEPARTMENT**

Post & English Sts.  
 Petaluma, California 94952  
 (707) 763-2613 Ext. 35

PERMIT NO. **4185 20**

BUILDING ELECTRICAL MECHANICAL <input checked="" type="checkbox"/> PLUMBING GRADING BLDG SURVEY DEMOLISH MOVING	JOB ADDRESS <b>330 CORONADO</b>	SUBDIVISION <b>845 CRINGELLA</b>		LOT
	OWNER <b>H.D. VICKERS</b>	ADDRESS	TELEPHONE <b>763-198</b>	TELEPHONE
	CONTRACTOR	ADDRESS	TELEPHONE	TELEPHONE
	CITY BUSINESS LIC. STATE LIC.	ARCH. BLDG. DESIGNER	TELEPHONE	TELEPHONE
ENGINEER	TELEPHONE	LENDER	APN	

NEW <input checked="" type="checkbox"/> SFD	FLOOR AREA	VALUATION	GROUP	MAX. G.C.	TYPE	BEDROOMS
ADDN <input type="checkbox"/> DUPLEX			FIRE ZONE	STORIES	PERMIT APPROVED FOR ISSUANCE	
ALTER <input type="checkbox"/> APT.	GARAGE AREA	ZONING	PERMITS	DESIGN REVIEW	BY _____ DATE _____	
REPAIR <input type="checkbox"/> COMM.			PERMITS	DESIGN REVIEW	BY PLANNING DEPT. _____ DATE _____	
				DESIGN REVIEW	BY FIRE DEPT. _____ DATE _____	

PROPOSED WORK - REMARKS:  
*gas line test*

MINIMUM OF 24 HOUR NOTICE FOR INSPECTION - CALL 707/763-2613 EXT 35						
TYPE OF INSPECTION		DATE	INSPECTION	TYPE OF INSPECTION		INSPECTOR
FOUNDATION				GAS TEST <input checked="" type="checkbox"/>	6-4-80	<i>[Signature]</i>
UNDERFLOOR SLAB	ELEC.			SEWER CONNECTION		
UNDERFLOOR SLAB	MECH.			ELECTRICAL SERVICE		
UNDERFLOOR SLAB	PLUMB.			GAS APPLIANCE		
UNDERFLOOR				BUILDING SURVEY		
ELECTRIC ROUGH						
MECHANICAL ROUGH						
PLUMBING ROUGH				ELECTRICAL FINAL		
FRAME ROUGH				PLUMBING FINAL	6-4-80	<i>[Signature]</i>
LATH OUTSIDE & OOD SIDING				MECHANICAL FINAL		
INSULATION				BUILDING FINAL		
WALLBOARD				GRADING FINAL		
MASONRY / FIRE PLACE						

I hereby certify and agree that all Ordinances of the City of Petaluma and the State of California will be complied with whether herein stated or not.

*[Signature]* **6-3-80**  
 APPLICANT'S SIGNATURE DATE

PLAN RECEIVED BY: \_\_\_\_\_

PERMIT FEE INCLUDES SEISMIC, MICROFILM AND OTHER FEES AUTHORIZED BY CITY ORDINANCE.

BUILDING INSPECTION DEPARTMENT

BY: *[Signature]* **6-3-80**

SEWER		
ELECTRICAL		
PLUMBING		
BUILDING		
GRADING		
TOTAL	12.00	

WHEN VALIDATED THIS IS YOUR PERMIT









ATTENTION  
 If the image of this document appears less sharp than this notice, it is due to the quality of the original.

Permit No. **9338**

INSPECTOR'S COPY - MAIL TO CENTRAL PERMIT BUREAU  
 CITY OF PETALUMA - PUBLIC WORKS DEPT. **9365**  
 APPLICATION & PERMIT TO INSTALL  
**PLUMBING AND HEATING**

This permit is valid, and the partial fee paid for it is returned, if it is returned after  
 JUNE 15, 19\_\_

Location of Work: **328 Corcoran**  
 Type of Occupancy: RES.  COMM.  INDUS.   
 Owner's Name: **Ortohem**  
 Contr. Name: **Pet. Pump & Well**  
 Date: **10/3/64**

DESCRIPTION OF WORK - SHOW NUMBER OF EACH

Appliances, Gas	Furnaces	Septic Tanks	Back-Flow Protective Device
Appliances, Oil Burner	Heater, Water	Sewer, House	OTHER
Appliances, Water Using	Outlets, Gas	Showers	
Bath Tubs	Piping, Gas	Sinks	
Drains	Piping, Water	Swim Pools	

Permission to install work indicated herein, in accordance with ordinances of the City of Petaluma and the California State Housing Act and Labor Code is granted.

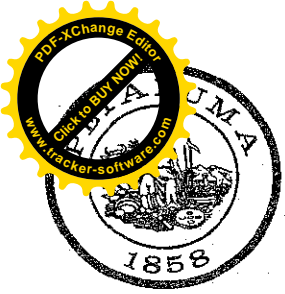
CALL FOR INSPECTION ON THE FOLLOWING:

APPROVED	DATE
PARTIAL ROUGH	
COMPLETE ROUGH	
FINAL	

Total Fee Paid \$ **3.00**

No. 11.1





# CITY OF PETALUMA

POST OFFICE BOX 61  
PETALUMA, CA 94953-0061

E. Clark Thompson  
Mayor

4-17-01

Janice Cader-Thompson  
Jane Hamilton  
Michael Healy  
David Keller  
Matt Maguire  
Pamela Torliatt  
Councilmembers

Larry Drew Backhoe Service, Inc.  
1000 Corona Rd.  
Petaluma, Ca 94954

RE: Permit No. 98001604, 320 Corona Rd.

Dear Larry Drew Backhoe Service, Inc:

Our records indicate that the prior owner and/or contractor was issued the above-referenced building permit. A review of the permit file revealed that the work has not been inspected for over 180 days and technically by code the permit has expired. We are giving you this last opportunity to final the permit(s):

<u>Permit No.</u>	<u>Project</u>	<u>Date Issued</u>	<u>Last Inspected</u>
98001604	hookup to city sewer	6/18/98	never

We would like to validate the work performed under the above permit(s). Please call (707) 778-4302 to request and schedule an inspection or provide your records to us showing that inspections have been performed and the permit has been finalized. You may do this by: 1) mailing a copy of the permit, 2) faxing a copy, or 3) by bringing a copy to the Building Division Office. Our intent is to final this permit if at all possible. Otherwise we will have no choice but to expire your permit as required by the Uniform Building Codes and Petaluma Municipal Code. It is not our intent to grant an extension. If we do not hear from you within 10 working days, from the date of this letter, the permit will be officially expired and become null and void. Our records will indicate that the work was built without a finalized permit.

Should we expire your permit and if you want to resume the project, you will need to submit a new application with plans, specifications, structural calculations, and energy calculations (if applicable) showing compliance to the current Uniform Building Codes and Municipal Code and pay full and current permit fees.

Do not hesitate to contact our office with any questions you may have. Our first intention is to finalize these permits and assist you in that process. When calling this office to schedule an inspection, please make reference to this letter. **Please call Bob Berna or Janet Leali at (707) 778-4302 for information.**

Community Development  
Department  
11 English Street  
Petaluma, CA 94952

Planning Division  
Phone (707) 778-4301  
Fax (707) 778-4498  
E-Mail  
planning@ci.petaluma.ca.us

Building Division  
Phone (707) 778-4302  
Fax (707) 778-4498  
E-Mail  
building@ci.petaluma.ca.us

Housing Division  
Phone (707) 778-4301  
Fax (707) 778-4498  
E-Mail  
housing@ci.petaluma.ca.us







Note that you will need to show/have available for the Field Inspector, at the time of inspection, the inspection card portion of the permit and the jobsite approved plans. If the job card and/or plans are not available, please indicate when requesting an inspection so we can bring a copy of the permit and the office copy of the approved plans.

Sincerely,

Bob Berna  
Chief Building Official

c: BB/rf  
Building Address File  
Recall 5-1-01  
JL

98001604  
320corona

APPLICANT: COMPLETE DATA WITHIN SHADED AREA

710 N. ARDOWELL BLVD  
 320 CORONA ROAD  
 OWNER NAME: Clinton & Patricia Gow (916) 667-4863  
 MAILING ADDRESS: 1000 CORONA ROAD PETALUMA CA 94954-744

SUBDIVISION/TENANT: M-I 30NINGS  
 LOT #/SUITE: 332  
 RECEIVED BY: 6/18/98  
 DATE: 6/18/98  
 APN: 137-061-07-000  
 PERMIT NO: 98001604

ARCHITECT/DESIGNER: NONE  
 LICENSE NO.: NONE  
 PHONE: NONE

MAILING ADDRESS: PO BOX 808 TULE LAKE, CA 96134-0808  
 CITY: TULE LAKE  
 STATE: CA  
 ZIP: 96134-0808

ENGINEER: NONE  
 LICENSE NO.: NONE  
 PHONE: NONE

MAILING ADDRESS: NONE  
 CITY: NONE  
 STATE: NONE  
 ZIP: NONE

FOR CITY USE ONLY: C00782  
 CITY LIST NO.: 98  
 SUB-LIST REC'D DATE: NONE

DECK AREA: NONE  
 GROUP: B  
 TYPE: 1st  
 BEDROOMS: 4  
 UBC: 911  
 NEC: 93

CONTRACTOR: LARRY DREW BACKHOE SERVICE INC 762-3411  
 MAILING ADDRESS: 1000 CORONA ROAD PETALUMA CA 94954  
 CITY: PETALUMA  
 STATE: CA  
 ZIP: 94954

PROPOSED WORK: Hook up to existing sewer to city sewer

I hereby affirm under penalty of perjury that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

LICENSE CLASS: "A"  
 STATE LICENSE NUMBER: 501545  
 EXPIRES: 11-30-98

CONSTRUCTION LENDING AGENCY: NONE  
 LENDER NAME: NONE  
 MAILING ADDRESS: NONE  
 CITY: NONE  
 STATE: NONE  
 ZIP: NONE

**OWNER-BUILDER DECLARATION**

I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

I am exempt under Sec. \_\_\_\_\_, B. & P.C. for this reason: \_\_\_\_\_

MINIMUM OF 24 HOUR NOTICE FOR INSPECTION-CALL (707) 778-4479

	PERMIT APPROVAL	CONDITIONAL APPROVAL	DATE
ENGINEERING			
PUBLIC WORKS			
CONSULTANT			
FIRE			
EDD			
PLANNING			
HEALTH			
PC / SPARG EXP DATE			

**WORKERS' COMPENSATION DECLARATION**

I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: STATE FUND  
 Policy Number: 315-483-97  
 Exp: 10-1-98

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: 6-18-98 Applicant: Larry Drew Secretary Insurance

CONDITIONS	RECEIPT #	DATE	LESS PREPAID FEES	TOTAL DUE
BUILDING				
PLAN CHECK				
FIRE DEPT. PLAN CHECK				
INCREMENTAL				92.0
CSIF				
ENERGY				
ELECTRICAL				
MECHANICAL				
PLUMBING				30.00
GRADING				
BUILDING SURVEY				
MICROFILM				
PARK/DWELLING				
MINER/MINER				
SUBTOTAL				
RECEIPT #				
DATE				
LESS PREPAID FEES				
TOTAL DUE				396.20

**OWNER-BUILDER INFORMATION**

An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified. For your protection you should be aware that as "owner-builder" you are the responsible party of record on such a permit. Building permits are not required to be signed by property owners unless they are personally performing their own work. If your work is being performed by someone other than yourself, you may protect yourself from possible liability if that person applies for the proper permit in his or her name. Contractors are required by law to be licensed and bonded by the State of California and to have a business license from the city or county. They are also required by law to put their license number on all permits for which they apply.

If you plan to do your own work, with the exception of various trades that you plan to subcontract, you should be aware of the following information for your benefit and protection:

If you employ or otherwise engage any persons other than your immediate family, and the work (including materials and other costs) is \$200 or more for the entire project, and such persons are not licensed as contractors or subcontractors, then you may be an employer. If you are an employer, you must register with the state and federal government as an employer and you are subject to several obligations including state and federal income tax withholding, federal social security taxes, workers' compensation insurance, disability insurance costs, and unemployment compensation contributions.

There may be financial risks for you if you do not carry out these obligations, and these risks are especially serious with respect to workers' compensation insurance.

For more specific information about your obligations under federal law, contact the Internal Revenue Service (and, if you wish, the U.S. Small Business Administration). For more specific information about your obligations under state law, contact the Department of Benefit Payments and the Division of Industrial Accidents.

If the structure is intended for sale, property owners who are not licensed contractors are allowed to perform their work personally or through their own employees, without a licensed contractor or subcontractor, only under limited conditions.

A frequent practice of unlicensed persons posing as contractors is to secure an "owner-builder" building permit, erroneously implying that the property owner is providing his or her own labor and material personally. Building permits are not required to be signed by property owners unless they are performing their own work personally.

Information about licensed contractors may be obtained by contacting the Contractors' State License Board in your community or at 1020 N. Street, Sacramento, California 95814.

Please complete the owner-builder verification form so that we can confirm that you are aware of these matters. The building permit will not be issued until the verification is received.

DEMO BOND AMT: NONE  
 RECEIPT #

DATE ISSUED: 6/18/98  
 BUILDING DIVISION: 810 6/18/98  
 APPROVED FOR ISSUE: 6/18/98  
 FINAL INSPECTION: 6/23/98

**OWNER-BUILDER VERIFICATION**

An "owner-builder" building permit has been applied for in your name and bearing your signature.

Please complete and return this information at your earliest opportunity to avoid unnecessary delay in processing and issuing your building permit. No building permit will be issued until this verification is received.

1. I personally plan to provide the major labor and materials for construction of the proposed property improvement (yes or no) \_\_\_\_\_

2. I have/have not \_\_\_\_\_ signed an application for a building permit for the proposed work

3. I have contracted with the following person (person) to provide the proposed \_\_\_\_\_

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_ City: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Contractors License No: \_\_\_\_\_

4. I plan to provide portions of the work, but I have hired the following person to coordinate, supervise, and provide the \_\_\_\_\_

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_ City: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Contractors License No: \_\_\_\_\_

5. I will provide some of the work but I have contracted (hired) the following persons to provide the work indicated.

Name: \_\_\_\_\_ Address: \_\_\_\_\_ Phone: \_\_\_\_\_ Type of work: \_\_\_\_\_

DEVELOPER: NONE

MUST BE PAID PRIOR TO FINAL INSPECTION

PAID \$: 2,550.00  
 DATE: 6/18/98

Signed: \_\_\_\_\_  
 Property owner: \_\_\_\_\_  
 Date: \_\_\_\_\_

19832. Transmittal by mail of notice and verification to property owner. Return of verification as condition precedent to issuance of permit. City or county, whether general law or charter, shall transmit the notice required pursuant to Section 19832.1 by mail to the property owner. The notice shall be transmitted to the owner-builder building permit or may provide the notice of the application in person to the person responsible for the building permit only if that person presents identification sufficient to identify himself or herself as the property owner. The return of the owner-builder verification shall be a condition precedent to the issuance of the building permit.

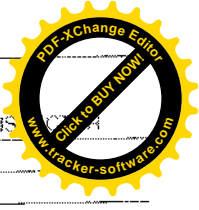
However, no city or county or its employees shall be responsible for determining the truth or accuracy of the declarations in the owner-builder verification, and no immunity shall be granted to any city or county or its employees on the basis of their failure to verify the truth or accuracy of the declarations.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-referenced property for inspection purposes. I (we) further agree to save, indemnify and keep harmless the City of Petaluma against liabilities, judgments, costs and expenses which may in any way accrue against said city in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Dept. This permit does not constitute approval of any violation of the above-referenced provisions nor of any state or city ordinance.

**THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS OR IS ABANDONED FOR 180 DAYS OR MORE, AS PER UNIFORM BUILDING CODE.**

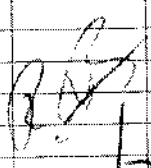
SIGNATURE: X Larry Drew Secretary Insurance  
 PRINT NAME: X Larry Drew  
 DATE: 6-18-98





BUILDING ADDRESS

TYPE OF INSPECTION	DATE	INSPECTOR	TYPE OF INSPECTION	DATE	INS
TEMP. POWER POLE & MTR AUTH			FINAL		
			BUILDING		
			ELECTRICAL		
SETBACKS			GFI		
			PLUMBING		
PIER HOLES AND/OR REBAR			MECHANICAL		
FOUNDATION FORMS & REBAR			FINISH GRADING		
FOOTING			GRADING BOND		
RETAINING WALL & REBAR			FENCE		
SEWER CONNECTION			RE-ROOFING		
WATER SERVICE CONNECTION			DEMOLITION		
SLAB REINFORCEMENT			FIRE		
UNDER SLAB PLUMBING			ENGINEERING-ROUGH GRADING		
UNDER SLAB ELECTRICAL			PLANNING		
			HEALTH		
			BUILDING SURVEY		
UNDER FLOOR-FRAME					
PLUMBING			POOL SETBACKS		
MECHANICAL			POOL EXCAVATION		
ELECTRICAL			POOL REINFORCING		
			PRE-GUNITE		
			POOL BONDING		
ROUGH-FRAME			DECK BONDING		
ELECTRICAL			PRE-PLASTER		
MECHANICAL			GROUNDING/CONTINUITY		
PLUMBING			ELECTRICAL		
			GAS TEST & PIPING		
INSULATION-UNDER FLOOR			PIPING (POOL) 35 PSI/ 15 MIN		
CEILING			HEATING (TITLE #24)		
WALLS			POOL COVER		
			6 FT. POOL ENCLOSURE		
SHEAR NAILING			GFI		
INTERIOR			POOL FINAL		
EXTERIOR					
HOLD DOWNS					
WALL BOARD			PRE-FABRICATED HOMES		
			FOUNDATION		
ROOF SHEATHING			PLUMBING		
ROOFING			ELECTRICAL		
			STAIRS/LANDING		
WALL BOARD NAILING			GROUNDING/CONTINUITY		
LATH OUTSIDE/WOOD SIDING					
STUCCO-SCRATCH/BROWN					
			SIGN FOUNDATION		
MASONRY			SIGN/WIRING		
			SIGN FINAL		
GROUTING					
TILT UP WALL REINFORCEMENT					
FIRE SPRINKLER SYSTEM					
SUSPENDED CEILING					
TEMP GAS AND METER AUTH.					
TEMP ELECT AND METER AUTH.					
ELEC. METER FINAL AUTH.					
ELECTRICAL GROUNDING					
GAS TEST					
GAS METER FINAL AUTH.					

  
 2/3/99

FOR INSPECTION REQUESTS CALL  
 (707) 778-4479  
 ALL WORK REQUIRES A FINAL INSPECTION



BLDG NO. 300  
 SUBDIVISION/TENANT: 300 Coronado Rd  
 LOT #  
 RECEIVED BY: 6/17 DATE: 4/23/93  
 OWNER NAME: Petaluma Valley Corp Sigsbee  
 PHONE (H) (O): 545-1810  
 APN #: 137-060-70  
 MAILING ADDRESS: PO BOX 4258 Santa Rosa CA 95402  
 ARCHITECT/DESIGNER: LICENSE NO. PHONE  
 MAILING ADDRESS: CITY STATE ZIP  
 ENGINEER: LICENSE NO. PHONE  
 MAILING ADDRESS: CITY STATE ZIP  
 CONTRACTOR: JAC, Inc. City Lic No. PHONE: (707) 582-2940  
 MAILING ADDRESS: 4749 Bonanza Dr, Ste L Livermore CA 94550

PERMIT NO. 9300  
 BUILDING ADDRESS: [Vertical text on right edge]  
 BUILDING TYPE:  BUILDING  ELECTRICAL  MECHANICAL  PLUMBING  GRADING  SIGN  
 BLDG SURVEY  MOVE BLDG  DEMOLITION  POOL  RE-ROOF  FENCE  
 NEW  ADDITION  ALTERATION  REPAIR  ACCESSORY BLDG.  RESIDENTIAL  
 ASF  DSF  DUPLEX  APT  CONDO  COMMERCIAL  
 FLOOR AREA: 7150 VALUATION: CC 9300/136  
 GARAGE AREA: MAX OCC: STORIES:  
 DECK AREA: GROUP: TYPE: BEDROOMS: UBC: 91 NEC: 90  
 PROPOSED WORK: A Much sub division directional panel in top portion on existing brick structure

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.  
 LICENSE CLASS: 61/D42 C45 STATE LICENSE NUMBER: 482116 EXPIRES: 11/19/94  
 SIGNATURE: [Signature] DATE: 4/23/93

CONSTRUCTION LENDING AGENCY. I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued. (Sec 3097, Civ. C)  
 LENDER NAME: [Blank]  
 MAILING ADDRESS: CITY STATE ZIP

**OWNER-BUILDER DECLARATION** I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code): Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).  
 I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.  
 I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.  
 I am exempt under Sec. B & PC for this reason.

**MINIMUM OF 24 HOUR NOTICE FOR INSPECTION-CALL (707) 778-4479**

	PERMIT APPROVAL	CONDITIONAL APPROVAL	DATE
ENGINEERING			
PUBLIC WORKS			
CONSULTANT			
FIRE			
EDD			
PLANNING	TP		4/20/93

**WORKERS' COMPENSATION DECLARATION** I hereby affirm that I have a certificate of consent to self-insure or a certificate of workers' compensation insurance or a certified copy thereof. (Sec. 3800, Lab. C.)  
 POLICY NUMBER: PC 744028 Republic Indemnity Company COMPANY ADDRESS:  
 CERTIFIED COPY IS HEREBY FURNISHED  CERTIFIED COPY IS FILED WITH THE BUILDING INSPECTION DIVISION  VERIFIED: [Signature]

PC / SPARC EXP. DATE:  
 CONDITIONS:  
 SCHOOL FEES:  EXEMPT  PAID DATE:

**CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE** (This section need not be completed if the permit is for one hundred dollars (\$100) or less.) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California.  
 SIGNATURE: [Signature] DATE:

BUILDING	DATE
BUILDING	15:00
PLAN CHECK	PAID - 9:75
FIRE DEPT PLAN CHECK	
INCREMENTAL	82
CSIF	
ENERGY	
ELECTRICAL	
MECHANICAL	
PLUMBING	
GRADING	
BUILDING SURVEY	
MICROFILM	
SEWER	
PARK	
COMMUNITY DEVELOPMENT	
STORM MITIGATION	
TRAFFIC MITIGATION	
DWELLING CONSTRUCTION	
NO PLANS	
LESS PREPAID FEES	25.07
<b>TOTAL DUE</b>	18.92

**OWNER-BUILDER INFORMATION**  
 An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified.  
 For your protection you should be aware that as "owner-builder" you are the responsible party of record on the permit. Building permits are not required to be signed by property owners unless they are personally performing their own work. If your work is being performed by someone other than yourself, you may protect yourself from possible liability if that person applies for the permit in their own name.  
 Contractors are required by law to be licensed and bonded by the State of California and to carry workers' compensation insurance. They are also required by law to post their license number on all permits for which they apply.  
 If you plan to do your own work, with the exception of various trades that you plan to subcontract, you should be aware of the following information for your benefit and protection:  
 If you employ or otherwise engage any persons other than your immediate family, and the work (including materials and other costs) is \$200 or more for the entire project, and such persons are not licensed as contractors or subcontractors, then you must be an employer.  
 If you are an employer, you must register with the state and federal government as an employer, and you must obtain several types of insurance including state and federal income tax withholding, federal social security taxes, workers' compensation, disability insurance, and unemployment compensation contributions.  
 There may be financial risks for you if you do not carry out these obligations, and these risks are especially serious with respect to workers' compensation insurance.  
 For more specific information about your obligations under federal law, contact the Internal Revenue Service and the U.S. Small Business Administration. For more specific information about your obligations under state law, contact the Department of Industrial Accidents.  
 If the structure is intended for sale, property owners who are not licensed contractors are allowed to perform the work personally or through their own employees, without a licensed contractor or subcontractor, only under limited conditions.  
 A frequent practice of unlicensed persons professing to be contractors is to secure an "owner-builder" building permit, erroneously implying that the property owner is providing his or her own labor and material personally. Building permits are not required to be signed by property owners unless they are performing their own work personally.  
 Information about licensed contractors may be obtained by contacting the Contractors' State License Board in your community in at 1025 Street, Sacramento, California 95814.  
 Please complete the owner-builder verification form so that we can confirm that you are aware of these matters. The building permit will not be issued until the verification is returned.

**NO PERMIT INSPECTION REQUESTS**  
**EXPIRED 3/12/93**  
 SUBTOTAL: 25.07  
 LESS PREPAID FEES: 9.75  
**TOTAL DUE: 18.92**

**OWNER-BUILDER VERIFICATION**  
 Attention Property Owner  
 An "owner-builder" building permit has been applied for in your name and bearing your signature.  
 Please complete and return this information at your earliest opportunity to avoid unnecessary delay in processing and issuing your building permit. No building permit will be issued until this verification is received.  
 1. I personally plan to provide the major labor and materials for construction of the proposed property improvement (yes or no) \_\_\_\_\_  
 2. I have/have not \_\_\_\_\_ signed an application for a building permit for the proposed work.  
 3. I have contracted with the following person (from) to provide the proposed:  
 Name: \_\_\_\_\_ City: \_\_\_\_\_  
 Address: \_\_\_\_\_ City: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Contractors License No. \_\_\_\_\_  
 4. I plan to provide portions of the work, but I have hired the following person to coordinate, supervise, and provide the major work:  
 Name: \_\_\_\_\_ City: \_\_\_\_\_  
 Address: \_\_\_\_\_ City: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Contractors License No. \_\_\_\_\_  
 5. I will provide some of the work but I have contracted (hired) the following persons to provide the work indicated:  
 Name: \_\_\_\_\_ Address: \_\_\_\_\_ Phone: \_\_\_\_\_ Type of Work: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_

PLAN CK: 9.75 4/23/93 DEMO BOND: AMT DATE  
 RECEIPT # 15311 RECEIPT #  
 DATE ISSUED: 4/23/93 WHEN VALIDATED THIS IS YOUR PERMIT  
 BUILDING DIVISION: 15311/4/23  
 APPROVED FOR ISSUE DATE: MAY 11 1993  
 FINAL INSPECTION: [Blank]  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_





**APPLICATION FOR BUILDING PERMIT**

11 English Street  
Petaluma, California 94952  
Office (707) 778-4302

**CITY OF PETALUMA**  
BUILDING INSPECTION DEPARTMENT  
FOR INSPECTION ONLY CALL 778-4479

**BUILDING ADDRESS** Mc Diwett & Corona  
**OWNER NAME** Petaluma Valley Coop Signs  
**MAILING ADDRESS** Po Box 42581 Santa Rosa CA 95402  
**ARCHITECT NAME** \_\_\_\_\_  
**ENGINEER NAME** \_\_\_\_\_  
**CONTRACTOR NAME** BARBER SIGNS  
**MAILING ADDRESS** Po Box 702 Petaluma CA 94952

**APN #** 137-06070  
**DATE ISSUED** 9/2/92  
**RECEIVED BY** EB  
**DATE** 12/2/91  
**PERMIT NUMBER** \_\_\_\_\_  
 BUILDING  ELECTRICAL  MECHANICAL  PLUMBING  
 BLDG SURVEY  MOVE BLDG  DEMOLITION  POOL  SOLAR  FENCE  
 NEW  ADDITION  ALTERATION  REPAIR  ACCESSORY BLDG  RESIDENTIAL  
 ASF  DSF  DUPLEX  APT  CONDNG  COMMERCIAL  
**FLOOR AREA** \_\_\_\_\_ **VALUATION** 800 **PLAN NUMBER** 92000300  
**GARAGE AREA** \_\_\_\_\_ **MAX OCC** \_\_\_\_\_ **STORIES** \_\_\_\_\_  
**DECK AREA** \_\_\_\_\_ **GROUP** \_\_\_\_\_ **TYPE** \_\_\_\_\_ **BEDROOMS** \_\_\_\_\_ **UBC REC** 88

I HEREBY AFFIRM THAT I AM LICENSED UNDER THE PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND MY LICENSE IS IN FULL FORCE AND EFFECT.

**LICENSE CLASS** C-45 **STATE LICENSE NUMBER** 246385 (1394)  
**SIGNATURE** X Warner Spahr **DATE** 12-27-91

**HAZARDOUS MATERIALS:** INDICATE IF THE INTENDED OCCUPANCY WILL USE CHEMICALS INITIALLY YES ACKNOWLEDGES THAT H & S CODE SECTIONS 25506, 25533 & 25534 AS WELL AS FILING DIRECTIONS WERE MADE AVAILABLE TO YOU.  
 YES \_\_\_\_\_ NO \_\_\_\_\_

**PROPOSED WORK** Temp - Dimensional Signs  
PLAN V PAID 1187 12-2-91  
SIGN 2  
Code forms  
Notice  
Perk etc  
Sanjour 6/10  
12/2/91

**OWNER-BUILDER DECLARATION** I HEREBY AFFIRM THAT I AM EXEMPT FROM THE CONTRACTOR'S LICENSE LAW AND THE FOLLOWING REASON (SEC. 7051.5, BUSINESS AND PROFESSIONS CODE, AND CITY OR COUNTY ORDINANCE) WHICH REQUIRES A PERMIT TO CONSTRUCT, ALTER, IMPROVE, DEMOLISH OR REPAIR ANY STRUCTURE PRIOR TO ITS ISSUANCE, ALSO REQUIRES THE PERMIT FOR SUCH PERMIT TO FILE A SIGNED STATEMENT THAT HE IS LICENSED PURSUANT TO THE PROVISIONS OF THE CONTRACTOR'S LICENSE LAW (CHAPTER 9 COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE. IF THE APPLICANT IS EXEMPT THEREFROM AND THE BASIS FOR THE ALLEGED EXEMPTION, ANY VIOLATION OF SECTION 7051.5 BY AN APPLICANT FOR A PERMIT SUBJECTS THE APPLICANT TO A CIVIL PENALTY OF NOT MORE THAN FIVE HUNDRED DOLLARS (\$500) FOR EACH VIOLATION.  
 I, AS OWNER OF THE PROPERTY OR MY EMPLOYEE, WITH AGONY AS THE COMPENSATION, WILL DO THE WORK AND THE STRUCTURE IS NOT INTENDED OR OFFERED FOR SALE (SECTION 7044, BUSINESS AND PROFESSIONS CODE DOES SUCH WORK HIMSELF OR THROUGH HIS OWN EMPLOYEES, PROVIDED THAT SUCH APPROVAL IS NOT INTENDED OR OFFERED FOR SALE. IF, HOWEVER, THE BUILDING OR IMPROVEMENT IS SOLD WITHIN ONE YEAR OF COMPLETION, THE OWNER/BUILDER WILL HAVE THE BURDEN OF PROVING THAT HE DID NOT BUILD OR IMPROVE OR OFFER FOR SALE).  
 I, AS OWNER OF THE PROPERTY, AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO CONSTRUCT THE PROJECT (SEC. 7044, BUSINESS AND PROFESSIONS CODE). THE CONTRACTOR'S LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO CONTRACTS FOR SUCH PROJECTS WITH A CONTRACTOR(S) LICENSED PURSUANT TO THE CONTRACTOR'S LICENSE LAW.  
 I AM EXEMPT UNDER SEC. \_\_\_\_\_, B. & P.C. FOR THIS REASON \_\_\_\_\_

**COMPLETE THE OWNER-BUILDER VERIFICATION ON THE BACK OF PARTS 1, 2, & 5.**

**WORKERS' COMPENSATION DECLARATION** I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE, OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR A CERTIFIED COPY THEREOF, (SEC. 3800, LAB. C.)  
**POLICY NUMBER** WC3-161-033684-010 **DATE** 4/6/91  
**CERTIFIED COPY IS HEREBY FURNISHED**  **CERTIFIED COPY IS FILED WITH THE BUILDING INSPECTION DEPARTMENT**  **VERIFIED** 11-2-92  
**SIGNATURE** X Warner Spahr **DATE** 12-27-91

**CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE** (THIS SECTION NEED NOT BE COMPLETED IF THE PERMIT IS FOR ONE HUNDRED DOLLARS (\$100) OR LESS). I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.  
**SIGNATURE** X Warner Spahr **DATE** \_\_\_\_\_

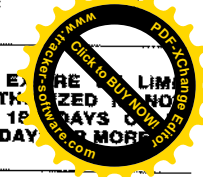
**NOTICE TO APPLICANT:** IF AFTER MAKING THIS CERTIFICATE OF EXEMPTION, YOU SHOULD BECOME SUBJECT TO THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE, YOU MUST FORTHWITH COMPLY WITH SUCH PROVISIONS OR THIS PERMIT SHALL BE DEEMED REVOKED.  
 I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify and keep harmless the city of Petaluma against all claims, judgments, costs and expenses which may in any way occur against said city in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Dept. This permit does not constitute approval of any violation of the above-named provisions, nor of any state or city ordinance.  
**SIGNATURE** X Warner Spahr **DATE** 12-27-91

**MINIMUM OF 24 HOUR NOTICE FOR INSPECTION - CALL (707) 778-4479**

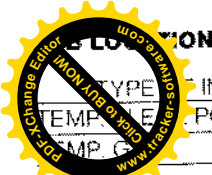
DEPARTMENT	PERMIT APPROVAL	CONDITIONAL APPROVAL	DATE	BUILDING	
ENG DEPT				PLAN CHECK	21.00
PLANNING DEPT	TP		11-1-92	FIRE DEPT CHECK	13.65
FIRE DEPT				INCREMENTAL	2.80
				CSIF	
				ENERGY FEE	
				ELECTRICAL	
				MECHANICAL	
				PLUMBING	
				GRADING	
				BLDG SURVEY	
				MISCELLANEOUS	
				SEWER	
				PARK	
				DEV. FEE	
				FLOOD MIT	
				<b>TOTAL</b>	<b>37.45</b>
				<input type="checkbox"/> NO PLANS	<input checked="" type="checkbox"/> PLANS APPROVED

**CONSTRUCTION LENDING AGENCY.** I HEREBY AFFIRM THAT THERE IS A CONSTRUCTION LENDING AGENCY FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED. (SEC. 3097, CIV. C.)  
**LENDER NAME** \_\_\_\_\_ **CITY** \_\_\_\_\_ **STATE** \_\_\_\_\_

**MAILING ADDRESS** \_\_\_\_\_ **CITY** \_\_\_\_\_ **STATE** \_\_\_\_\_  
**THIS PERMIT SHALL BE REVOKED IF WORK AUTHORIZED COMMENCED WITHIN 180 DAYS OF ISSUANCE AND ABANDONED FOR 180 DAYS.**







24 HOURS NOTICE REQUIRED FOR INSPECTION REQUESTS

TYPE OF INSPECTION	DATE	INSPECTOR	TYPE OF INSPECTION	DATE	INSPECTOR
POWER POLE			<b>FINAL</b>		
EXCAVATION			BUILDING		
PIER HOLES			ELECTRIC		
FOOTING			GFI		
FOUNDATION FORMS & REBAR			PLUMBING		
RETAINING WALL & REBAR			MECHANICAL		
SEWER CONNECTION			SOLAR		
WATER SERVICE CONNECTION			GRADING		
SLAB REINFORCEMENT			FENCE		
UNDER SLAB PLUMBING			RE ROOFING		
UNDER SLAB ELECTRICAL			DEMOLITION		
UNDER FLOOR - FRAME					
PLUMBING			BUILDING SURVEY		
MECHANICAL					
ELECTRICAL					
INSULATION					
ROUGH - FRAME			POOL EXCAVATION		
PLUMBING			POOL REINFORCING		
MECHANICAL			POOL BONDING		
ELECTRICAL			DECK BONDING		
INSULATION - WALLS/CEILING			GROUNDING		
SHEAR NAILING			ELECTRICAL		
ROOF SHEATHING			GAS		
ROOFING			PIPING (POOL)		
			HEATING (TITLE #2)		
			6 FT. POOL ENCLOSURE		
			GFI		
			POOL FINAL		
WALL BOARD NAILING					
LATH OUTSIDE / WOOD SIDING			SIGN		
STUCCO - SCRATCH / BROWN			SIGN WIRING		
MASONRY					
GROUTING					
FIREPLACE					
SUSPENDED CEILING					
METER AUTH.					
GAS TEST					
METER AUTH.					

DIOW

POST ON JOB SITE THIS SIDE UP

"An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified.

"For your protection you should be aware that as "owner-builder" you are the responsible party of record on such a permit. Building permits are not required to be signed by property owners unless they are personally performing their own work. If your work is being performed by someone other than yourself, you may protect yourself from possible liability if that person applies for the proper permit in his or her name.

"Contractors are required by law to be licensed and bonded by the State of California and to have a business license from the city or county. They are also required by law to put their license number on all permits for which apply.

"If you plan to do your own work, with the exception of various trades that you plan to subcontract, you should be aware of the following information for your benefit and protection.

"If you employ or otherwise engage any persons other than your immediate family, and the work including materials and other costs is \$200 or more for the entire project, and such persons are not licensed as contractors or subcontractors, then you may be an employer.

"If you are an employer, you must register with the state and federal government as an employer and you are subject to several obligations including state and federal income tax withholding, federal social security taxes, workers' compensation insurance, disability insurance costs, and unemployment compensation contributions.

"There may be financial risks for you if you do not carry out these obligations, and these risks are especially serious with respect to workers' compensation insurance.

"For more specific information about your obligations under federal law, contact the Internal Revenue Service and, if you wish, the U.S. Small Business Administration. For more specific information about your obligations under state law, contact the Department of Benefit Payments and the Division of Industrial Accidents.

"If the structure is intended for sale, property owners who are not licensed contractors are allowed to perform their work personally or through their own employees, without a licensed contractor or subcontractor, only under limited conditions.

"A frequent practice of unlicensed persons professing to be contractors is to secure an "owner-builder" building permit, erroneously implying that the property owner is providing his or her own labor and material personally. Building permits are not required to be signed by property owners unless they are performing their own work personally.

"Information about licensed contractors may be obtained by contacting the Contractors' State License Board in your community or at 1020 N Street, Sacramento, California 95814.

"Please complete the owner-builder verification form so that we can confirm that you are aware of these matters. The building permit will not be issued until the verification is returned.

**"OWNER-BUILDER VERIFICATION**

Attention Property Owner:

"An "owner-builder" building permit has been applied for in your name and bearing your signature.

"Please complete and return this information at your earliest opportunity to avoid unnecessary delay in processing and issuing your building permit. No building permit will be issued until this verification is received.

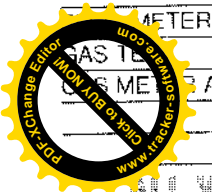
- I personally plan to provide the major labor and materials for construction of the proposed property improvement (yes or no) \_\_\_\_\_
- I have/have not \_\_\_\_\_ signed an application for a building permit for the proposed work.
- I have contracted with the following person (firm) to provide the proposed construction:  
Name \_\_\_\_\_ City \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_ Contractors License No. \_\_\_\_\_
- I plan to provide portions of the work, but I have hired the following person to coordinate, supervise, and provide the major work:  
Name \_\_\_\_\_ City \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_ Contractors License No. \_\_\_\_\_
- I will provide some of the work but I have contracted (hired) the following persons to provide the work indicated.  
Name \_\_\_\_\_ Address \_\_\_\_\_ Phone \_\_\_\_\_ Type of Work \_\_\_\_\_

Signed: \_\_\_\_\_  
Property owner \_\_\_\_\_  
Date: \_\_\_\_\_

§ 19832. Transmitted by mail of notice and verification to property owner: Return of verification as condition precedent to issuance of permit

A city or county, whether general law or chartered, shall transmit the notice required pursuant to Section 19830 and the owner-builder verification required pursuant to Section 19831 by mail to the property owner applying for the owner-builder building permit or may provide the notice or the verification in person to the person applying for the building permit only if that applicant presents identification sufficient to identify himself or herself as the property owner. The return of the owner-builder verification shall be a condition precedent to the issuance of the building permit.

However, no city or county or its employees shall be responsible for determining the truth or accuracy of the declarations in the owner-builder verification, and no monetary liability on the part of and no cause of action for damages against them shall arise from their failure to verify the truth or accuracy of the declarations.



ALL WORK REQUIRES A FINAL INSPECTION



320 CORONA ROAD - 910 N. MCDOWELL BLVD - Hook up to city sewer  
 TALUMA.  
 approx. 300'

9800/604

320 CORONA ROAD

OFFICE

scales

1/4" slope unless 6" or greater pipe  
 then 1/8" OK.

200ft

MAN HOLE  
 100ft

RECEIVED  
 JUN 18 1998  
 PLANNING / BUILDING

CITY OF PETALUMA  
 BUILDING INSPECTION

- PLAN ROOM
- ZONING & PLANNING
- PUBLIC WORKS
- FIRE DEPT.
- HEALTH
- BUILDING
- WATER DEPT.

6/18/98

910 - N. MCDOWELL BLVD

FILE COPY





CITY OF PETALUMA 11 ENGLISH STREET PETALUMA, CA 94952

**DEVELOPMENT IMPACT FEE PAYMENT**

Building Division  
707-778-4302

Finance Department  
707-778-4352

Building Address 320 CORONA ROAD  
 Subdivision \_\_\_\_\_  
 Owner CLINTON GOW Lot # \_\_\_\_\_  
 APN # 137-001-019

DATE 6-18-98  
 PERMIT # \_\_\_\_\_

Development Impact Fees identified below are required to be paid prior to calling for your final inspection or issuance of a Certificate of Occupancy on the above permit number.

The fees are to be paid at the City Finance Department (Room 1, City Hall) and the check made out to the "City of Petaluma".

DEVELOPMENT FEE	AMOUNT DUE
Water Connection Fee Zone 1 (601-300-0000-3741)	_____
Water Connection Fee Zone 4 (601-300-0000-3740)	_____
Other Water Conn Fee Zones (601-300-0000-3743)	_____
Sewer Connection Fee (602-300-0000-3743)	<u>2,550.00</u>
Storm Mitigation Fee (210-300-0000-3260)	_____
Community Facilities Fee (212-300-0000-3260)	_____
Traffic Mitigation Fee (213-300-0000-3260)	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
<b>TOTAL FEES</b>	<u>2,550.00</u>

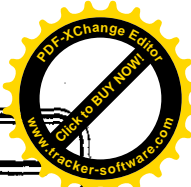
WHEN THE ABOVE FEES ARE PAID TO FINANCE, PLEASE RETURN THE TOP COPY TO THE BUILDING DIVISION

COMMENTS \_\_\_\_\_  
 \_\_\_\_\_

**FINANCE USE ONLY**  
 Payment By Cash \_\_\_\_\_ Check Name ROBIN DREW Check # 179 Date Recorded in CR 6-18-98  
 Payment Received By [Signature]

Original-Building File (White) Copy 1-Applicant (Canary) Copy 2-Finance (Pink) Copy 3-Building File Temp (Gold)





320 CORONA

N McDowell & Corona Rd

# SIGN CHECKLIST AND INVENTORY

PLEASE PROVIDE THE FOLLOWING INFORMATION FOR EACH SIGN.

- Type of sign: (circle one that best describes)
  - Wall
  - Projecting
  - Freestanding
  - Roof
  - Other (please describe) Kiosk panel - freestanding
- Building frontage:
  - Total frontage of building in feet: \_\_\_\_\_
  - If corner lot, secondary frontage in feet: \_\_\_\_\_
  - How will the sign be attached? (brief description) screwed onto kiosk
- Sign description:
  - What is the total square footage of the PROPOSED sign: 6 sq ft
  - Sign face(s) (circle one that best describes)
    - Single
    - Double
  - Illumination: (circle one)
    - Internal
    - External
    - Not illuminated
  - Approximate weight of sign (lbs.) 4
  - D = Depth of sign: 3/8"
  - W = Width of sign: 18"
  - L = Length of sign: 4 ft



- Color of sign:
  - Copy color: White
  - Background color: Blue
- What is the total square footage of any EXISTING sign(s) 6 sq ft
- If projecting sign, answer the following questions:
  - Projecting into right-of-way HORIZONTAL in feet: N/A
  - Projecting into right-of-way VERTICAL in feet: \_\_\_\_\_

- If freestanding sign give following distances (that are applicable):
  - From building: \_\_\_\_\_
  - From sidewalk: \_\_\_\_\_
  - From face of curb: 57 ft
  - From center line of street: \_\_\_\_\_
  - From property line: \_\_\_\_\_

From N McDowell

## ITEMS NEEDED FOR SIGN PERMIT APPLICATION:

RECEIVED APR 23 1993

- Three blueprint, pencil, ink drawings of the plans and specifications including method of construction and attachment to the building or ground, and/or drawings appropriate for installation. Show locations of all PROPOSED and EXISTING sign(s) on plot plans or elevation drawings.
- Written consent of the owner of building, structure, or land on which the sign is to be erected.
- Name of person, firm, corporation, or association erecting the sign. Matricational Systems Inc
- If Business is within a shopping center please state name of center: N/A

Signature: Liam P. Hunt  
(name as a signum at bottom of permit application)

Date: 4/23/93

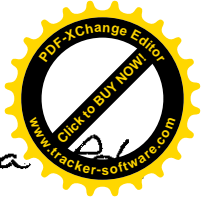
Other pertinent information: \_\_\_\_\_

panel being attached to existing permitted kiosk structure

permit # 92000-300

# 93001136

FILE COPY FILE COPY



SITE PLAN

Kiosk Panel @ N. McDowell & Corona

N  
4

N. McDowell

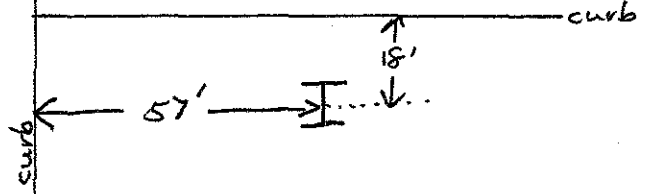
RECEIVED

APR 23 1993

BUILDING DIV.

320 CORONA

E. Corona Rd



CITY OF PETALUMA  
BUILDING INSPECTION

PLAN ROUTING	APPROVAL
ZONING & PLANNING	tp 4.26.93
PUBLIC WORKS	.....
FIRE DEPT.	.....
HEALTH	.....
BUILDING	RB 4/23/93
WATER DEPT.	.....

NOTE: panel will be in top position on Kiosk structure

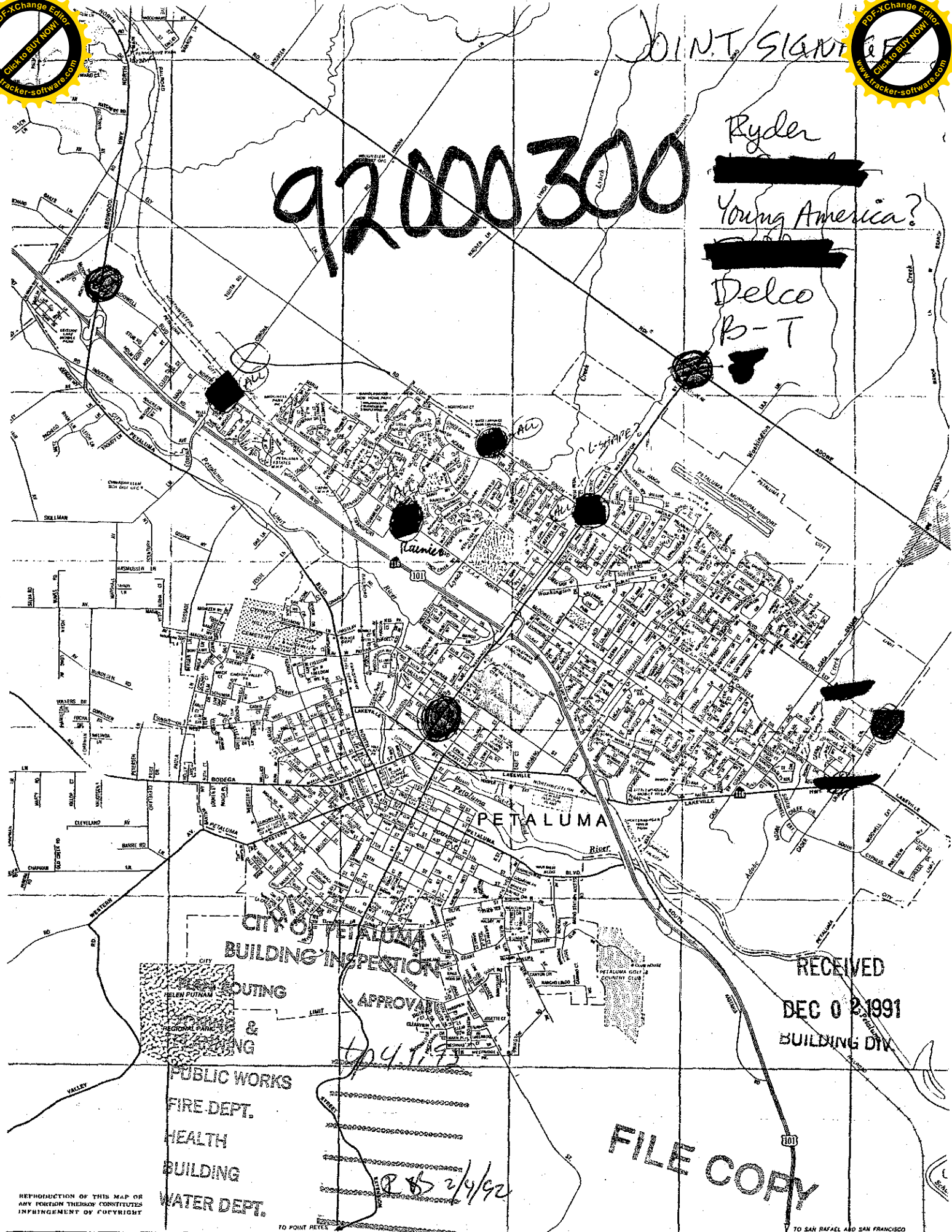
Panel will read  
California Countryside  
→



JOINT SIGN

92000300

Ryder  
[REDACTED]  
Young America?  
[REDACTED]  
Delco  
B-T



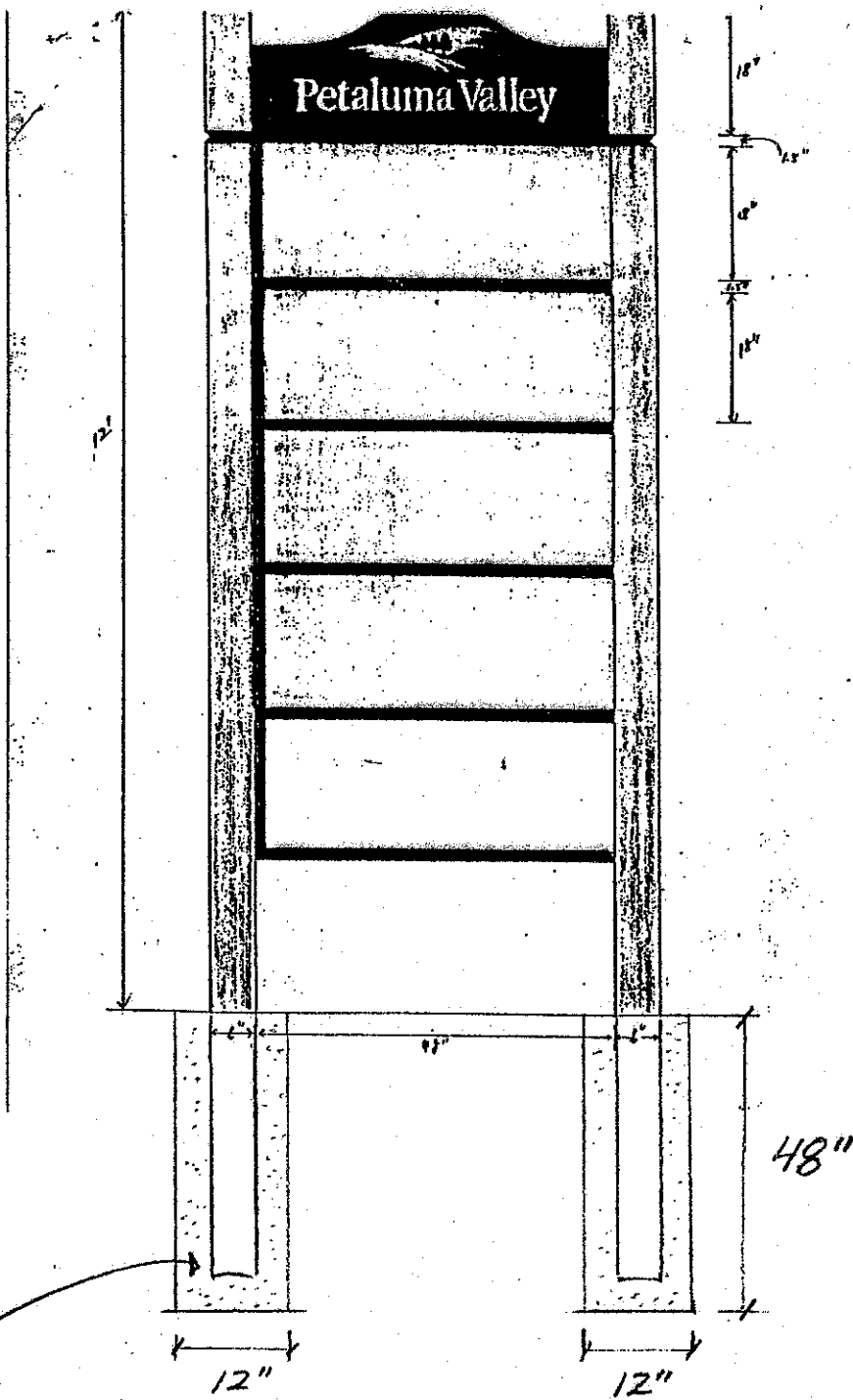
RECEIVED  
DEC 02 1991  
BUILDING DIV

FILE COPY

APPROVAT  
2/4/92

REPRODUCTION OF THIS MAP OR ANY PORTION THEREOF CONSTITUTES INFRINGEMENT OF COPYRIGHT

D



GRAVEL  
BACK FILL

NTS

RECEIVED  
DEC 0 2 1991  
BUILDING DIV.





# Petaluma Valley

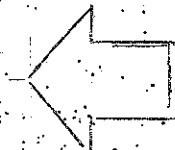
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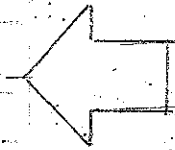
MON'TAGE



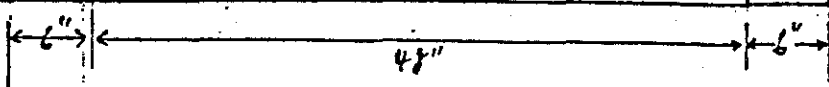
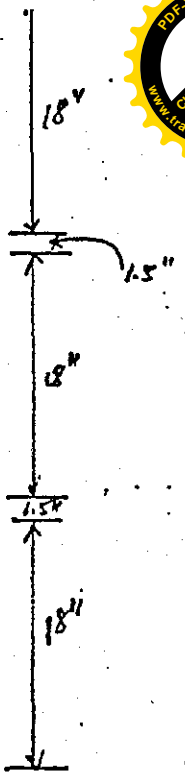
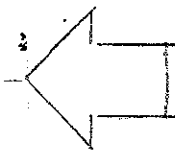
PARK PLACE



SONOMIA  
GLEN



KINGSMILL



SIGN#

(2)

RECEIVED  
DEC 0 2 1991  
BUILDING DIV.

12'



**Keegan & Coppin Company, Inc.**  
 Real Estate Brokerage   Investments   Management

1301 Redwood Way, Suite 165   Petaluma, California 94954   (707) 664-1400   FAX# (707) 792-7336

November 15, 1991

RECEIVED NOV 26 1991

To: Chris Peterson  
 Petaluma Valley Builders  
 Builders Marketing Group  
 2300 Bethards Dr., Suite B  
 Santa Rosa, CA 95405

RECEIVED JAN 13 1992

Dear Mr. Peterson:

My clients have agreed to allow you placing a directional sign on their property at the southeast corner of McDowell Blvd. North and Corona Road, Petaluma, under the following conditions:

1. A land lease fee of \$125.00 per month will be remitted to the owners, Clinton and Patricia Gow, P.O. Box 706, Cotati, CA 94931, on the 1st day of each month.
2. This land lease can be cancelled by either party by giving a 30-day notice.
3. The Gows must give approval to sign content, size and placement on their property.
4. No liability will be incurred by the Gows due to the placement on presence of the sign.

Please consider this letter as adequate documentation for a lease and sign the bottom section.

Sincerely,

Bob Lipman

AP# 137-060-23

Approved:

Petaluma Valley Builders

Patricia Gow

12-31-91  
 Date

1-6-92  
 Date

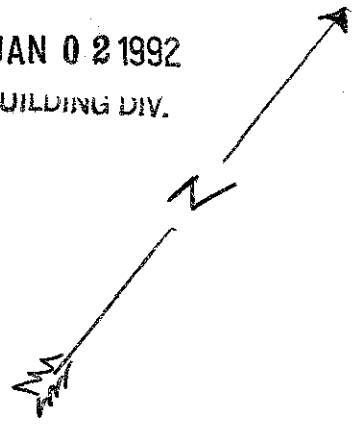


SIGN #2

Mc DOWELL & CORONA

AP#

RECEIVED  
JAN 02 1992  
BUILDING DIV.

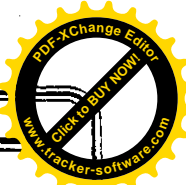


CORONA

SIGN LOCATION

Mc DOWELL





# SIGN CHECKLIST AND INVENTORY

PLEASE PROVIDE THE FOLLOWING INFORMATION FOR EACH SIGN.

1. Type of sign: (circle one that best describes)
- A. Wall
  - B. Projecting
  - C. Freestanding
  - D. Roof
  - E. Other (please describe) \_\_\_\_\_

2. Building frontage:
- A. Total frontage of building in feet: \_\_\_\_\_
  - B. If corner lot: secondary frontage in feet: \_\_\_\_\_
  - C. How will the sign be attached? (brief description) \_\_\_\_\_

3. Sign description:
- A. What is the total square footage of the PROPOSED sign: 704
  - B. Sign face(s) (circle one that best describes)
    - 1. Single
    - 2. Double
  - C. Illumination: (circle one)
    - 1. Internal
    - 2. External
    - 3. Not illuminated
  - D. Approximate weight of sign (lbs.): 200
  - E. D = Depth of sign: 6
  - F. W = Width of sign: 10
  - G. L = Length of sign: 4'



- H. Color of sign:
- 1. Copy color: condes
  - 2. Background color: white

4. What is the total square footage of any EXISTING sign(s) \_\_\_\_\_
5. If projecting sign, answer the following questions:
- A. Projecting into right-of-way HORIZONTAL in feet: \_\_\_\_\_
  - B. Projecting into right-of-way VERTICAL in feet: \_\_\_\_\_

6. If freestanding sign give following distances (that are applicable):
- A. From building: \_\_\_\_\_
  - B. From sidewalk: 10
  - C. From face of curb: 20
  - D. From center line of street: \_\_\_\_\_
  - E. From property line: \_\_\_\_\_

## ITEMS NEEDED FOR SIGN PERMIT APPLICATION :

1. Three blueprint, pencil, ink drawings of the plans and specifications including method of construction and attachment to the building or ground, and/or drawings appropriate for installation. Show locations of all PROPOSED and EXISTING sign(s) on plot plans or elevation drawings.
2. Written consent of the owner of building, structure, or land on which the sign is to be erected.
3. Name of person, firm, corporation, or association erecting the sign. BARBAR S I C
4. If Business is within a shopping center please state name of center: \_\_\_\_\_

Signature: [Handwritten Signature]  
(same as signature of business permit application)

Date: 3-5-92

Other pertinent information: \_\_\_\_\_

Zone: ML

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



CITY OF PETALUMA

ACTION REPORT

[ ] Inquiry

Date Received 9/28/92

[x] Complaint

Date Closed \_\_\_\_\_

Name of Caller Martin Swift

Address Industrial Waste Dept Phone 762-5892

City Employee Receiving Call: \_\_\_\_\_

Received Via: [ ] Telephone [ ] Letter [x] In Person

Statement As To Nature Of Call: process waste connected to storm drain  
Stinger Sportsware  
320 Corona Rd APRN 137-060-70

Planning: NO Business license - is this in City limits?

Route To: \_\_\_\_\_ Follow-up Report Due: \_\_\_\_\_

- [ ] Public Works [ ] Engineering [x] Planning [ ] Recreation [ ] Parks
- [ ] Traffic Committee [ ] Police [ ] Fire [ ] City Manager [ ] Finance

[x] Building Inspection

Gow, CLINTON PATRICIA  
240 KEO KUK ST  
PETALUMA 94952

REPORT OR ACTION TAKEN

(Attach Additional Documentation as Required)

9/30/92 Spoke to Martin Swift - He is sending letter to 320 Corona to correct in 30 days.  
10/2/92 WASTE CONNECTION DIRECTED TO SEPTIC TANK.  
INSPECTED BY MARTIN SWIFT, E.O.S. JMC 10/16/92

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

Complainant/Inquirer was notified: [ ] By Mail [ ] By Phone [ ] In Person of outcome of complaint/inquiry on \_\_\_\_\_ (Date)

Original to Responsible Dept. Yellow to file Pink to City Manager

12-9-92 sent to CM





**EOS** PETALUMA

Martin R. Swift  
Industrial Waste Department  
P.O. Box 777  
Petaluma, CA 94953

September 25, 1992

Scott Dennison  
Stinger Sportswear  
P.O. Box 751351  
Petaluma, CA 94975-1351

Dear Mr. Dennison

An inspection was performed at your facility on September 25, 1992. The sink used to wash off screens appeared to be connected to the storm drain. The storm drain is to be used solely for storm water runoff. The storm drain receives no treatment before flowing into the Petaluma River.

Please disconnect the pipe to the storm drain immediately. During our inspection you pointed out the septic system. The drain can be rerouted to the septic system if no chemicals are being used in washing (chemicals can render a septic system useless).

The Industrial Waste Department will conduct a follow up inspection next month. Please have all waste lines disconnected from storm drains within seven days. Our procedure is to notify The California Department of Fish and Game when storm drains are used for process waste.

Please inform the Industrial Waste department as to your plans. Please direct any questions to Martin Swift at the address above or call 762-5892.

Thank You

Martin R. Swift  
Industrial Waste Inspector

320 Corona Rd.

**Stinger**  
SPORTSWEAR

SCREEN PRINTING • GRAPHICS • EMBROIDERY

SCOTT DENNISON  
(707) 762-0341

P.O. BOX 751351  
PETALUMA, CA  
94975-1351



**EOS** PETALUMA

RECEIVED  
OCT 01 1992  
COMMUNITY DEVELOPMENT

Martin R. Swift  
Industrial Waste Department  
P.O. Box 777  
Petaluma, CA 94953

September 25, 1992

FILE  
320 CORONA RD.

Scott Dennison  
Stinger Sportswear  
P.O. Box 751351  
Petaluma, CA 94975-1351

Dear Mr. Dennison

An inspection was performed at your facility on September 25, 1992. The sink used to wash off screens appeared to be connected to the storm drain. The storm drain is to be used solely for storm water runoff. The storm drain receives no treatment before flowing into the Petaluma River.

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Please inform the Industrial Waste department as to your plans. Please direct any questions to Martin Swift at the address above or call 762-5892.

Thank You

*Martin R. Swift*  
Martin R. Swift *emc*  
Industrial Waste Inspector

MARTIN SAID HE WOULD  
TELL THEM TO LOOK UP TO  
SEWER IN CORONA AND NOT  
SEPTIC TANK *JAC 10/1/92*



**Envirotech Operating Services**

**Martin R. Swift**  
Industrial Waste Inspector

950 Hopper Street  
P.O. Box 777

Telephone (707) 762-5892  
Fax (707) 762-5318

Petaluma, CA 94952  
Petaluma, CA 94953



# PERMIT RECORD

STREET ADDR. 890 North McDowell

COUNTY ASSESSOR'S  
PARCEL NUMBER

LOT	SUBDIV.		ZONING DIST.	FIRE ZONE	OCCUP.	REMARKS
TYPE OF PERMIT	PERMIT NO.	PLAN NO.	DATE ISSUED			
E	20010540	20010540	3-23-01			4-301 Final Pedestal OK- 20010540 -RL

Plans  
AKW

PERMIT DESIGNATION:

B - BUILDING  
P - PLUMBING  
T - TRAILER

E - ELECTRICAL

U - USE PERMIT  
V - VARIANCE  
H - HEATING

HM - HOUSE MOVING



APPLICANT-COMPLETE DATA WITHIN SHADED AREA

PERMIT NUMBER  
**20010540**

BUILDING ADDRESS

STREET ADDRESS

SUBDIVISION

LOT #

REL 3-95

**BUILDING ADDRESS**  
 850 North McDowell Blvd

**OWNER NAME**  
 Pac Bell / Jim GREGOR

**PHONE (H) (O)**  
 707-318-3124

**MAILING ADDRESS**  
 3260 Sebastopol Rd

**CITY STATE ZIP**  
 SANTA ROSA CA 95407

**ARCHITECT/DESIGNER**  
 N/A

**ENGINEER**  
 Euron

**MAILING ADDRESS**  
 12647 Alcosta Blvd

**CITY STATE ZIP**  
 San Ramon CA 94583

**CONTRACTOR**  
 SASCO Elect

**MAILING ADDRESS**  
 803 Vaca Valley Blvd

**CITY STATE ZIP**  
 Ukiah CA 95688

**PHONE**  
 446-2806

**STATE LICENSE NUMBER**  
 583536

**DATE**  
 3/1/01

**RECEIVED BY**  
 CLK

**DATE**  
 3/1/01

**LOT #/SUITE**

**APR #**

**FLOOR AREA**  
 1,000

**VALUATION**  
 20010540

**PLAN NO.**  
 20010540

**GARAGE AREA**

**MAX OCC**

**STORIES**

**DECK AREA**

**GROUP TYPE**

**BEDROOMS**  
 97

**UBC**  
 96

**NEC**

**PROPOSED WORK**  
 3x3 meter Personal  
 for Pac Bell equipment

**CONSTRUCTION LENDING AGENCY**  
 I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued. (Sec 3097, Civ. C)

**LENDER NAME**

**MAILING ADDRESS**

**CITY STATE ZIP**

I hereby affirm under penalty of perjury that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

**SIGNATURE X**

**DATE**  
 3/1/01

**HAZARDOUS MATERIALS**  
 YES NO

**OWNER-BUILDER DECLARATION**  
 I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code): Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale; if, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

I am exempt under Sec. \_\_\_\_\_ B. & P.C. for this reason: \_\_\_\_\_

**SIGNATURE X**

**DATE**

	PERMIT APPROVAL	CONDITIONAL APPROVAL	DATE
ENGINEERING	OK		3/22/01
PUBLIC WORKS			
CONSULTANT			
FIRE			
EDD			
PLANNING			
HEALTH			
PC / SPARC EXP. DATE			
CONDITIONS			

**WORKERS' COMPENSATION DECLARATION**  
 I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: **ZUCKER** UC3503815

Policy Number: **3700/1/01/02**

EXP. DATE: **3/31/02**

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not, in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation laws of California, I shall forthwith comply with those provisions.

Date: **3/1/01** Applicant: \_\_\_\_\_

	RECEIPT #	DATE	LESS PREPAID FEES	TOTAL DUE
BUILDING				
PLAN CHECK				
FIRE DEPT. PLAN CHECK				
INCREMENTAL				
CSIF				
ENERGY				
ELECTRICAL				54.00
MECHANICAL				
PLUMBING				
GRADING				
BUILDING SURVEY				
MICROFILM				8.50
PARK/DWELLING				
MINEN/MINER				
<b>SUBTOTAL</b>	<b>99.10</b>		<b>32.50</b>	<b>66.60</b>
<b>RECEIPT #</b>	<b>9679</b>	<b>3/1/01</b>		

**WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.**

**OWNER-BUILDER INFORMATION**  
 An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified. For your protection you should be aware that as "owner-builder" you are the responsible party of record on such a permit. Building permits are not required to be signed by property owners unless they are personally performing their own work. If your work is being performed by someone other than yourself, you may protect yourself from possible liability if that person applies for the proper permit in his or her name.

Contractors are required by law to be licensed and bonded by the State of California and to have a business license from the city or county. They are also required by law to put their license number on all permits for which they apply.

If you plan to do your own work, with the exception of various trades that you plan to subcontract, you should be aware of the following information for your benefit and protection:

If you employ or otherwise engage any persons other than your immediate family, and the work (including materials and other costs) is \$290 or more for the entire project, and such persons are not licensed as contractors or subcontractors, then you may be an employer.

If you are an employer, you must register with the state and federal government, as an employer and you are subject to several obligations including state and federal income tax withholding, federal social security taxes, workers' compensation insurance, disability insurance, state, and unemployment compensation contributions.

There may be financial risks for you if you do not carry out these obligations, and these risks are especially serious with respect to workers' compensation insurance.

For more specific information about your obligations under federal law, contact the Internal Revenue Service (and, if you wish, the U.S. Small Business Administration). For more specific information about your obligations under state law, contact the Department of Benefit Payments and the Division of Industrial Accidents.

If the structure is intended for sale, property owners who are not licensed contractors are allowed to perform their work personally or through their own employees, without a licensed contractor or subcontractor, only under limited conditions.

A frequent practice of unlicensed persons professing to be contractors is to secure an "owner-builder" building permit, erroneously implying that the property owner is providing his or her own labor and material personally. Building permits are not required to be signed by property owners unless they are performing their own work personally.

Information about licensed contractors may be obtained by contacting the Contractors' State License Board in your community or at 1020 N Street, Sacramento, California 95814.

Please complete the owner-builder verification form so that we can confirm that you are aware of these matters. The building permit will not be issued until the verification is returned.

**OWNER-BUILDER VERIFICATION**

Attention Property Owner:  
 An "owner-builder" building permit has been applied for in your name and bearing your signature. Please complete and return this information at your earliest opportunity to avoid unnecessary delay in processing and issuing your building permit. No building permit will be issued until this verification is received.

1. I personally plan to provide the major labor and materials for construction of the proposed property improvement (yes or no) \_\_\_\_\_

2. I have/have not \_\_\_\_\_ signed an application for a building permit for the proposed work.

3. I have contracted with the following person (firm) to provide the proposed \_\_\_\_\_

Name \_\_\_\_\_ City \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_

Phone \_\_\_\_\_ Contractors License No. \_\_\_\_\_

4. I plan to provide portions of the work, but I have hired the following person to coordinate, supervise, and provide the major work: \_\_\_\_\_

Name \_\_\_\_\_ City \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_

Phone \_\_\_\_\_ Contractors License No. \_\_\_\_\_

5. I will provide some of the work but I have contracted (hired) the following persons to provide the work indicated.

Name \_\_\_\_\_ Address \_\_\_\_\_ Phone \_\_\_\_\_ Type of Work \_\_\_\_\_

**SIGNED:**  
 Property owner: \_\_\_\_\_ Date: \_\_\_\_\_

9 19832. Transmittal by mail of notice and verification to property owner: Return of verification as condition precedent to issuance of permit.  
 City or county, whether by law or contract, shall transmit the notice required pursuant to Section 19832 and the owner-builder verification required pursuant to Section 19851 by mail to the property owner applying for the owner-builder building permit or may provide the notice or the verification in person to the person applying for the building permit, only if that applicant presents identification sufficient to identify himself or herself as the property owner. The return of the owner-builder verification shall be a condition precedent to the issuance of the building permit.

1. I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify and keep harmless the City of Petaluma against liabilities, judgments, costs and expenses which may in any way accrue against said city in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Department. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance.

**WHEN VALIDATED THIS IS YOUR PERMIT**  
**CITY OF PETALUMA**  
**PLANNING / BUILDING**

**MAR 23 2001**

**PAID**

**DEVELOPMENT IMPACT FEES**  
 MUST BE PAID PRIOR TO FINAL INSPECTION

PAID \$ \_\_\_\_\_ DATE \_\_\_\_\_

**THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS OR IS ABANDONED FOR 180 DAYS OR MORE, AS PER UNIFORM BUILDING CODE.**

**SIGNATURE X**

**PRINT NAME X** **Richard Beck**

**DATE** **3/1/01**

**BUILDING ADDRESS**

TYPE OF INSPECTION	DATE	INSPECTOR	TYPE OF INSPECTION	DATE	INSPECTOR
TEMP ELEC POWER POLE & MTR AUTH.			<b>FINAL</b>		
			BUILDING		
			ELECTRICAL	4.3.01	RJF
SETBACKS			GFI		
			PLUMBING		
PIER HOLES AND/OR REBAR			MECHANICAL		
FOUNDATION FORMS & REBAR			FINISH GRADING		
FOOTING			GRADING BOND		
RETAINING WALL & REBAR			FENCE		
SEWER CONNECTION			RE-ROOFING		
WATER SERVICE CONNECTION			DEMOLITION		
SLAB REINFORCEMENT	3.29.01	RJL			
UNDER SLAB PLUMBING			FIRE		
UNDER SLAB ELECTRICAL	3.29.01	RJL	ENGINEERING-ROUGH GRADING		
			PLANNING		
			HEALTH		
			BUILDING SURVEY		
UNDER FLOOR FRAME					
PLUMBING					
MECHANICAL			POOL SETBACKS		
ELECTRICAL			POOL EXCAVATION		
			POOL REINFORCING		
			PRE-GUNITE		
			POOL BONDING		
ROUGH-FRAME			DECK BONDING		
ELECTRICAL			PRE-PLASTER		
MECHANICAL			GROUNDING/CONTINUITY		
PLUMBING			ELECTRICAL		
			GAS TEST & PIPING		
INSULATION-UNDER FLOOR			PIPING (POOL) 35 PSI/ 15 MIN.		
CEILING			HEATING (TITLE #24)		
WALLS			POOL COVER		
			5 FT. POOL ENCLOSURE		
SHEAR NAILING			GFI		
INTERIOR			POOL FINAL		
EXTERIOR					
HOLD DOWNS					
WALL BOARD			PRE-FABRICATED HOMES		
			FOUNDATION		
ROOF SHEATHING			PLUMBING		
ROOFING			ELECTRICAL		
			STAIRS/LANDING		
			GROUNDING/CONTINUITY		
WALL BOARD NAILING					
LATH OUTSIDE/WOOD SIDING					
STUCCO-SCRATCH/BROWN					
			SIGN FOUNDATION		
MASONRY			SIGN/WIRING		
			SIGN FINAL		
GRROUTING					
TILT UP WALL REINFORCEMENT					
FIRE SPRINKLER SYSTEM					
SUSPENDED CEILING					
TEMP GAS AND METER AUTH.					
TEMP ELECT AND METER AUTH.					
ELEC METER FINAL AUTH.	4.3.01	RJL			
ELECTRICAL GROUNDING					
GAS TEST					
GAS METER FINAL AUTH.					

FOR INSPECTION REQUESTS CALL  
 (707) 776-4479  
 ALL WORK REQUIRES A FINAL INSPECTION



# PACIFIC BELL®

City of Petaluma  
Building Division

**ENRON**  
ENRON ENERGY SERVICES  
NORTH AMERICA, INC.  
12647 Alcosta Boulevard Suite 500  
San Ramon, CA 94583  
Telephone: 925-543-2556  
Fax: 925-543-3506



Plan Routing Approval

SITE NUMBER  
**TD-1244M**

Planning Division  
Engineering Division  
Fire Marshal's Office  
Water Resources  
Public Facilities  
Waste Water Plant  
Sonoma County Health  
Building Division

OK 3/22/01  
OK 3/22/01

**20010540**

TD-1244M  
PACT-SN-0122-144  
Across From 880  
North McDowell Blvd.  
Petaluma  
California  
94954

ENRO-0000-47

**RECEIVED**

MAR 01 2001

**BUILDING DIV.**

C 2-21-01	RE-ISSUED FOR PERMIT
B 1-10-01	ISSUED FOR PERMIT
A 12-06-00	ISSUED FOR REVIEW & UTILITY
NO. DATE	DESCRIPTION

METER  
PEDESTAL  
INSTALLATION

THE FOLLOWING PARTNERS HAVE REVIEWED AND HAVE APPROVED THESE DOCUMENTS.  
ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL ZONING / BUILDING DEPARTMENT(S) AND MAY IMPOSE CHANGES OR MODIFICATIONS.

PACIFIC BELL SPOC	DATE
ENGINEER	DATE

**RECEIVED**  
MAR 01 2001  
**BUILDING DIV.**

PROJECT NUMBER: ENRO-0000-47  
DATE: AS NOTED  
SCALE: AS NOTED

TITLE SHEET

**FILE COPY**

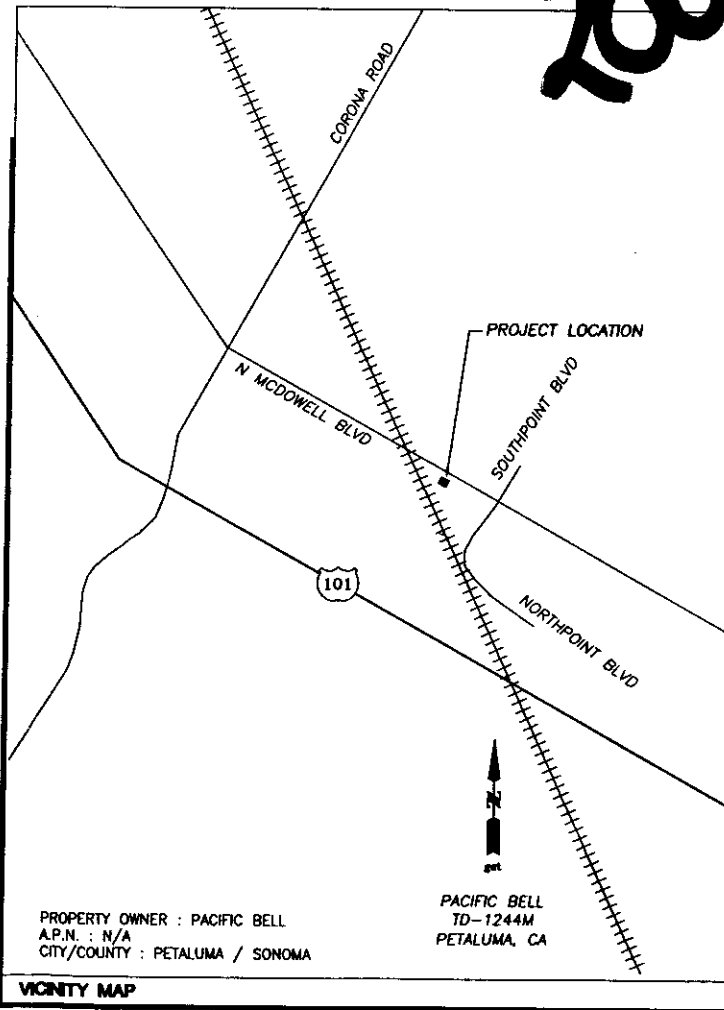
**T1**

**APPLICANT:**  
ENRON ENERGY SERVICES  
(AGENT FOR PACIFIC BELL  
TELEPHONE COMPANY)  
12647 ALCOSTA BLVD., SUITE 500  
SAN RAMON, CA 94583  
OFFICE: TEL NO. (925)543-3500  
FAX: NUMBER (925)543-3550

**REMOTE TERMINAL FACILITY**  
NEW ELECTRICAL SERVICE FOR POWER CONNECTION TO PACIFIC BELL TEL. COMPANY EQUIPMENT.  
NEW CONCRETE SLAB FOR ELECTRICAL SERVICE EQUIPMENT.  
POWER CONDUIT TO AVAILABLE POWER SOURCE, U.O.N.  
POWER CONNECTION TO PAC BELL EQUIPMENT.

**ABBREVIATIONS**

A, AMPS	AMPERES
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CURRENT
C	CONDUIT
CO	CONDUIT ONLY
(E)	EXISTING
GFI	GROUND FAULT CIRCUIT INTERRUPTER
G,GND	GROUND
K.O.	KNOCKOUT
KWH	KILOWATT-HOUR
MIN	MINIMUM
MTS	MANUAL TRANSFER SWITCH
(N)	NEW
NE.C.	NATIONAL ELECTRICAL CODE
NTS	NOT TO SCALE
P	POLE
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL
TYP	TYPICAL
UAC	UNDER ANOTHER CONTRACT
U.G.	UNDERGROUND
U.O.N.	UNLESS OTHERWISE NOTED
W	WIRE
XFMR	TRANSFORMER



**PROJECT DESCRIPTION**

SHT. No.	DESCRIPTION
T1	TITLE SHEET
E1	GENERAL NOTES, SITE PLAN & DETAILS
E2	SINGLE LINE DIAGRAM, EQUIPMENT ELEVATION & DETAILS

**SYMBOLS**

⊙	GROUND ROD
-----	UNDER OR BURIED IN CONCRETE
-P-	UTILITY SERVICE CONDUIT
-S-	SECONDARY SERVICE CONDUIT
-T-	TELEPHONE CONDUIT
-O/M-	OVERHEAD SERVICE CONDUCTORS (POWER &/ OR TELEPHONE)
-C-	GROUND CONDUCTOR
—	CONDUIT/CABLE DOWN
—	CONDUIT/CABLE UP
□	PULLBOX
⊖	CIRCUIT BREAKER
⊕	DETAIL REFERENCE
◇	SHEET NOTE

**A.D.A. COMPLIANCE:**  
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

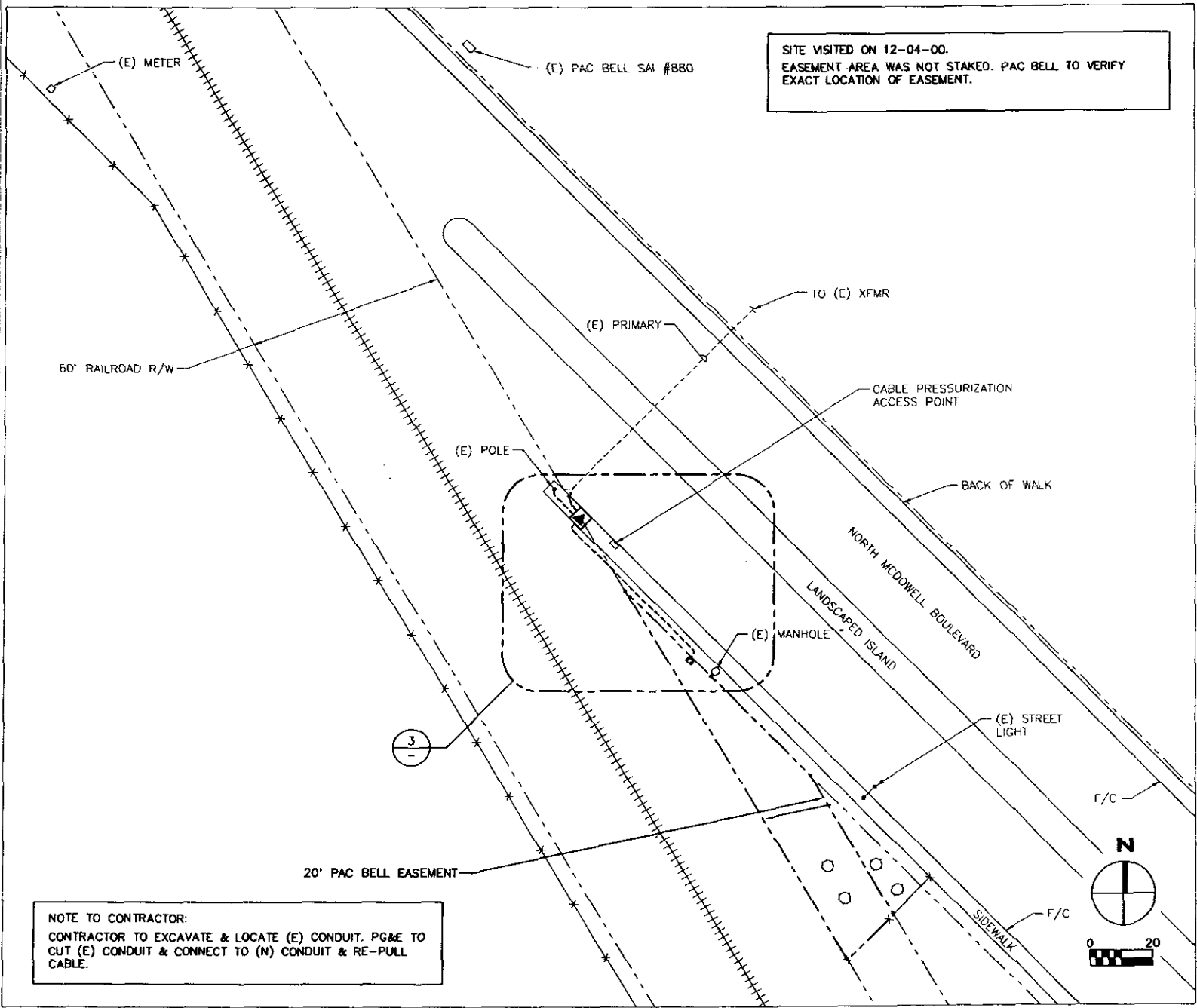
**PROJECT INFORMATION**

**APPROVALS**

1. THE ELECTRICAL INSTALLATION WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES, LAWS AND ORDINANCES APPLICABLE TO ELECTRICAL WORK.
2. CONTRACTOR SHALL VISIT JOB SITE AND VERIFY EXISTING CONDITIONS BEFORE BEGINNING WORK.
3. ALL MATERIAL AND EQUIPMENT FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL BE NEW, FREE FROM DEFECTS, AND SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY OWNER OR HIS REPRESENTATIVE. SHOULD ANY TROUBLE DEVELOP DURING THIS PERIOD DUE TO FAULTY WORKMANSHIP, MATERIAL OR EQUIPMENT, THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS AND LABOR TO CORRECT THE TROUBLE WITHOUT COST TO THE OWNER. EQUIPMENT INSTALLED OUTDOORS SHALL HAVE WEATHERPROOF NEMA 3R ENCLOSURES.
4. ALL WORK TO BE EXECUTED IN WORKMANLIKE MANNER AND SHALL PRESENT A NEAT MECHANICAL APPEARANCE WHEN COMPLETED.
5. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING RELATED TO ELECTRICAL WORK. SEAL ROOF PENETRATIONS PER ARCHITECTURAL DETAILS AND PER EXISTING ROOF WARRANTIES IN EFFECT.
7. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER, TYPE "THHN/THWN", STRANDED.
8. ON COMPLETION OF THE WORK, THE INSTALLATION SHALL BE FREE FROM GROUNDS AND SHORT CIRCUITS.
9. CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS TO ENRON ENERGY SERVICES ON COMPLETION OF THE JOB.
10. ELECTRICAL WORK SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED, INCLUDING BUT NOT LIMITED TO COMPLETE ELECTRICAL SYSTEMS FOR POWER SUPPLY OF PACIFIC BELL EQUIPMENT, GROUNDING, CONDUIT ONLY SYSTEMS, ETC., AS INDICATED ON ELECTRICAL DRAWINGS AND/OR REQUIRED BY GOVERNING CODES.
11. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC UON.
12. PRIOR TO INSTALLING ANY ELECTRICAL WORK, THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND REQUIREMENTS ON THE JOB AND BY REFERENCE TO ARCHITECTURE, AND EQUIPMENT SUPPLIERS DRAWINGS. SHOULD THERE BE ANY QUESTION OR PROBLEM CONCERNING THE NECESSARY PROVISIONS TO BE MADE, PROPER DIRECTIONS SHALL BE OBTAINED BEFORE PROCEEDING WITH ANY WORK.
13. THE CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS, ELECTRICAL SERVICE REQUIREMENTS AND THE EXACT SERVING UTILITY POINTS OF CONNECTION.
14. THE NOTE, SPECIFICATION OR CODE WHICH PRESCRIBES AND ESTABLISHES THE HIGHEST STANDARD OF PERFORMANCE SHALL PREVAIL IN THE EVENT OF ANY CONFLICT OR INCONSISTENCY BETWEEN ITEMS SHOWN ON THE PLANS AND/OR SPECIFICATIONS.
15. THE CONTRACTOR SHALL FURNISH AND PAY FOR ALL PERMITS AND RELATED FEES.
16. PROVIDE A POLYPROPYLENE PULL ROPE IN ALL EMPTY CONDUITS.
17. GENERAL GROUNDING CRITERIA:
  - a. FURNISH AND INSTALL 3/4" x 10' COPPER CLAD GROUND ROD AND TEST WELL. (SEE DETAIL ON SHEET E2).
  - b. PROVIDE #2/0 AWG COPPER GROUND WIRE FROM THE GROUND ROD TO ELECTRICAL EQUIPMENT AS SHOWN ON DRAWINGS. TEST GROUNDING RESISTANCE TO MAKE SURE IT IS BETWEEN 1 & 5 OHMS.

GENERAL NOTES

1

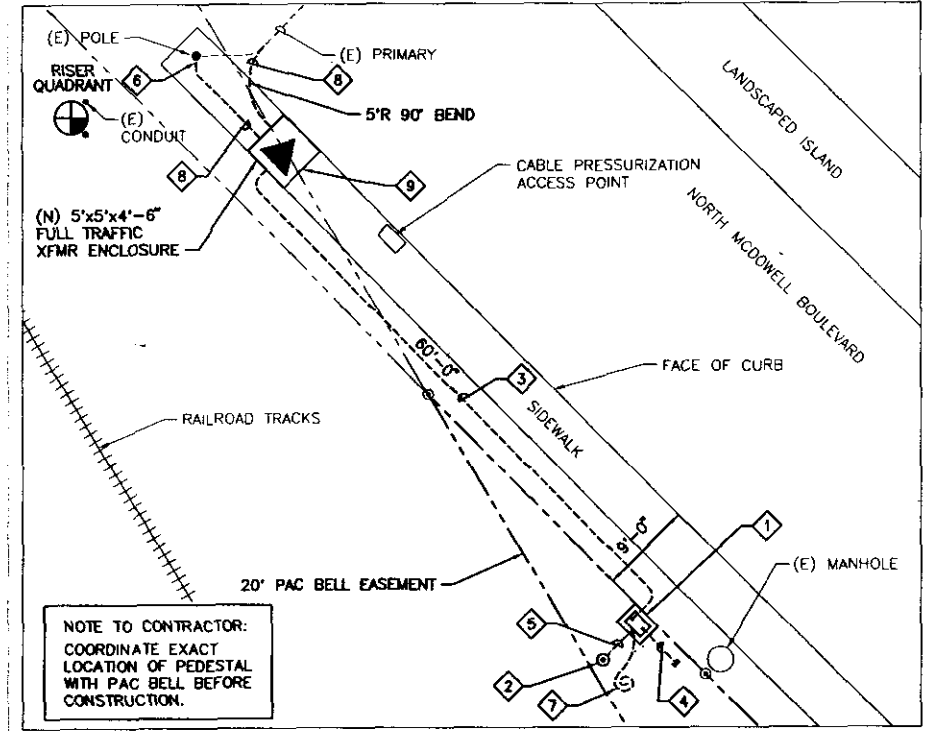


SITE VISITED ON 12-04-00.  
EASEMENT AREA WAS NOT STAKED. PAC BELL TO VERIFY EXACT LOCATION OF EASEMENT.

NOTE TO CONTRACTOR:  
CONTRACTOR TO EXCAVATE & LOCATE (E) CONDUIT, PG&E TO CUT (E) CONDUIT & CONNECT TO (N) CONDUIT & RE-PULL CABLE.

SHEET NOTES

- 1 100A POWER PEDESTAL - SEE (2/E2)
- 2 GROUND ROD. - SEE (2/E2) FOR LOCATION.
- 3 UNDERGROUND 3" C.O. - SEE (1/E2)
- 4 3 #2 & 1 #8 GND IN 3" C. TO PAC BELL EQUIPMENT LOAD CENTER.
- 5 SEE (4/E2) FOR GROUND WIRE SIZE.
- 6 CONNECT TO (E) SERVICE AT POLE.
- 7 COIL 5' LENGTH OF #2 BARE CU. FOR FUTURE EXTENSION TO PAC BELL EQUIPMENT.
- 8 1 - 4" C.
- 9 CONNECT TO (N) XFMR.



NOTE TO CONTRACTOR:  
COORDINATE EXACT LOCATION OF PEDESTAL WITH PAC BELL BEFORE CONSTRUCTION.

SITE PLAN

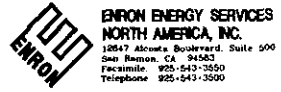
SCALE: 1"=20'-0"

2

ENLARGED SITE PLAN DETAIL

SCALE: 1/8"=1'-0"

3



TD-1244M  
PACT-SN-0122-144  
Across From 880  
North McDowell Blvd.  
Petaling  
California  
94954

ENRO-0000-47

RECEIVED

MAR 01 2001

BUILDING DIV.

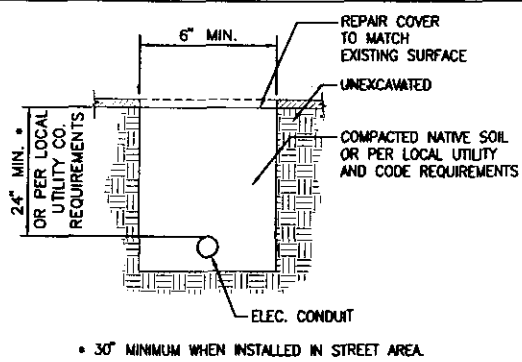
C. 2-21-01	RE-ISSUED FOR PERMIT
B. 1-19-01	ISSUED FOR PERMIT
A. 12-06-00	ISSUED FOR REVIEW & UTILITY
NO. DATE	DESCRIPTION

METER  
PEDESTAL  
INSTALLATION

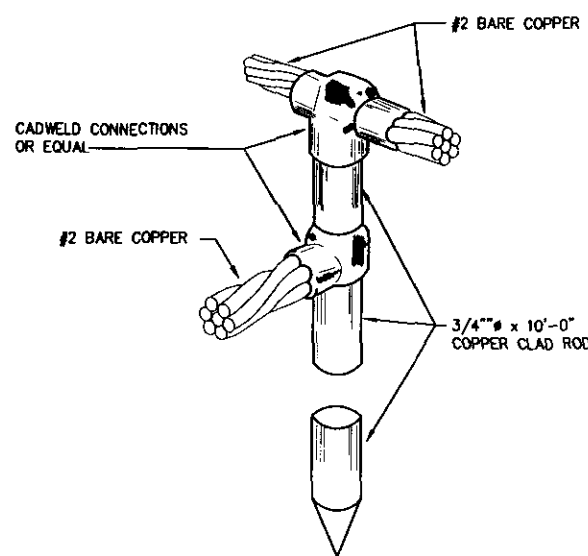
PROJECT NUMBER: ENRO-0000-47  
DATE: AS NOTED

GENERAL NOTES,  
SITE PLAN,  
DETAILS

E1



ELECTRICAL TRENCH SCALE: N.T.S. 1

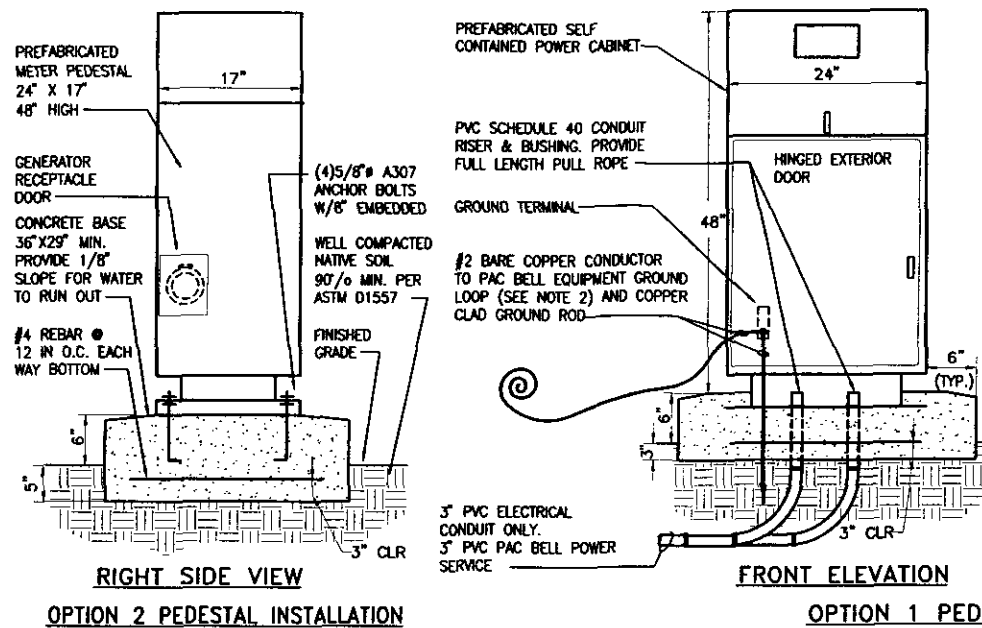


TYP. GND. ROD DETAIL SCALE: N.T.S. 4

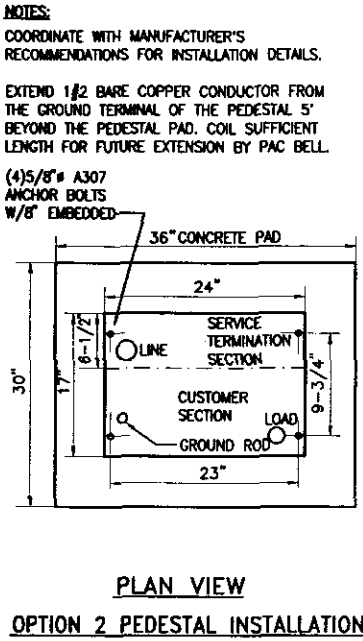
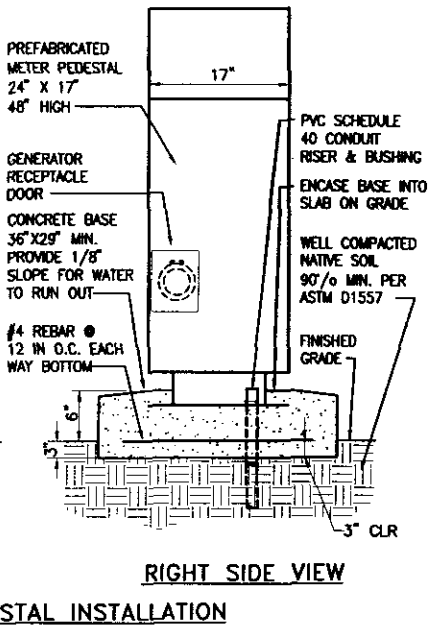
LSC 2016-9 PANEL LAYOUT

PANEL NO.	TYPE	DESCRIPTION	LOAD	WIRING	TERMINALS	NOTES
14	GEN. RECEPTACLE	100A, 4P, 4W	100A	100A	100A	SEE NOTE 1
15	100A MAIN CIRCUIT BREAKER	100A	100A	100A	100A	SEE NOTE 2
16	100A MANUAL TRANSFER INTERLOCK	100A	100A	100A	100A	SEE NOTE 3
17	100A 2P STAND BY GENERATOR CIRCUIT BREAKER	100A	100A	100A	100A	SEE NOTE 4
18	100A 2P MAIN CIRCUIT BREAKER	100A	100A	100A	100A	SEE NOTE 5

PANEL A SCALE: N.T.S. 5



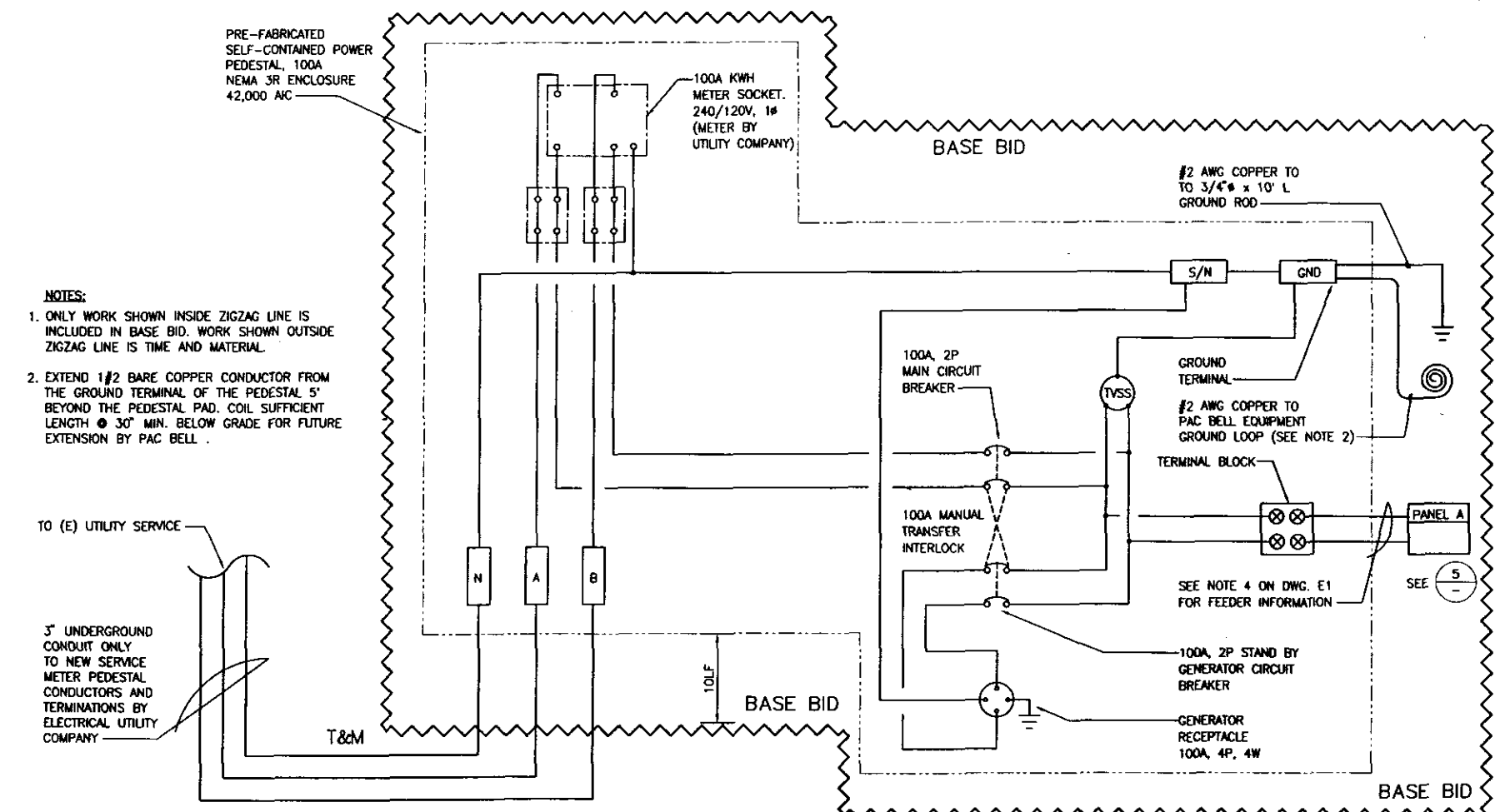
OPTION 1 PEDESTAL INSTALLATION



OPTION 2 PEDESTAL INSTALLATION

POWER PEDESTAL ELEVATION

SCALE: N.T.S. 2



SINGLE LINE DIAGRAM SCALE: N.T.S. 3

NOTES:  
 1. COORDINATE WITH MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION DETAILS.  
 2. EXTEND 1#2 BARE COPPER CONDUCTOR FROM THE GROUND TERMINAL OF THE PEDESTAL 5' BEYOND THE PEDESTAL PAD. COIL SUFFICIENT LENGTH FOR FUTURE EXTENSION BY PAC BELL.



ENRON ENERGY SERVICES NORTH AMERICA, INC.  
 12847 Avenida Boulevard, Suite 500  
 San Ramon, CA 94583  
 Telephone: 925-543-5550  
 Telefax: 925-543-5500



TD-1244M  
 PACT-SN-0122-144  
 Across From 880  
 North McDowell Blvd.  
 Petaluma  
 California  
 94954

ENR-0000-47

RECEIVED

MAR 01 2001

BUILDING DIV.

C 2-21-01 RE-ISSUED FOR PERMIT  
 B 1-10-01 ISSUED FOR PERMIT  
 A 12-06-00 ISSUED FOR REVIEW & UTILITY  
 NO. DATE DESCRIPTION

METER PEDESTAL INSTALLATION

PROJECT NUMBER: ENR-0000-47  
 DATE: AS NOTED  
 SCALE: AS NOTED

SINGLE LINE DIAGRAM, EQUIPMENT ELEVATION DETAILS

E2

10/17/02/20/2001 1:32 J:\Bidding\Company\ENR - Other Files\ENR-0000-47 ENR-0000-47.dwg (1:1) 10/17/02/20/2001 1:32 J:\Bidding\Company\ENR - Other Files\ENR-0000-47.dwg (1:1) 10/17/02/20/2001 1:32 J:\Bidding\Company\ENR - Other Files\ENR-0000-47.dwg (1:1)

## FIRE DEPT. FILES (SELECTED)





**City of Petaluma, California**  
 11 English Street  
 Petaluma, CA 94952

RECEIVED  
 JAN 04 2017  
 FIRE MARSHAL'S OFFICE

RECEIVED  
~~DEC 20 2017~~  
 1/3/2017  
 CITY CLERK  
 by fax

David Glass  
 Mayor

**REQUEST FOR PUBLIC RECORDS**

Chris Albertson  
 Teresa Barrett  
 Mike Healy  
 Gabe Kearney  
 Dave King  
 Kathy Miller  
 Councilmembers

NAME/COMPANY: Pinnacle Environmental Inc DATE: 12-29-2016  
 ADDRESS: PO Box 904  
 CITY: Clayton, CA ZIP: 94517  
 PHONE: 925-673-5500 EMAIL: pcloven@pei-env.com

The California Public Records Act gives members of the public the right to inspect and to obtain copies of reasonably identified, non-exempt, existing public records. Please list the requested records and be as specific as possible. City staff will be happy to assist records requesters by describing relevant City information technology, the location where records are kept, and by making suggestions for avoiding practical obstacles to obtaining the records sought. City staff will respond to most requests within ten (10) days of receiving a request. For some requests, such as those involving voluminous records, the City may take up to an additional fourteen (14) days to respond. The City will inform requesters when non-exempt records or parts of records will be provided, and whether any exemptions apply. The City will provide records requested in electronic form in the form requested if it is one in which the City maintains the records.

RECORDS SOUGHT: 4/  
890 N. McDowell Boulevard & 320 Corona Road, Petaluma

All records relevant to a Phase I ESA including the above  
addresses including, fire inspections, violations, haz mat  
use, above ground and underground storage tanks.

COPIES:  
 Would you like copies made? Yes No How many of each? \_\_\_\_\_  
 Would you like electronic records emailed?  Yes No

The City may require payment of the direct cost of duplication or of the applicable statutory fee before providing copies of public records. The direct cost of duplication of most City records is \$0.31 per page. City staff can provide copy charges for other media. Staff will inform requesters of estimated copying charges. Requests to ship copies may be subject to payment of shipping costs.

City Clerk  
 11 English Street  
 Petaluma, CA 94952

Phone 707.778.4360  
 FAX 707.778.4554

E-Mail  
 cityclerk@ct.petaluma.ca.us

STAFF USE ONLY:  
 Number of copies made at \$0.31 per page: \_\_\_\_\_  
 Retrieval cost (if applicable): \_\_\_\_\_  
 Shipping cost (if applicable): \_\_\_\_\_  
 Amount due: \_\_\_\_\_

NOTES: \_\_\_\_\_

*1/10/17  
 Called - will be in  
 1/12/17 to review files.  
 DP*



# PETALUMA FIRE DEPARTMENT OCCUPANCY

PERMIT REQUIRED (SEE BELOW) TO ENGINE COMPANY Shift \_\_\_\_\_

Street #:	Street Name & Suite Number:	Zip Code:

OCCUPANT INFORMATION:		BUILDING OWNER OR PROPERTY MANAGEMENT COMPANY:	
Business Name		Owner Name or Property Management Company	Phone
Occupant Name	Business Phone	Street Address	
Emergency Contact Name	Emergency #	City and State	Zip Code

MAILING NAME, ADDRESS, ZIP (below): \_\_\_\_\_ OR  Same As Occupant  Same As Owner / Manager

SQUARE FOOTAGE: \_\_\_\_\_ STORIES: \_\_\_\_\_ OCCUPANT LOAD (ASSEMBLIES ONLY): \_\_\_\_\_

**UBC OCCUPANCY TYPE**

- |                              |                              |                                |                              |                                   |
|------------------------------|------------------------------|--------------------------------|------------------------------|-----------------------------------|
| <input type="checkbox"/> A-1 | <input type="checkbox"/> E   | <input type="checkbox"/> H-4   | <input type="checkbox"/> I-4 | <input type="checkbox"/> R-3.1    |
| <input type="checkbox"/> A-2 | <input type="checkbox"/> F-1 | <input type="checkbox"/> H-5   | <input type="checkbox"/> L   | <input type="checkbox"/> R-4      |
| <input type="checkbox"/> A-3 | <input type="checkbox"/> F-2 | <input type="checkbox"/> I-1   | <input type="checkbox"/> M   | <input type="checkbox"/> S-1      |
| <input type="checkbox"/> A-4 | <input type="checkbox"/> H-1 | <input type="checkbox"/> I-2   | <input type="checkbox"/> R-1 | <input type="checkbox"/> S-2      |
| <input type="checkbox"/> A-5 | <input type="checkbox"/> H-2 | <input type="checkbox"/> I-2.1 | <input type="checkbox"/> R-2 | <input type="checkbox"/> U (MISC) |
| <input type="checkbox"/> B   | <input type="checkbox"/> H-3 | <input type="checkbox"/> I-1.3 | <input type="checkbox"/> R-3 | <input type="checkbox"/>          |

REF # IF ANNUAL PERMIT, Inspector, Initial and Date: \_\_\_\_\_

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> AEROSOL PRODUCTS</li> <li>2. <input type="checkbox"/> AIRCRAFT REPAIR HANGAR</li> <li>3. <input type="checkbox"/> AUTOMOBILE WRECKING YARD</li> <li>4. <input type="checkbox"/> COMBUSTIBLE FIBER STORAGE</li> <li>5. <input type="checkbox"/> COMBUSTIBLE MATERIAL STORAGE</li> <li>6. <input type="checkbox"/> a. DAY CARE COMMERCIAL<br/><input type="checkbox"/> b. DAY CARE RESIDENTIAL</li> <li>7. <input type="checkbox"/> DRY CLEANING PLANTS</li> <li>8. <input type="checkbox"/> DUST PRODUCING OPERATIONS</li> <li>9. <input type="checkbox"/> GARAGES</li> <li>10. <input type="checkbox"/> HIGH PILED COMBUSTIBLE STORAGE</li> <li>11. <input type="checkbox"/> INSTITUTIONAL OCCUPANCY 50 or more</li> <li>12. <input type="checkbox"/> INSTITUTIONAL OCCUPANCY fewer than 50</li> </ol> | <ol style="list-style-type: none"> <li>13. <input type="checkbox"/> JUNK YARDS</li> <li>14. <input type="checkbox"/> LUMBER YARDS</li> <li>15. <input type="checkbox"/> MAGNESIUM WORKING</li> <li>16. <input type="checkbox"/> ORGANIC COATINGS</li> <li>17. <input type="checkbox"/> OVENS, INDUSTRIAL BAKING OR DRYING</li> <li>18. <input type="checkbox"/> PLACES OF ASSEMBLY 300 or more</li> <li>19. <input type="checkbox"/> PLACES OF ASSEMBLY fewer than 300</li> <li>20. <input type="checkbox"/> RADIOACTIVE MATERIALS</li> <li>21. <input type="checkbox"/> SPRAYING OR DIPPING</li> <li>22. <input type="checkbox"/> TIRE STORAGE</li> <li>23. <input type="checkbox"/> WASTE MATERIAL HANDLING PLANT</li> <li>24. <input type="checkbox"/> HAZARDOUS MATERIALS</li> <li>25. <input type="checkbox"/> RESIDENTIAL CARE FACILITY ELDERLY</li> </ol> |
|---|--|

Added to Billing System:  YES  NO To File

ADDRESS: *330 Corona Rd*

BUSINESS NAME:

PERMITTED  YES  NO



# CITY OF PETALUMA

POST OFFICE BOX 61  
PETALUMA, CA 94953-0061

FILE COPY

David Glass  
Mayor

November 4, 2015

Chris Albertson  
Teresa Barrett  
Mike Healy  
Gabe Kearney  
Dave King  
Kathy Miller  
Councilmembers

Ramon Leon  
RRL Logistics LLC  
1434 S Willow Ave.  
Rialto, CA 92376

Jeffrey Mayne (property owner)  
Excel Mortgage Solutions  
Via Email

## RE: 320 CORONA ROAD: POTENTIAL ILLEGAL VEHICLE REPAIR

During a recent fire inspection of the property noted above, I noticed a large, dark stain on the ground under the metal canopy on the Northeast side of the property adjacent to the railroad tracks. The stain appeared to be from waste oil and is indicative of vehicle repair operations, however, no source of the oil was evident and I saw no vehicle repair being conducted. Carlos Mendez, the tenant, explained that he stores tools and equipment on-site and conducts mobile truck repair off-site. I informed him that vehicle repair may not be conducted on this property and he confirmed that no such activities were taking place.

This letter is to inform all parties associated with this property that vehicle repair operations may not be conducted on this site. However, storage of vehicles and equipment is acceptable.

If you have any questions, please contact me at 707-778-4574 or by email at [pdueweke@ci.petaluma.ca.us](mailto:pdueweke@ci.petaluma.ca.us).

Paula Dueweke  
Fire Inspector

Fire Department  
198 "D" Street  
Petaluma, CA 94952

Phone (707) 778-4390  
Fax (707) 762-4547

cc: Fire Marshal

Prevention Bureau  
11 English Street  
Petaluma, CA 94952

Phone (707) 778-4389  
Fax (707) 776-3642

**Dueweke, Paula**

---

**From:** Dueweke, Paula  
**Sent:** Thursday, November 05, 2015 4:53 PM  
**To:** 'Jeffrey Mayne'  
**Subject:** RE: 320 Corona Rd - Vehicle Repair

Jeffery:

Thank you for being so proactive with this. This started as a complaint from one tenant against the other so I thought it best to take a look and put my observations in writing.

I'm considering the matter resolved.

If you have any questions, don't hesitate to ask.

Thank you,

Paula

---

**From:** Jeffrey Mayne [<mailto:jeff@xlmortgagesolutions.com>]  
**Sent:** Thursday, November 05, 2015 4:50 PM  
**To:** Dueweke, Paula  
**Subject:** RE: 320 Corona Rd - Vehicle Repair

Hello Paula,

Since the time that my investors were required to take over the property from the former owners, I have met with every existing tenant personally. I have also met with every new tenant that has occupied the property since my investor's ownership.

In every single case, we have discussed what would be allowed, what would not be allowed and the intended use of the land by each tenant.

Just to be clear, we have informed all tenants that any vehicle repair on-site is forbidden and is unacceptable to us. Each tenant has previously, and continues to stress that they are not performing on-site vehicle repair.

Thank you for your communication and we look forward to working together to ensure this property remains safe and in compliance with your regulations.

Jeff

Jeffrey B. Mayne, President

Excel Mortgage Solutions      Sonoma Equity Lending

(bank loans)

(private money)

(707) 766-8584

(707) 763-1142

Fax (707) 773-5522

[jeff@xlmortgagesolutions.com](mailto:jeff@xlmortgagesolutions.com)      [jmayne@sonomaequity.biz](mailto:jmayne@sonomaequity.biz)

[www.xlmortgagesolutions.com](http://www.xlmortgagesolutions.com)

222 Weller St. Ste. 2 Petaluma, Ca 94952

**Dueweke, Paula**

---

**From:** Garcia, Joe  
**Sent:** Tuesday, October 13, 2015 7:26 AM  
**To:** Dueweke, Paula  
**Subject:** RE: 320 Corona Rd.

Facili  
Site /  
Own  
  
  
  
Inst

Jeffrey B. Mayne, President

Excel Mortgage Solutions      Sonoma Equity Lending

2012  
→  
(K)

Joe Garcia  
Neighborhood Preservation Coordinator  
Code Enforcement Division  
City of Petaluma Police Department  
707-778-4558

---

**From:** Dueweke, Paula  
**Sent:** Wednesday, October 07, 2015 7:23 AM  
**To:** Garcia, Joe  
**Subject:** 320 Corona Rd.

Good morning, Joe.  
When you get back will you send me the property owner contact info for this parcel? Also, fill me in on any other info you think might be of interest (didn't you recently deal with the property owner on some issue?). One of the tenants on the lot is conducting commercial truck repair and I'm going to send him a cease and desist order. I'll forward to you the action report with my notes.  
Thanks

PAULA K. DUEWEKE | FIRE INSPECTOR | PETALUMA FIRE DEPARTMENT  
11 ENGLISH STREET | PETALUMA, CA  
707.778.4574  
[PDUEWEKE@CI.PETALUMA.CA.US](mailto:PDUEWEKE@CI.PETALUMA.CA.US)





# City of Petaluma Fire Department

11 English Street - Petaluma, California 94952

Fire Prevention Bureau

Telephone: (707) 778-4389 / Facsimile: (707) 776-3642

## FIRE INSPECTION / HAZARDOUS MATERIALS NOTICE

Facility Name \_\_\_\_\_ Date 10/6/15  
 Site Address Corona Rd @ N McD  
 Owner/Operator \_\_\_\_\_ Phone \_\_\_\_\_

Type of Inspection Inspection Consolidation

Routine  Re-inspection/Follow-up  Combined Routine Inspection EPA ID# \_\_\_\_\_  
 Complaint  Citation  Integrated Inspection

CONSENT TO INSPECT GRANTED BY (Name / Title): \_\_\_\_\_  
 Inspection may involve obtaining photographs, review and copying of records, and determination of compliance with hazardous waste handling requirements.

### NOTICE OF VIOLATION/SUMMARY OF VIOLATION - CORRECTION REQUIRED

1434 S. Willow Ave Rialto, CA 92376, ramonleon18@yahoo.com  
Leon Truck repair No Business license  
Ramon 714 3300 25 years  
RAL Logistics LLC Carlos Dias Monday on site  
(707) 333 2209 Alejandro (driver) (707) 331-8678 employee  
No waste oil/filters coolant on site  
No oil changes  
Small mechanical repairs 11633 S. Bluff Rd. Mantelbello CA 90640  
only equip stored on site (323) 278 9957  
Mobile tractor/trailer off site

ORDER TO COMPLY: To bring your facility into compliance with applicable local, state, and/or National Fire Codes and ordinances, you are hereby required to correct the above noted Fire and/or Safety Hazards and/or obtain Fire Permits required. A re-inspection will be conducted on or after \_\_\_\_\_. Failure to comply with the foregoing order may render you liable to the penalties provided by law for such violations.

INSPECTION OFFICER SIGNATURE \_\_\_\_\_ Initials \_\_\_\_\_  
 PETALUMA FIRE DEPARTMENT 2nd Inspection  
 11 English Street  
 Petaluma CA 94952  
 (707) 778-4389

REPRESENTATIVE SIGNATURE \_\_\_\_\_ Initials \_\_\_\_\_  
 Check appropriate box:  
 MANAGER  
 BUILDING REPRESENTATIVE  
 OWNER  OTHER \_\_\_\_\_

SECOND RE-INSPECTION DATE: \_\_\_\_\_

HAZARDOUS WASTE GENERATOR MINOR VIOLATIONS - Return to compliance pursuant to Health & Safety Code Section 25187.8(b), I certify that this facility has complied with this notice to comply.

REPRESENTATIVE SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
 White: To Representative Yellow: Inspection Officer/Street File  
 (S:\Fire Prevention\Forms\Fire Insp HazMat Notice-0909.doc)

769-6035

# PETALUMA FIRE DEPARTMENT OCCUPANCY SET UP INFORMATION

PERMIT REQUIRED  (SEE BELOW) TO ENGINE COMPANY  Shift \_\_\_\_\_

Street #: 320	Street Name & Suite Number: CORONA RD	Zip Code:
------------------	--	-----------

**OCCUPANT INFORMATION:**

Business Name: MATHESON Trucking

Occupant Name: \_\_\_\_\_ Business Phone: \_\_\_\_\_

Emergency Contact Name: \_\_\_\_\_ Emergency Phone: \_\_\_\_\_

**BUILDING OWNER, OR PROPERTY MANAGEMENT COMPANY:**

Owner Name or Property Management Company: Robert Galley 707 266 9620 Phone

Street Address: \_\_\_\_\_

City and State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

MAILING NAME, ADDRESS, ZIP (below): \_\_\_\_\_ OR  Same As Owner  Same As Occupant

SQUARE FOOTAGE: \_\_\_\_\_ STORIES: \_\_\_\_\_ OCCUPANT LOAD (ASSEMBLIES ONLY): \_\_\_\_\_

**UBC OCCUPANCY TYPE**

- A-1  A-2  A-2.1  A-3  A-4
- B
- E-1  E-2  E-3
- F-1  F-2
- H-1  H-2  H-3  H-4
- H-5  H-6  H-7
- I-1.1  I-1.2  I-2  I-3
- M
- R-1  R-2.1  R-2.2  R-2.1.1
- R-2.2.1  R-3 Day Care
- S-1  S-2  S-3  S-4  S-5
- Other: \_\_\_\_\_

**IF HAZ-MAT PERMIT, Inspector, Initial and Date:** \_\_\_\_\_

- Range I
- Range II
- Range III
- Range IV
- Range V
- Range VII
- Range VIII
- UGST
- AGST
- CalARP
- Waste Level: \_\_\_\_\_

**REF # IF ANNUAL PERMIT, Inspector, Initial and Date:** \_\_\_\_\_

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1. <input type="checkbox"/> AEROSOL PRODUCTS</li> <li>2. <input type="checkbox"/> AIRCRAFT REPAIR HANGAR</li> <li>3. <input type="checkbox"/> AUTOMOBILE WRECKING YARD</li> <li>4. <input type="checkbox"/> COMBUSTIBLE FIBER STORAGE</li> <li>5. <input type="checkbox"/> COMBUSTIBLE MATERIAL STORAGE</li> <li>6. <input type="checkbox"/> a. DAY CARE COMMERCIAL</li> <li>   <input type="checkbox"/> b. DAY CARE RESIDENTIAL</li> <li>7. <input type="checkbox"/> DRY CLEANING PLANTS</li> <li>8. <input type="checkbox"/> DUST PRODUCING OPERATIONS</li> <li>9. <input type="checkbox"/> GARAGES</li> <li>10. <input type="checkbox"/> HIGH PILED COMBUSTIBLE STORAGE</li> </ul> | <ul style="list-style-type: none"> <li>11. <input type="checkbox"/> INSTITUTIONAL OCCUPANCY 50 or more</li> <li>12. <input type="checkbox"/> INSTITUTIONAL OCCUPANCY less than 50</li> <li>13. <input type="checkbox"/> JUNK YARDS</li> <li>14. <input type="checkbox"/> LUMBER YARDS</li> <li>15. <input type="checkbox"/> MAGNESIUM WORKING</li> <li>16. <input type="checkbox"/> ORGANIC COATINGS</li> <li>17. <input type="checkbox"/> OVENS, INDUSTRIAL BAKING OR DRYING</li> <li>18. <input type="checkbox"/> PLACES OF ASSEMBLY 300 or more</li> <li>19. <input type="checkbox"/> PLACES OF ASSEMBLY less than 300</li> <li>20. <input type="checkbox"/> RADIOACTIVE MATERIALS</li> <li>21. <input type="checkbox"/> SPRAYING OR DIPPING</li> <li>22. <input type="checkbox"/> TIRE STORAGE</li> <li>23. <input type="checkbox"/> WASTE MATERIAL HANDLING PLANT</li> </ul> |
|--|---|

Plans Examiner Completed, Initial and Date: \_\_\_\_\_ PM Secretary Completed, Initial and Date: \_\_\_\_\_

Additional Forms Processed, if applicable: \_\_\_\_\_ Added to Billing System:  YES  NO To File

Shell finalized, waiting for Tenant Improvement \_\_\_\_\_ Date & Initial \_\_\_\_\_ Tenant Improvement finalized \_\_\_\_\_ Date & Initial \_\_\_\_\_

ADDRESS 320 Corona Rd

BUSINESS MATHESON Trucking

PERMITTED  YES  NO

ARCHIVED



# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Prevention Bureau (707) 778-4389

## FIRE INSPECTION NOTICE AND/OR FIRE DEPARTMENT PERMITS REQUIRED

Initial Inspection Date: June 21, 2007  
 Station / Shift: 101  
 (Address) 320 Corona Rd (Phone) 206 91620  
 (Business Name) Matheson Trucking Contact Person - Please Print Robert

- 1  FIRE PERMIT REQUIRED - To FM Office -  
 \*Reference back of form for permit definitions.
- 2  Yes  No BUSINESS LICENSE CURRENT
- 3  Yes  No KNOX BOX CHECKED
- 4  NO HAZARDS NOTED

### GENERAL/HOUSEKEEPING:

- 5  901.4.4 Address Numbers required
- \*\*6  902.4 Knox Box required/access
- 7  1103.2.4 Cut or undercut weeds, grass, vines and other vegetation shall be removed when determined to be a hazard
- 8  1111.1 Restore required FR construction
- \*9  17.20.1111.1 Restore Breaches in Non-Rated Walls and Ceilings
- 10  1103.2.1.2 Remove accum. of comb. material adjacent to bldg
- 11  1103.2.1.3 Oily Rags - Store in non-combustible container
- 12  1103.2.2.1 Dumpsters prohibited within 5' of combustible wall
- \*13  17.20.1103.2.2.1 Dumpsters - Lids secured & locked
- 14  1103.3.2.4 Storage Prohibited in Mechanical/Electrical Rooms
- 15  1103.3.2.1 Storage of Combustible Materials in bldgs shall be orderly
- 16  1103.3.2.5 Combustible Storage not permitted in attics - Unless protected by approved automatic sprinkler system
- 17  1210.3 Stairway - storage beneath prohibited unless FR
- 18  7902.5.9 Provide flammable liquid storage cabinet
- 19  7401.6.4 Compressed Gas Cylinders - Secure
- 20  8001.6 Provide Material Safety Data Sheets

### EXITING:

- 21  1203 Obstructing the width of exits prohibited
- 22  1207 Maintain Egress Doors - Exits shall be openable
- 23  1207.3 Exits - Remove illegal locking devices
- 24  1207.4 Exit Doors - Panic hardware Required
- 25  1211.1 Provide Exit Illumination - Emergency Lighting
- 26  1212.2 Exit Signs - Indicate direction of exit
- 27  1212.3 Exit Sign Graphics - Minimum 6" letters
- 28  1212.4 Exit Signs - Maintain illumination
- 29  1207.3 Provide Sign: "This Door to Remain Unlocked During Business Hours"

### FIRE EXTINGUISHING:

- 30  T19-575.1 Provide yearly service of extinguisher(s)
- 31  T19-567(b) Provide "2A 10BC" Class fire extinguisher
- 32  T19-567(h) Provide Fire Extinguishers on each floor level
- 33  T19-563.2 Fire Extinguisher to be accessible & visible
- 34  T19-563.8 Mount Extinguisher on Wall 3'-5" from floor
- \*\*35  1005.2.1 Fixed Extinguishing System - Protection of kitchen grease
- 36  1005.2.7 Fixed Extinguishing System - 40BC Extinguisher required
- 37  1005.2.8 Fixed Extinguishing System - Remove grease buildup
- 38  1005.2.8 Fixed Extinguishing System - Semi-annual service required
- 39  T19-904(a) 3 Auto-Sprinklers maintained operable Quarterly Inspection
- 40  T19-904(a) 4 Auto-Sprinklers Certification due every 5 years
- 41  NFPA 13-4-2.5.1 Provide 18" clearance below sprinklers
- 42  NFPA 13-3-5 Provide spare heads/Wrench/Cabinet
- 43  NFPA 13-3-1.1 Replace heads/Damage/Painted/etc
- 44  NFPA 13 Provide Sprinklers in unprotected area
- 45  T19-904(a) 1 Standpipe Systems Maintained/Semi-Annually
- 46  T19-904(a) 2 Standpipe Systems Certification due Every 5 Years
- 47  1001.8 Marking of Fire-Protection Equipment and Fire Hydrants
- 48  1001.5.1 Fire Alarm Systems/Maintenance and Testing
- 49  HSC 131 13.7 Provide/Maintain Smoke Detector in Each Dwelling Unit

### ELECTRICAL:

- 50  8504 Abatement of electrical hazards
- 51  8506 Extension Cords - Prohibited Use
- 52  8507 Multiple Adapters - Prohibited Use
- 53  8509.2 Electrical Panels Access - Minimum of 30" clearance
- 54  8509.3 Mark Electrical panels legibly
- 55  8508.2 Provide Approved Power Tap with Circuit Breaker

(\*) - Specific to Fire Zone 1 - Defined as The Downtown Business District  
 (\*\*) - Contact Fire Marshal's office for clarification and/or assistance

White - Rep. Yellow - Rep. Pink - Rep. Goldenrod - File or FSI

ORDER TO COMPLY: To bring your facility into compliance with applicable State and/or Local Fire Codes and Ordinances, you are hereby required to correct the noted Fire and Safety Hazards and/or obtain required Fire Permits. A re-inspection will be conducted on or after:

ORDER TO COMPLY DATE/ Inspector/Station # Rep's Initial  
 \_\_\_\_\_ Rep's Initial  
 \_\_\_\_\_ Rep's Initial

Failure to comply with the foregoing order before the re-inspection may render you liable to the penalties provided by law for such violations.

X \_\_\_\_\_ Building Representative's SIGNATURE (upon initial inspection)

X Martin McFarlane Inspection Officer's PRINT NAME/STATION # (initial inspection)

X \_\_\_\_\_ Inspection Officer's SIGNATURE (initial inspection)

NONE



# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Marshal's Office (707) 778-4389

## FIRE INSPECTION NOTICE AND/OR FIRE DEPARTMENT PERMITS REQUIRED

2/18/05  
 Initial Inspection Date  
 Station / Shift 3/C  
 320 Corona Rd  
 (Address) (Phone)  
 Matheson Truck Co  
 (Business Name) Contact Person - Please Print

- 1  FIRE PERMIT REQUIRED - To FM Office -  
 \*Reference back of form for permit definitions.  
 2  Yes  No BUSINESS LICENSE CURRENT  
 3  Yes  No KNOX BOX CHECKED  
 4  NO HAZARDS NOTED

### GENERAL/HOUSEKEEPING:

- 5  901.4.4 Address Numbers required  
 \*\*6  902.4 Knox Box required/access  
 7  1103.2.4 Cut or mow weeds, grass, vines and other vegetation shall be removed when determined to be a hazard  
 8  1111.1 Restore required FR construction  
 \*9  17.20.1111.1 Restore Breaches in Non-Rated Walls and Ceilings  
 10  1103.2.1.2 Remove accum. of comb. material adjacent to bldg  
 11  1103.2.1.3 Oily Rags - Store in non-combustible container  
 12  1103.2.2.1 Dumpsters prohibited within 5' of combustible wall  
 \*13  17.20.1103.2.2.1 Dumpsters - Lids secured & locked  
 14  1103.3.2.4 Storage Prohibited in Mechanical/Electrical Rooms  
 15  1103.3.2.1 Storage of Combustible Materials in bldgs shall be orderly  
 16  1103.3.2.5 Combustible Storage not permitted in attics - Unless protected by approved automatic sprinkler system  
 17  1210.3 Stairway - storage beneath prohibited unless FR  
 18  7902.5.9 Provide flammable liquid storage cabinet  
 19  7401.6.4 Compressed Gas Cylinders - Secure  
 20  8001.6 Provide Material Safety Data Sheets

### EXITING:

- 21  1203 Obstructing the width of exits prohibited  
 22  1207 Maintain Egress Doors - Exits shall be operable  
 23  1207.3 Exits - Remove illegal locking devices  
 24  1207.4 Exit Doors - Panic hardware Required  
 25  1211.1 Provide Exit Illumination - Emergency Lighting  
 26  1212.2 Exit Signs - Indicate direction of exit  
 27  1212.3 Exit Sign Graphics - Minimum 6" letters  
 28  1212.4 Exit Signs - Maintain illumination  
 29  1207.3 Provide Sign - "This Door to Remain Unlocked During Business Hours"

### FIRE EXTINGUISHING:

- 30  T19-575.1 Provide yearly service of extinguisher(s)  
 31  T19-567(b) Provide "2A, 10BC" Class fire extinguisher  
 32  T19-567(b) Provide Fire Extinguishers on each floor level  
 33  T19-563.2 Fire Extinguisher to be accessible & visible  
 34  T19-563.8 Mount Extinguisher on Wall 3'-5" from floor  
 35  1005.2.1 Fixed Extinguishing System - Protection of kitchen grease  
 36  1005.2.7 Fixed Extinguishing System - 40BC Extinguisher required  
 37  1005.2.8 Fixed Extinguishing System - Remove grease buildup  
 38  1005.2.8 Fixed Extinguishing System - Semi-annual service required  
 39  T19-904(a) 3 Auto-Sprinklers maintained operable/Quarterly Inspection  
 40  T19-904(a) 4 Auto-Sprinklers Certification due every 5 years  
 41  NFPA 13-4.2.5.1 Provide 18" clearance below sprinklers  
 42  NFPA 13-3-5 Provide spare heads/Wrench/Cabinet  
 43  NFPA 13-3-11 Replace heads/Damage/Painted/etc.  
 44  NFPA 13 Provide Sprinklers in unprotected area  
 45  T19-904(a) 1 Standpipe Systems Maintained/Semi-Annually  
 46  T19-904(a) 2 Standpipe Systems Certification due Every 5 Years  
 47  1001.5 Marking of Fire-Protection Equipment and Fire Hydrants  
 48  1001.5.1 Fire Alarm Systems/Maintenance and Testing  
 49  HSC131 13.7 Provide/Maintain Smoke Detector in Each Dwelling Unit

### ELECTRICAL:

- 50  8504 Abatement of electrical hazards  
 51  8506 Extension Cords - Prohibited Use  
 52  8507 Multiple Adapters - Prohibited Use  
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(\*) - Specific to Fire Zone 1 - Defined as The Downtown Business District  
 (\*\*) - Contact Fire Marshal's office for clarification and/or assistance

White - Rep. Yellow - Rep. Pink - Rep. Goldsmid - File or T&E

ORDER TO COMPLY: To bring your facility into compliance with applicable State and/or Local Fire Codes and Ordinances, you are hereby required to correct the noted Fire and Safety Hazards and/or obtain required Fire Permits. A re-inspection will be conducted on or after:

ORDER TO COMPLY DATE/ Inspector/Station # Rep's Initial  
 \_\_\_\_\_ Rep's Initial  
 \_\_\_\_\_ Rep's Initial

Failure to comply with the foregoing order before the re-inspection may render you liable to the penalties provided by law for such violations.

*[Signature]*  
 Building Representative's SIGNATURE (upon initial inspection)

*[Signature]*  
 Inspection Officer's PRINT NAME/STATION # (initial inspection)

*[Signature]*  
 Inspection Officer's SIGNATURE (initial inspection)

**PETALUMA FIRE DEPARTMENT  
Occupancy Inspection Record**

*Bus license # 9346400*

Type Business Backhoe Service Occ. Class \_\_\_\_\_

Owner/Mgr Larry Drew Phone 974-0490

Address \_\_\_\_\_

Buildg. Owner \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

Emergency Contact Dennis Anderson Phone 778-6491

Emergency Contact Dennis Drew Phone 763-0054

General Information  
Mailing Address  
1500 Corcoran Rd  
Rt 7 CA 94954

Haz. Materials          F.M. Referral          Smoking Variance

Date	Type	Date	Type	Date	Type	Date	Type
4/22/79	Comp.						
4/25/81	Reg.						
10/14/81	Comp.						
5/27/83	Reg.						
1/2/84	Comp.						
2/15/85	Not Ins.						
10/2/02	Not Ins.						

Type    Reg.    Re.    Comp.

Address

300 Corcoran Rd

---

Business

Larry Drew

---

Phone

762-3411

**ARCHIVED**





# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Marshal's Office (707) 778-4389

## NOTICE OF FIRE SAFETY HAZARDS AND/OR FIRE DEPARTMENT PERMITS REQUIRED

5/27/03  
Initial Inspection Date      2nd Inspection Date      3rd Inspection Date

Larry Dean  
(Business Name)      Contact Person - Please Print

320 Corona Rd      767-2947  
(Address)      (Phone)

Need to Service Extinguisher  
OK  
1/4

Mailed 5/28/03 by Pat.

We would like to re inspect

ORDER TO COMPLY: To bring your facility into compliance with applicable State and/or Local Fire Codes and Ordinances, you are hereby required to correct the noted Fire and Safety Hazards and/or obtain required Fire Permits. A re-inspection will be conducted on or after:

ORDER TO COMPLY 1st RE-INSPECTION DATE      Representative's Initial

ORDER TO COMPLY 2nd RE-INSPECTION DATE      Representative's Initial

ORDER TO COMPLY 3rd RE-INSPECTION DATE      Representative's Initial

Failure to comply with the foregoing order before the re-inspection may render you liable to the penalties provided by law for such violations.

X Building Representative's SIGNATURE (upon initial inspection)

JC Colorado  
707-778-4367  
X Inspection Officer's SIGNATURE (upon initial inspection)

FOR OFFICE USE ONLY:

1  NO HAZARDS NOTED

### FIRE EXTINGUISHING:

- 2  1006.2.1 Fixed Extinguishing System - Protection of Kitchen Grease
- 3  1006.2.7-2.7 Fixed Extinguishing System - 40BC Extinguisher Required
- 4  1006.2.8 Fixed Extinguishing System - Remove Grease Buildup
- 5  1006.2.8 Fixed Extinguishing System - Semi-Annual Service Required
- 6  T19-567(b) Provide "2A 10BC" Fire Extinguisher
- 7  T19-563.2 Fire Extinguisher to be Accessible & Visible
- 8  T19-563.8 Mount extinguisher on wall 3-5' from floor
- 9  T19-575.1 Provide Yearly Service of Extinguisher
- 10  T19-904(a) 1 Standpipe Systems Maintained/Semi-Annually
- 11  T19-904(a) 2 Standpipe Systems Certification due Every 5 Years
- 12  T19-904(a) 3 Auto-sprinklers maintained operable/Quarterly Inspection
- 13  T19-904(a) 4 Auto-sprinklers certification due every 5 years
- 14  NFPA 13-4-2.5.1 Provide 18" clearance below sprinklers
- 15  NFPA 13-3-5 Provide Spare Heads/Wrench/Cabinet
- 16  NFPA 13-3-1.1 Replace Heads/Damage/Painted/Etc.
- 17  NFPA 13 Provide sprinklers in unprotected area
- 18  1001.4 Fire Alarm Systems/Maintenance and Testing
- 19  HSC131 13.7 Provide/maintain Smoke Detector in each Dwelling Unit

### ELECTRICAL:

- 20  8504 Abatement of Electrical Hazards
- 21  8506 Extension Cords - Prohibited Use
- 22  8507 Multiple Adapters - Prohibited Use
- 23  8509.2 Electrical Panels Access - Minimum of 30" clearance
- 24  8509.3 Mark Electrical Panels Legibly
- 25  8508 Provide Approved Power Tap with Circuit Breaker

### EXITING:

- 26  1203 Obstructing the Width of Exits Prohibited
- 27  1207 Maintain Egress Doors, Exits Shall be Operable
- 28  1207.3 Exits-Remove Illegal Locking Devices
- 29  1207.4 Exit Doors - Panic Hardware Required
- 30  1211.1 Provide Exit Illumination - Emergency Lighting
- 31  1212.1 Exit Signs - Indicate Direction of Exit
- 32  1212.3 Exit Sign Graphics - Min. 6" Letters
- 33  1212.4 Exit Signs - Maintain Illumination
- 34  1207.3 Provide Sign "This Door to Remain Unlocked During Business Hours"

### GENERAL:

- 35  901.4.4 Address Numbers Required
- 36  902.4 Key Box Required/Access
- 37  1111.1 Restore Required FR Construction
- 38  LOCK BOX KEYS CHECKED
- 39  1103.2.1.2 Remove Accumulation of Comb. Material Adjacent to Bldg.
- 40  1103.2.1.3 Oily Rags - Store in non-combustible container
- 41  1103.2.2 Dumpsters prohibited within 5' of Combustible Wall
- 42  1103.3.2.4 Storage Prohibited in Mechanical/Electrical Rooms
- 43  1103.3.2.5 Combustible Storage not permitted in attics
- 44  1210.3 Stairway - storage beneath prohibited unless FR
- 45  7902.5.9 Provide flammable liquid storage cabinet
- 46  7401.6.4 Compressed Gas Cylinders - Secure
- 47  8001.6 Provide Material Safety Data Sheets

### PERMITS:

- 48  Aerosol Products
- 49  Aircraft Repair Hangar
- 50  Auto Wrecking Yard
- 51  Comb. Fiber Storage
- 52  Comb. Material Storage
- 53  Day Care
- 54  Dry Cleaning Plant
- 55  Dust Producing Operations
- 56  Garages
- 57  High Piled Comb. Storage
- 58  Institutional Occup. -50 more
- 59  Institutional Occup. - less than 50
- 60  Junk Yards
- 61  Lumber Yards
- 62  Magnesium Working
- 63  Organic Coatings
- 64  Ovens, Indust. Baking/Drying
- 65  Places of Assembly-300 or more
- 66  Places of Assembly-less than 300
- 67  Radioactive Materials
- 68  Spraying or Dipping
- 69  Tire Storage
- 70  Waste Material Handling Plant
- 71  Hazardous Materials

White - Rep.      Yellow - Rep.      Pink - Rep.      Golden Rod - File or FM

## PETALUMA FIRE DEPARTMENT Occupancy Inspection Record

Type Business FUEL CARDLOCK Occ. Class B-1  
 Owner/Mgr. HEROLD MAHONEY / JIM DALNTON Phone \_\_\_\_\_  
 Address 1501 Pet Blvd So.  
 Bldg. Owner \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_  
 Emergency Contact JIM DALNTON Phone 763 7033  
 Emergency Contact \_\_\_\_\_ Phone \_\_\_\_\_  
 General Information \_\_\_\_\_

Address  
320 Corona Rd  
Business  
Royal Petroleum  
Phone  
763-1521

Haz. Materials		F.M. Referral		Smoking Variance	

Date	Type	Date	Type	Date	Type	Date	Type
1-8-92	REG						
1-24-92	Cloned						
1-31-92	Comp						
9-23-92	Reg.						
7/7/97	Comp						
4/13/94	Comp						
10/1/97	Comp						
4-12-99	Comp						
12/07/01	Comp						
3/25/03	Comp						
6/21/01	VACANT						

Type    Reg.    Re.    Comp.

Wed. 10/1 9:00 AM



# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Marshal's Office (707) 778-4389

## FIRE INSPECTION NOTICE AND/OR FIRE DEPARTMENT PERMITS REQUIRED

2/15/05  
Initial Inspection Date  
2/c  
Station / Shift  
320 Covarr  
(Address) (Phone)  
Royal Petroleum  
(Business Name) Contact Person - Please Print

- 1  FIRE PERMIT REQUIRED - To FM Office -  
\*Reference back of form for permit definitions.
- 2  Yes  No BUSINESS LICENSE CURRENT
- 3  Yes  No KNOX BOX CHECKED
- 4  NO HAZARDS NOTED

### GENERAL/HOUSEKEEPING:

- 5  901.4.4 Address Numbers required
- \*\*6  902.4 Knox Box required/access
- 7  1103.2.4 Cut or uncut weeds, grass, vines and other vegetation shall be removed when determined to be a hazard
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- 29  1207.3 Provide Sign: "This Door to Remain Unlocked During Business Hours"

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- 31  T19-567(b) Provide "2A 10BC" Class fire extinguisher
- 32  T19-567(h) Provide Fire Extinguishers on each floor level
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Rep's Initial

Rep's Initial

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X \_\_\_\_\_  
Building Representative's SIGNATURE (upon initial inspection)

X Norin  
Inspection Officer's PRINT NAME/STATION # (initial inspection)

X \_\_\_\_\_  
Inspection Officer's SIGNATURE (initial inspection)

White - Rep. Yellow - Rep. Pink - Rep. Goldenrod - File or FM



# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Marshal's Office (707) 778-4389

## NOTICE OF FIRE SAFETY HAZARDS AND/OR FIRE DEPARTMENT PERMITS REQUIRED

NO HAZARDS NOTED

Initial Inspection Date      2nd Inspection Date      3rd Inspection Date

(Business Name)      Contact Person - Please Print

(Address)      (Phone)

*Handwritten: Hazardous Waste*

*Handwritten: (36)*

*Handwritten: [Signature]*

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### PERMITS:

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- 49  Aircraft Repair Hangar
- 50  Auto Wrecking Yard
- 51  Comb. Fiber Storage
- 52  Comb. Material Storage
- 53  Day Care
- 54  Dry Cleaning Plant
- 55  Dust Producing Operations
- 56  Garages
- 57  High Piled Comb. Storage
- 58  Institutional Occup. -50 more
- 59  Institutional Occup. - less than 50
- 60  Junk Yards
- 61  Lumber Yards
- 62  Magnesium Working
- 63  Organic Coatings
- 64  Overs. Indust. Baking/Drying
- 65  Places of Assembly-300 or more
- 66  Places of Assembly-less than 300
- 67  Radioactive Materials
- 68  Spraying or Dipping
- 69  Tire Storage
- 70  Waste Material Handling Plant
- 71  Hazardous Materials

White - Rep      Yellow - Rep      Pink - Rep      Golden Rod - File or FM



320 CORONA RD



# HMMP COVER & STATISTICAL DATA SHEET

*Inspector, please print name and/or check/circle as appropriate for Secretary.*

- NEW SITE**  
(Create new file record in both Access and CUPA database)
- NEW BUSINESS, ADD TO SYSTEM**  
(Verify there is a record in Access/CUPA database, create file)
- OKAY TO PERMIT HM and UFC#** \_\_\_\_\_
- CLOSE BUSINESS** (Close file in Access/CUPA database, remove either Haz-Mat and/or fire permit billing)
- COMPLETED CUPA INSPECTION SUMMARY REPORT**

**CUPA Computer File**  
**Permit #** \_\_\_\_\_  
**CUPA Input Completed**

**49-115-60-005,**  
**Date and Initials**

*Close  
6/4/05 ML*

Royal Petroleum 320 Corona Rd  
Business Name in its entirety (including Inc., don't abbreviate, etc.) Address (including Suite #, etc.) Zip Code

Permit Date Change: \_\_\_\_\_ A B C D E F G Range #: \_\_\_\_\_

(3yrs, Annual, Bi-Annual, Quarterly, other - circle corresponding letter above)

Underground Storage Tank (UST) - Number of: \_\_\_\_\_ State A & B forms current? \_\_\_\_\_  
(Turn over form and complete UST Section for Permit)

Above Ground Storage Tank (AGT) - Number of \_\_\_\_\_ Single-Wall \_\_\_\_\_ Double-Wall \_\_\_\_\_  
(Petroleum Products Only)

Contents \_\_\_\_\_ Gallons \_\_\_\_\_ Green Business (Range 9) Yes \_\_\_\_\_ No \_\_\_\_\_  
Quantity \_\_\_\_\_ Cal - ARP Yes \_\_\_\_\_ No \_\_\_\_\_

Contents \_\_\_\_\_ Gallons \_\_\_\_\_ Tiered Permits (if yes check below) Yes \_\_\_\_\_ No \_\_\_\_\_  
Quantity \_\_\_\_\_

NA \_\_\_\_\_ PBR \_\_\_\_\_ CA \_\_\_\_\_ CE \_\_\_\_\_

Non Applicable=NA, Permit by Rule = PBR, Conditionally Authorized = CA, Conditionally Exempt = CE

**SPCC Referral Sent**

Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
(pounds/liquid converted to tons)

Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
(pounds/liquid converted to tons)

Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
(pounds/liquid converted to tons)

Inspector Hours to Record (in 15 minute increments): Yes \_\_\_\_\_ No \_\_\_\_\_ (see below for data)

- |   |   |  |
|---|---|--|
| EA = Enforcement - Administrative       | IR = Inspections - Routine (Annual)                 | I = Facilities with (Not Total Number) |
| ECI = Enforcement - Civil               | IO = Inspections - Other & Re-inspections           | VI = Violations - Class I              |
| ECR = Enforcement - Criminal (citation) | IC = Inspections - Combined (program element)       | VII = Violations - Class II            |
| EI = Enforcement - Informal             | IM = Inspections - Integrated/Multi-media/Fire Code | VIII = Violations - Minor              |
|   |   | VN = Violations - Other                |

	EA	ECI	ECR	EI	IR	IO	IC	IM	VI	VII	VIII	VN
HMMP												
UGST												
HW GEN												
HW TREA												
AGST												
Cal-ARP												
UFC												
RCRA												
RECYCLER												
PBR												

*[Signature]*  
Signature of Inspector

5/31/05  
Date



# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Marshal's Office (707) 778-4389

FACILITY: Royal Petroleum  
ADDRESS: 320 Corona Rd  
Petaluma CA 94954

PERMIT TYPE:

Expires

Hazardous Materials Storage - Range V

Solids in Pounds      Liquids in Gallons  
More than 50,000      More than 5,500

Compressed Gas (Cubic Ft. at STP)  
More than 20,000

08-31-06

Above Ground Storage Tanks

Diesel

# of Tanks

2

The issuance of this permit does not release the bearer of the responsibility to be familiar with and adhere to all applicable codes, regulations, ordinances and attached conditions.

The facility displayed on the permit is subject to inspection by the regulating authority, at any reasonable hour or any time a violation of codes or ordinances is suspected.

FIRE MARSHALS OFFICE

JUN 11 2004

PETALUMA FIRE DEPARTMENT

Certified Unified Program Agency (CUPA)  
(Hazardous Materials)

**SPECIAL CONDITIONS:**

This permit is valid only for the facility/business listed above. It is not transferable. Contact the Fire Marshal's office when there is a change in ownership or operations that affect the parameters of this permit.

**THIS PERMIT MUST BE POSTED OR KEPT ON FILE  
ON THE PREMISES AT ALL TIMES**

CUPA  
PERMIT CONDITIONS

- NEW SITE  
(Create new file record in both Access and CUPA database)
- NEW BUSINESS, ADD TO SYSTEM  
(Verify there is a record in Access/CUPA database, create file)

CUPA Computer File  
Permit #  
CUPA Input Completed

49-115-60-0051  
Date and Initials

- OKAY TO PERMIT HM and UFC# 24
- CLOSE BUSINESS (Close file in Access/CUPA database, remove either Haz-Mat and/or fire permit billing)

COMPLETED CUPA INSPECTION SUMMARY REPORT

Royal Petroleum, Inc. 320 Corona Rd. 94954  
Business Name in its entirety (including Inc., don't abbreviate, etc.) Address (including Suite #, etc.) Zip Code

Permit Date Change: ABCDEF G Range #: 5  
(Yrs. Annual, Bi-Annual, Quarterly, other - circle corresponding letter above)

Underground Storage Tank (UST) - Number of \_\_\_\_\_ State A & B forms current? \_\_\_\_\_  
(Turn over form and complete UST Section for Permit)

Above Ground Storage Tank (AGT) - Number of 2 Single-Wall  Double-Wall \_\_\_\_\_  
(Petroleum Products Only)

Contents 10,000 Diesel Gallons 10,000 Green Business (Range 9) Yes \_\_\_\_\_ No   
Quantity \_\_\_\_\_  
Contents Diesel Gallons 4,000 Cal - ARP Yes \_\_\_\_\_ No   
Quantity \_\_\_\_\_  
Tiered Permits (if yes check below) Yes \_\_\_\_\_ No

NA  PBR \_\_\_\_\_ CA \_\_\_\_\_ CE \_\_\_\_\_

Not Applicable=NA, Permit by Rule=PBR, Conditionally Authorized=CA, Conditionally Exempt=CE

SPCC Referral Sent

Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
(pounds/liquid converted to tons)

Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
(pounds/liquid converted to tons)

Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
(pounds/liquid converted to tons)

Inspector Hours to Record (in 15 minute increments): Yes  No \_\_\_\_\_ (see below for data)

- |   |  |  |
|---|--|--|
| EA = Enforcement - Administrative       | IR = Inspections - Routine (Annual)                | I = Facilities with (Not Total) Number |
| ECT = Enforcement - Civil               | IO = Inspections - Other & Re-inspections          | VI = Violations - Class I              |
| ECR = Enforcement - Criminal (citation) | IC = Inspections - Combined (program element)      | VII = Violations - Class II            |
| EI = Enforcement - Informal             | IM = Inspections - Integrated/Multi-media/For Code | VIII = Violations - Minor              |
|   |  | VN = Violations - Other                |

	EA	ECT	ECR	EI	IR	IO	IC	IM	VI	VII	VIII	VN
HMMP					5							
UGST												
HW GEN												
HW TREA												
AGST					1							
Cal-ARP												
UFC												
RCRA												
RECYCLER												
PBR												

[Signature]  
Signature of Inspector

6/11/04  
Date





# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Marshal's Office (707) 778-4389

FACILITY: Royal Petroleum/ Royal Cardlock  
ADDRESS: 1501 Petaluma Boulevard South 320 Corona Road  
Petaluma, CA 94954

60-0051

### PERMIT TYPES:

Hazardous Materials Storage - Range V		
Solids in Pounds	Liquids in Gallons	Compressed Gas (Cubic Ft. at STP)
More than 50,000	More than 5,500	More than 20,000

The issuance of this permit does not release the bearer of the responsibility to be familiar with and adhere to all applicable codes, regulations, ordinances and attached conditions.

The facility displayed on the permit is subject to inspection by the regulating authority, at any reasonable hour or any time a violation of codes or ordinances is suspected.

FIRE MARSHAL'S OFFICE  
OCT 23 2000

PETALUMA FIRE DEPARTMENT

Certified Unified Program Agency (CUPA)  
(Hazardous Materials)

\*See Special Conditions

### SPECIAL CONDITIONS:

This permit is valid until August 2003.

*See attached version  
10/23/00  
of*

**THIS PERMIT MUST BE POSTED OR KEPT ON FILE  
ON THE PREMISES AT ALL TIMES**

102590 - a:\msoffice\winword\pfrmk7 royal petroleum fire 41 .doc

*mailing address is 1501 Petaluma Blvd So*

In order to maintain the operating permit, the permit holder must comply with the following:

Please fill-in blanks and/or check as appropriate for this file: SIC # \_\_\_\_\_

Business Name: Royal Petroleum Address: 320 Grand Road Zip Code: \_\_\_\_\_

okay to permit  
 Next Inspection Date: \_\_\_\_\_ Computer File Permit #: \_\_\_\_\_  
 CUPA In-put Completed: \_\_\_\_\_ (Date and initials)

Underground Storage Tank (UST) - Number of: \_\_\_\_\_ State A & B forms current? \_\_\_\_\_

Above Ground Storage Tank (AGT) - Number of 3 UL  Single-Wall  Double-Wall \_\_\_\_\_

Date Installed 11/11 Contents of AGT Disect Gallons 14,000  
 (Quantity - in lbs., gallons or cubic ft.)

Range Quantity # 1 14,000  
 (Quantity - in lbs., gallons or cubic ft.)

Cal ARP Yes  No  Green Business Program (Range 9) Yes  No

Tiered Permits:  
 Not Applicable (NA) N/A Conditionally Authorized (CA) \_\_\_\_\_  
 Permit by Rule (PBR) \_\_\_\_\_ Conditionally Exempt (CE) \_\_\_\_\_

Inspection Date 10/26/00  
 Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
 RCRA \_\_\_\_\_ California Waste Only N/A (pounds/liquid)

Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
 RCRA \_\_\_\_\_ California Waste Only \_\_\_\_\_ (pounds/liquid)

Hazardous Waste Level \_\_\_\_\_ Waste Code # \_\_\_\_\_ Total waste generated to determine Level \_\_\_\_\_  
 RCRA \_\_\_\_\_ California Waste Only \_\_\_\_\_ (pounds/liquid)

Inspector Hours to Record (in 15 minute increments): Yes  No  (see below for data)

- EA = Enforcement - Administrative
- ECI = Enforcement - Civil
- ECr = Enforcement - Criminal (citation)
- IR = Inspections - Routine
- IO = Inspections - Other
- IC = Inspections - Combined (program element)
- I = Inspections - Joint (inspectors)
- IM = Inspections - Integrated/Multi-media
- VI = Violations - Class I
- VII = Violations - Class II
- VIII = Violations - Minor
- VN = Violations - non-hazardous waste

	EA	ECI	ECr	IR	IO	IC	I	IM	VI	VII	VIII	VN
HMP				1								
UGST												
HW GEN												
HW TREA												
AGST				.5								
CalARP												
UFC												
RCRA												
RECYCLER												
PBR												

Signature of Inspector: [Signature] Date: 10/26/00

c: HazMat File  
 Fire Marshal's Secretary  
 SEE OTHER SIDE FOR FURTHER COMMENTS



City of Petaluma 11 English Street  
Post Office Box 61 - Petaluma, California 94953

Mayor  
M. Patricia Hilligoss

Office of the Fire Marshal  
707-778-74389

Councilmembers  
Carole Barlas  
Jane Hamilton  
Bonnie Nelson  
Nancy C. Read  
Lori Shea  
Brian Sobel

Permit to Operate Hazardous Materials Storage Facility

Date: May 31, 1994

Permit No.: 94/168

Pursuant to Section 25500 of the California Health and Safety Code, A Permit to Operate a Hazardous Materials Storage Facility is hereby issued to the Owner (Permittee) of the facility described below. Subject to compliance with the terms and conditions herein..

OWNER (PERMITTEE): CORONA CARDLOCK

OPERATOR: Royal Petroleum Company

FACILITY: 320 Corona Road, Petaluma

CONDITIONS:

1. This permit is valid for five (5) years if operated in compliance with federal, state and county law. This permit is nontransferable upon change of ownership of the facility. Application to transfer the permits shall be submitted within 30 days of change of ownership.
2. Whenever a substantial change in the permittees operation occurs which requires a modification of its Hazardous Materials Management Plan, the permittee shall submit a copy of the plan revisions to the administering agency within 30 days of the operational changes.
3. The permittee shall review the Hazardous Materials Management Plan at least once every two (2) years to determine if a revision is needed and shall certify to the administering agency that the review was made and that any necessary changes were made to the plan.
4. The permittee shall annually submit completed inventory form(s) to the administering agency.
5. Within 30 days of one of the following events the permittee shall submit an amendment to the inventory form detailing the handling and the following appropriate information:
  - a) 100 percent or more increase in the quantity of the previously disclosed material.
  - b) Any handling of a previously undisclosed HAZARDOUS MATERIALS.
  - c) Change of business name, ownership or address.

A copy of this Permit to Operate shall be kept on the facility premises at all times.

Issued by the Office of the City of Petaluma Fire Marshal





# HAZARDOUS MATERIALS STORAGE PERMIT APPLICATION

File No. \_\_\_\_\_  
(For Office Use Only)

Permit No. \_\_\_\_\_  
(For Office Use Only)

\*\*\*\*\*

New Application (facility does not currently have operational permit)

Update Application: Operational Permit # \_\_\_\_\_

Application is for (check the appropriate line)

Operational Permit for Existing/Proposed Facility

Modify Existing Container

Transfer of Ownership

Modify Piping

Install New Container

Install Leak Detection/Monitoring System

Note: If application is to install, modify, close or remove a storage container or facility, be sure to obtain the appropriate supplemental applications. A separate application is required for each new facility or underground tank.

\*\*\*\*\*

## PART I

Type of Storage:  Above-ground  Below-ground  Above and Below

Total Number of Below-ground Containers: 0

Designate Range No. (Based on chart below) for total amount of Hazardous Materials in each category stored at the facility:

Above Ground: Solids \_\_\_\_\_ Liquids 18,000 Gas \_\_\_\_\_

Below Ground: Solids \_\_\_\_\_ Liquids \_\_\_\_\_ Gas \_\_\_\_\_

(10,000 TANK #1  
 4,000 TANK #2  
 4,000 TANK #3  
 18,000)

Range No.	Solids, in pounds	Liquids, in gallons	Compressed Gas (cu. ft. at STP)
1	0 to 500	0 to 55	0 to 200
2	501 to 5,000	56 to 550	201 to 2,000
<u>3</u>	5,001 to 25,000	551 to 2,750	2,001 to 10,000
4	25,001 to 50,000	2,751 to 5,500	10,001 to 20,000
5	more than 50,000	more than 5,500	more than 20,000

### FACILITY OWNER

Name PATRICIA & CLINTON BOW Telephone: 795-9451

Mailing Address 240 KEOKUK

City PETALUMA, CA State CA Zip 94952

### FACILITY OPERATOR (Complete only if different than OWNER)

Name ROYAL PETROLEUM CO. Telephone: (707) 767-1577

Mailing Address 1501 PETALUMA BLVD E.

City PETALUMA State CA Zip 94952

**FACILITY**

Business Name CORONA CARDLOCK Telephone: (707) 763-1521  
 Street Address 320 CORONA ROAD  
 City PETALUMA State CA Zip 94954  
 EPA # CAD 982033870 SIC # \_\_\_\_\_ Nearest Cross Street McDOWELL  
UNATLOND CARDLOCK  
 Occupied Hours: \_\_\_\_\_ AM \_\_\_\_\_ PM Assessor's Parcel # \_\_\_\_\_

Send mail regarding this permit to (check one)

Owner  Operator  Facility

Within city limits?  Yes  No Which city? PETALUMA

Name of Fire District or Fire Department CITY OF PETALUMA

Water source:  Public  Private

Sewage disposal:  Public sewer  Septic system

\*\*\*\*\*  
**PART II**

Complete only if this is an application to TRANSFER ownership or operation of a facility.

Previous Owner \_\_\_\_\_ Telephone: \_\_\_\_\_

Address \_\_\_\_\_

Previous Operator \_\_\_\_\_ Telephone: \_\_\_\_\_

Address \_\_\_\_\_

\*\*\*\*\*  
**PART III**

Supplemental Information/Comments

- Has Emergency Response Plan been submitted to the Administering Agency?  Yes  No
- Hazardous Materials Inventory Statement submitted for each identified storage area?  Yes  No
- Hazardous Materials Management Plan submitted?  Yes  No
- Claim made for TRADE SECRET on Inventory Statement?  Yes  No
- Has appropriate fee been submitted?  Yes  No

\*\*\*\*\*  
This form has been completed under penalty of perjury and, to the best of my knowledge, is true and correct.

Date 6/10/93

James A Dalton  
 Applicant Signature  
JAMES A. DALTON BUS & SALES  
 Applicant Name and Title  
REPRESENTATIVE

BUSINESS: Royal Petroleum

ADDRESS: 230 Cottage Rd

**THIS FILE IS  
CLOSED**

DATE TO:

\_\_\_\_\_

No longer have this

HAZARDOUS MATERIALS BUSINESS PLAN (HMBP)  
HAZARDOUS MATERIAL INVENTORY  
EMERGENCY RESPONSE PLAN  
EMPLOYEE TRAINING PLAN

UNDERGROUND STORAGE TANK MONITORING PROGRAM

AND

UNDERGROUND STORAGE TANK EMERGENCY RESPONSE PLAN

For

ROYAL PETROLEUM CARDLOCK  
320 CORONA ROAD  
PETALUMA, CA 94954



JUL 23 2003

By:

Trans Tech Consultants  
930 Shiloh Road, Bldg. 44, Ste. J  
Windsor, CA 95492  
(707) 575-8622

RECEIVED

AUG - 4 2003

FIRE MARSHAL'S OFFICE

### TABLE OF CONTENTS

<u>Item</u>	<u>Page No.</u>
1. Business Activities, Owner/Operator Identification Forms.....	3
2. Hazardous Material Inventory.....	5
3. Emergency Response Plan.....	6
4. Employee Training Plan.....	10
5. Record Keeping .....	15
6. Site Map .....	17
8. Material Safety Data Sheets (MSDS).... see <a href="http://www.royalpetroleum.com/">http://www.royalpetroleum.com/</a>	



ROYAL3

HAZARDOUS MATERIALS

## HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

One page per material per building or area

ADD

DELETE

 REVISE

200

Page 3 of 3

## I. FACILITY INFORMATION

BUSINESS NAME	Royal Petroleum Cardlock	ROYAL3	3
CHEMICAL LOCATION	SOUTH SIDE OF SITE	CHEMICAL LOCATION CONFIDENTIAL	202
		EPCRA <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
FACILITY ID#		MAP# (optional)	203
		GRID# (optional)	204
		1	E4

## II. CHEMICAL INFORMATION

CHEMICAL NAME	PETROLEUM HYDROCARBON	205	TRADE SECRET	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	206
		If Subject to EPCRA, refer to instructions			
COMMON NAME	DIESEL FUEL #2	207	EHS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	208
CAS#	68476-34-6	209	If EHS is "Yes", all amounts below must be in lbs.		
FIRE CODE HAZARD CLASSES	(Complete if required by CUPA) II-CL				210
HAZARD MATERIAL TYPE (Check one item)	<input type="checkbox"/> a. PURE <input checked="" type="checkbox"/> b. MIXTURE <input type="checkbox"/> c. WASTE	211	RADIOACTIVE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	212
		CURIES			
PHYSICAL STATE (Check one item only)	<input type="checkbox"/> a. SOLID <input checked="" type="checkbox"/> b. LIQUID <input type="checkbox"/> c. GAS	214	LARGEST CONTAINER	10000	215
FED HAZARD CATEGORIES (Check all that apply)	<input checked="" type="checkbox"/> a. FIRE <input type="checkbox"/> b. REACTIVE <input type="checkbox"/> c. PRESSURE RELEASE <input checked="" type="checkbox"/> d. ACUTE HEALTH <input checked="" type="checkbox"/> e. CHRONIC HEALTH				
AVERAGE DAILY AMOUNT	217	MAXIMUM DAILY AMOUNT	218	ANNUAL WASTE AMOUNT	219
8000		14000			STATE WASTE CODE
UNITS* (Check one item only)	<input checked="" type="checkbox"/> a. GALLONS <input type="checkbox"/> b. CUBIC FEET <input type="checkbox"/> c. POUNDS <input type="checkbox"/> d. TONS	221	DAYS ON SITE:	365	222
		if EHS, amount must be in pounds.			
STORAGE CONTAINER	<input checked="" type="checkbox"/> a. ABOVE GROUND TANK <input type="checkbox"/> c. PLASTIC/NONMETALLIC DRUM <input type="checkbox"/> i. FIBER DRUM <input type="checkbox"/> m. GLASS BOTTLE <input type="checkbox"/> o. RAIL CAR <input type="checkbox"/> b. UNDERGROUND TANK <input type="checkbox"/> f. CAN <input type="checkbox"/> j. BAG <input type="checkbox"/> n. PLASTIC BOTTLE <input type="checkbox"/> p. OTHER <input type="checkbox"/> c. TANK INSIDE BUILDING <input type="checkbox"/> g. CARBOY <input type="checkbox"/> k. BOX <input type="checkbox"/> e. TOTE BIN <input type="checkbox"/> d. STEEL DRUM <input type="checkbox"/> h. SILO <input type="checkbox"/> l. CYLINDER <input type="checkbox"/> p. TANK WAGON				
STORAGE PRESSURE	<input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT	224			
STORAGE TEMPERATURE	<input checked="" type="checkbox"/> a. AMBIENT <input type="checkbox"/> b. ABOVE AMBIENT <input type="checkbox"/> c. BELOW AMBIENT <input type="checkbox"/> d. CRYOGENIC	225			
%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS#		
1 99.5%	226 DIESEL FUEL NO. 2	227 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	228 68476-34-6	229	
2 0.5%	230 NAPHTHALENE	231 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	232 91-20-3	233	
3	234 PETROLEUM DISTILLATES	235 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	236 NONE	237	
4	238	239 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	240	241	
5	242	243 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	244	245	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION

246

If EPCRA, Please Sign Here





PETALUMA FIRE DEPARTMENT  
 198 "D" Street, Petaluma, Ca. 94952  
 Business Phone (707) 778-4390  
 Monday - Friday 8:00 A.M. TO 5:00 P.M.

Time In 11:30 Time Out 1:00 Total Time 1:30  
 Reinspection Date (s) \_\_\_\_\_

### HAZARDOUS MATERIALS INSPECTION CHECKLIST

Business Name : Royal Cardlock

Address : 320 Corova Rd

Telephone # : 763-1521

1. Name, position and telephone number of designated Emergency Coordinator conspicuously posted? yes
2. Has the facility Incident Response Plan been reviewed and approved by the administering agency? ( 2731, 25503, 25517 ) yes
3. Copy of Hazardous Materials Management Plan available for inspection? ( 2727, 25503, 25504, 25509 ) Date of last review / update: 7/26/93
4. Is Inventory Statement available for inspection / verification? ( 2729, 25503, 25504, 25509, 25511 ) yes
5. Are Floor Plans and Site Plans accurate? ( 25503, 25504, 25509, 51 ) yes
6. Are Material Safety Data Sheets ( MSDS ) readily available for all hazardous materials on premises? ( 80 ) yes
7. Is there 24hour access to the facility? ( 10 ) If so how? open yard
8. Does the facility have underground storage tanks? If yes Permit #. No
9. Is disposal of hazardous waste in accordance with acceptable standards? Disposal method (s) EPA #, Waste Hauler ID # ( 4, 11, & TITLE 22 ) No waste generated
10. Are primary containers free of surface defects and / or leaks? ( 80 ) yes
11. Training records of all employees, reflecting training received, initial or refresher, to include date (s) training received?  
 A copy of this Inspection Checklist has been left with the Emergency Coordinator and all deficiencies discussed with him / her.

C o r r e c t i o n	Item	Location

Print Emergency Coordinator : James A. Baker  
 Signature Emergency Coordinator : [Signature]  
 Inspectors Name (s) : Eng

Code Legend: 1 or 2 digit = Articles from Uniform Fire Code ( UFC )  
 4 digit = Title 19, California Code of Regulations  
 5 digit = California Health and Safety Code

Com	Item

4FP862



1001 P Street, Sacramento, CA 95833  
916-227-8300 (TDD) / 916-227-8300  
Monday - Friday 8:00 AM - 4:30 PM (PST)

Form IH-213 (Rev. 12/2014)  
Revised 12/2014

### HAZARDOUS MATERIAL INSPECTION CHECKLIST

Business Name: Angel Car Wash - Riverside Rd  
Address: 720 Carona Rd Telephone #: 951-211-3131

Code	Item	Yes	No	Location
	Have, location and telephone number of designated Emergency Coordinator conspicuously posted?			
	Has the facility Hazard Response Plan been reviewed and approved by the administering agency? (2741, 28504, 28511, 2)			
	Copy of Hazardous Materials Management Plan available for inspection? (2742, 28504, 28504, 28504, 28511) (date of last review / update)			
	Is inventory statement available for inspection / verification? (2742, 28504, 28504, 28504, 28511)			
	Are Exit Plans and Site Plans available? (28504, 28504, 28504, 28511)			
	Are Material Safety Data Sheets (MSDS) readily available for all hazardous materials on premises? (80)			
	Is there 24-hour access to the facility? (10, 11 or 102)			<u>24 hr access</u>
	Does the facility have underground storage tanks? If yes Part 8.			
	Is disposal of hazardous waste in accordance with applicable standards? (General method (a) EPA 8, Waste Handler (b) (4, 11), & (114) (a))			<u>No HW is generated</u>
	Are ordinary activities free of refuse debris and / or leaks? (80)			
(1)	Training records of all employees, reflecting training received, initial or refresher, in incident data (a) training received?			<u>At this plant</u>
	A copy of this inspection Checklist has been left with the Emergency Coordinator and all deficiencies discussed with him / her.			
	Point Emergency Coordinator:	<u>Mark J. ...</u>		
	Signature Emergency Coordinator:	<u>[Signature]</u>		
	Inspectors Name (s):	<u>[Signature]</u>		

Code Legend: 1 or 2 digit - Arises from Uniform Fire Code (UFC)  
3 digit - Title 19, California Code of Regulations  
4 digit - California Health and Safety Code

**Petaluma Fire Department**

**Hazardous Material Inspection Program  
Routing Cover Sheet**

Business Name: CORONA CARBLOCK  
 Business Address: 300 CORONA ROAD  
 Shift A Station 2 Company Officer Capt C. O'Byrne

Range  I  
 II  
 III  
 IV  
 V

**Status of Inspection**  
 Initial  
 In Progress  
 Re-Inspection  
 Incomplete

**Needs:**  
 Declaration  
 Application  
 HMMP  
 Haz Mat Inventory  
 Floor Plan  
 Site Plan  
 Other \_\_\_\_\_

**Routing Direction**  
 To F.M.  To Engine Company

**Routing Information**

- \_\_\_\_\_ Hazardous Material Declaration form received, to Engine Company for Initial Inspection.
- \_\_\_\_\_ New Inspection discovered, Declaration Form to F.M. Add to Master List.
- \_\_\_\_\_ Initial verification Needed.
- \_\_\_\_\_ Complete Haz Mat Inspection and return to F.M.
- \_\_\_\_\_ Enter inventory into C.A.M.E.O.
- pd \_\_\_\_\_ Fee's Billed for 1994, return to Engine Company file.
- \_\_\_\_\_ Reduction of storage inventory. Business was Range \_\_\_\_\_, is now Range \_\_\_\_\_.
- \_\_\_\_\_ Inspection is complete for 199\_\_\_\_, no further action required.
- X \_\_\_\_\_ Other: Copy of permit & the application for this file

*Please indicate which action is needed. When action has been completed, initial next to check mark and indicate next step.*

*FOH*





# City of Petaluma Fire Department

11 English Street - Petaluma, California 94952

Fire Marshal's Office (707) 778-4389  
Fax 707-776-3642

FIRE INSPECTION / HAZARDOUS MATERIALS NOTICE Date: 5/11/01

Business Name: Royal Petroleum Contact/Title: Mark / Royal

Address: 320 Corona Road Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

## NOTICE OF VIOLATION/SUMMARY OF VIOLATION - CORRECTION REQUIRED

Closure Inspector: This facility no longer dispenses Diesel + is closed - Tanks reported to be empty. \*  
Fib will be closed for this site - Hmat - Closed

### Summary

Two large aboveground tanks still on site  
Please label as ~~EMPTY~~ "EMPTY"  
minimum 6" letters

\* Note: Tanks defueled, polished (Plumber  
disassembled by Stripper, All Electrical  
Disconnected)

ORDER TO COMPLY: To bring your facility into compliance with applicable local, state, and/or National Fire Codes and ordinances, you are hereby required to correct the above noted Fire and/or Safety Hazards and/or obtain Fire Permits required. A re-inspection will be conducted on or after \_\_\_\_\_ Failure to comply with the foregoing order may render you liable to the penalties provided by law for such violations.

INSPECTION OFFICER SIGNATURE  
PETALUMA FIRE DEPARTMENT  
11 English Street  
Petaluma CA 94952  
(707) 778-4389

*Copy to:*  
778-4475

Initials  
Inspection

*[Signature]*

REPRESENTATIVE SIGNATURE Initials  
Inspection  
Check appropriate box:  
 MANAGER  
 BUILDING REPRESENTATIVE  
 OWNER  OTHER

SECOND RE-INSPECTION DATE: \_\_\_\_\_

HAZARDOUS WASTE GENERATOR MINOR VIOLATIONS - Return to compliance pursuant to Health & Safety Code Section 25187.8(b), I certify that this facility has complied with this notice to comply.

REPRESENTATIVE SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

White: To Representative    Canary: Inspection Officer/Street File    Pink: Fire Marshal's Office, if non-compliant

05/10/05

**TO: Cary Fergus, Fire Inspector**  
City of Petaluma  
Fire Marshal's Office  
11 English Street  
Petaluma, CA. 94952-2610

**FROM: Mark R. Fajardin Sr., Environmental Safety Manager**  
Royal Petroleum Company

**RE: Corona Cardlock closure**

This letter is to advise you that on April 1, 2005 our fuel cardlock at 320 Corona Road has been shutdown and closed to all commercial fueling operations.

The fuel dispensers have been removed and the above ground storage tanks have been emptied of diesel fuel. The tanks have also been cleaned, polished, and degassed so that they are now completely inert.

I would like to schedule an appointment with you in order to perform a site closure inspection and close our Hazardous Materials Business Plan with the City of Petaluma.

Please contact me at my office; 707-540-0054 or cellular phone, 707-228-9962 at your earliest convenience.

Thank you for your time, and I look forward to meeting with you soon.

Sincerely,



Mark R. Fajardin, Sr.





# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Marshal's Office (707) 778-4389  
Fax 707-776-3642

FIRE INSPECTION / HAZARDOUS MATERIALS NOTICE Date: 6/11/04

Business Name: Royal Petroleum - CARDLOCK Contact/Title: Watt./Leo.

Address: 320 CORONA Rd. Zip Code: 94952 Phone: 540-0054

### NOTICE OF VIOLATION/SUMMARY OF VIOLATION - CORRECTION REQUIRED

- ① 1 x 10,000 gallon Diesel ABET w/ secondary containment + spill response equipment checked. - (OK)
- ② 1 x 4,000 gallon Diesel ABET w/ secondary containment checked - (OK)
- ③ 2 x Dispensers. w/ SW pressure piping w/ impact protection

- NO VIOLATIONS NOTED -

ORDER TO COMPLY: To bring your facility into compliance with applicable local, state, and/or National Fire Codes and ordinances, you are hereby required to correct the above noted Fire and/or Safety Hazards and/or obtain Fire Permits required. A re-inspection will be conducted on or after \_\_\_\_\_ Failure to comply with the foregoing order may render you liable to the penalties provided by law for such violations.

QB McInire  
INSPECTION OFFICER SIGNATURE

PETALUMA FIRE DEPARTMENT  
11 English Street  
Petaluma, CA 94952  
(707) 778-4389

Walter J. ...  
REPRESENTATIVE SIGNATURE

Check appropriate box:  
 MANAGER  
 BUILDING REPRESENTATIVE  
 OWNER  OTHER

SECOND RE-INSPECTION DATE: \_\_\_\_\_

HAZARDOUS WASTE GENERATOR MINOR VIOLATIONS - Return to compliance pursuant to Health & Safety Code Section 25185.865. I certify that this facility has complied with this notice to comply.

Walter J. ...  
REPRESENTATIVE SIGNATURE

DATE

White: To Representative

Canary: Inspection Officer/Street File

Pink: Fire Marshal's Office, if non-compliant





# City of Petaluma Fire Department

11 English Street, Petaluma, California 94952

Fire Marshal's Office (707) 778-4389

6/26/00  
Added  
initials  
date

FIRE INSPECTION / HAZARDOUS MATERIALS NOTICE Date: 10/26/00

Business Name: Royal Petroleum Cardlock Contact/Title: CLIFF HILL

Address: 320 Corona Road Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

## NOTICE OF VIOLATION/SUMMARY OF VIOLATION - CORRECTION REQUIRED

This is a "Cardlock" station with three (3) above ground tanks located inside a concrete secondary containment berm. The tanks are single walled steel. One 4,600 gallon tank is not being used at this time.

We have the following comments:

1) Replace any + all warning placards showing signs of weathering + Remove "R03" placards.

2) Keys were not available to check dispensing equipment. No dispensers are situated on top of raised concrete platform + no obvious leaks were observed. Spill valves are located outside dispensing area. No problems noted.

3) Mr. Hill provided both an updated SPCC + HMRSP during the inspection.

4) Please label the out of service tank as "Empty"

**ORDER TO COMPLY:** To bring your facility into compliance with applicable local, state, and/or National Fire Codes and ordinances, you are hereby required to correct the above noted Fire and/or Safety Hazards and/or obtain Fire Permits required. A re-inspection will be conducted on or after \_\_\_\_\_. Failure to comply with the foregoing order may render you liable to the penalties provided by law for such violations.

INSPECTION OFFICER SIGNATURE  
Petaluma Fire Department  
11 English Street  
Petaluma, CA 94952  
(707) 778-4389

Initials  
2nd Inspection

REPRESENTATIVE SIGNATURE Initials  
2nd Inspection  
Check appropriate box:  
 MANAGER  
 BUILDING REPRESENTATIVE  
 OWNER  OTHER

SECOND RE-INSPECTION DATE: \_\_\_\_\_

White: To Representative    Canary: Inspection Officer/Street File    Pink: Fire Marshal's Office, if non-compliance

10/24/97 a:\msoffice\winword\FireSafe forms7.am 4/11/00

Note: We will send your new permit via mail.

File

# HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION FORM

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction  
Authority Cited: H&SC §25503.3(c)

To: Agency Name: COUNTY OF SONOMA DEPARTMENT OF EMERGENCY SERVICES  
Agency Mailing Address: 2300 COUNTY CENTER DR. SUITE A221  
SANTA ROSA, CA. 95403

Pursuant to Section 25503.3(c) of California Health and Safety Code (H&SC), the Hazardous Materials Business Plan (HMBP) certification described below is hereby submitted for the following facility:

Facility Name: ROYAL PETROLEUM COMPANY  
Facility Street Address: 320 CORONA RD City: PETALUMA  
Date of Current HMBP: 7/23/03

I certify that: (Check the appropriate box.)

- I have personally reviewed the Hazardous Materials Business Plan currently on file with your agency and certify that the HMBP is complete and accurate. (See bottom of page for details.) or
- Revisions to the Hazardous Materials Business Plan are necessary. The HMBP as revised is being implemented. A copy of the revisions is enclosed with this Certification.

**OWNER/OPERATOR CERTIFICATION:** I hereby certify under penalty of law that, based upon my inquiry of those individuals responsible for obtaining the information reported above, I believe that the submitted information is true, accurate, and complete. I understand that a revised HMBP must be submitted within 30 days of any change in this facility's storage or handling of hazardous materials which would require updating of the HMBP.

Name of Owner/Operator (Print): JAMES A. DALTON Title: OWNER  
Signature of Owner/Operator: James A Dalton Date: 3/4/05

By checking the upper box on this form, you are certifying that:

- The information contained in the HMBP most recently submitted is complete, accurate, and up-to-date; and
- There has been no change in the quantity of any hazardous material as reported in the most recently submitted Hazardous Materials Inventory forms; and
- The facility has not begun handling any hazardous material in a HMBP reportable quantity which is not currently listed in the Hazardous Materials Inventory; and
- The HMBP most recently submitted HMBP contains the information required by Section 11022 of Title 42 of the United States Code; and
- There have been no substantial changes in the facility's hazardous materials operations which would require revision of the current HMBP.

RECEIVED

DEC 13 2003

FIRE MARSHAL'S OFFICE <http://www.unidocs.org>



# CITY OF PETALUMA

## VERIFICATION OF REVIEW OF BUSINESS PLANS FISCAL YEAR 2004/2005

I have reviewed the Hazardous Materials Business Plan (HMBP) for our business, currently on file with the Petaluma Fire Marshal's office, and confirm that the information meets the following requirements:

1. The information in the most recent **inventory statement** is complete, accurate, and current.
2. There has been no change in the **quantity of hazardous materials** as reported last year.
3. No hazardous materials subject to the inventory requirement are being handled that are not listed on the inventory statement on file.
4. No change of business address, change of ownership, or change of business name has occurred.

In addition, I understand that, according to the California Health and Safety Code, Chapter 6.95, Section 25510, new forms must be submitted "...within thirty (30) days if there is a 100% or more increase in the quantity of a previously disclosed material; any storage of a previously undisclosed hazardous substance subject to the inventory requirements of this chapter; change of business address, change of ownership, or change of business name."

I understand under penalty of perjury that at the time this form is submitted I have not had any changes as described above.

[Handwritten Signature]  
Signature

ENVIRONMENTAL SAFETY COORDINATOR  
Title

ROYAL PETROLEUM CO.  
Name of Company

320 CORONA RD.  
PETALUMA INV # 5419  
Site Address or Invoice #

2/16/05  
Date

5419

Royal Petroleum  
320 Corona Road

**SPILL PREVENTION CONTROL AND  
COUNTERMEASURE (SPCC) PLAN**

**ROYAL PETROLEUM COMPANY  
320 CORONA ROAD  
PETALUMA, CA 94954**

**PREPARED BY:**

**RHL DESIGN GROUP INC.  
1137 NORTH MCDOWELL BOULEVARD  
PETALUMA, CA 94954**

**November 15, 1999**



**GENERAL INFORMATION**

Facility Name: Diesel Card Lock  
Type of Facility: Commercial vehicle fueling facility  
Facility Classification: Non-Production Onshore Facility  
Location: 320 Corona Road, Petaluma, CA  
(Southeast corner of Corona Road and McDowell Boulevard)

Designated person accountable for spill prevention at facility:

Mr. James Dalton III  
Business and Sales Representative  
(707) 763-1521

**2. CERTIFICATION AND APPROVAL**

Owner Certification

This facility has not experienced a reportable oil spill event in the past twelve months. I have reviewed this report and attest that to the best of my knowledge the information contained in this report is accurate and complete and that this SPCC Plan will be implemented as written. This SPCC Plan will be amended as needed due to modifications of the facility.

By:



Name: Mr. James Dalton III

Title: Business and Sales Representative

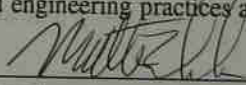
Date:

11/18/99

Engineer Certification

I certify that I have examined the facility described above and have determined that this SPCC Plan has been prepared in conformance with 40 CFR 112, and good engineering practices as required therein.

Signature



Matthew E. Donohue, Civil Engineer

Print Name

Date

11.18.99



## SPCC RECOMMENDATIONS

Provide secondarily contained underground diesel piping with a leak monitoring system.

Provide dispenser secondary containment sumps.

Provide an emergency pump shut-off switch (with a sign) located within 20' to 100' of the diesel dispensers.

Provide an emergency vent valve on the 10,000-gallon tank.

Provide tank vent outlets at least 12-feet above adjacent ground level on each active tank.

Provide a tank filling procedure placard for the tanks posted in plain view of the operator. The procedure should include manual tank gauging prior to filling to determine tank ullage and proper delivery volume. A Royal Petroleum employee should always supervise the tank filling.

Provide seismic tank anchorage for the tanks.

Install NFPA diamond placards on the tanks showing the hazard information provided by the product supplier's Material Safety Data Sheets.

Store petroleum-absorbent materials at the facility in a clearly marked location with a sign.

Provide area lighting for the western dispensing area.

Provide a 24 hour hydrostatic test of the secondary containment dike.

Provide a storm drainage system for the western dispensing area and the spill control basin. A drainage system is proposed on the Spill Containment Plan in Appendix A.

Rain water accumulated in the spill control basin or drive slab may be drained or pumped into the yard if the following conditions are met: a) the drain valve or pump is normally locked closed, b) the water is inspected for a petroleum sheen, any sheen must be completely removed prior to draining, c) the valve is opened or pump is turned on, water is drained, and the valve/pump is re-locked under responsible supervision, and d) adequate records are kept of such events. A petroleum absorbent pad may be used to remove sheen from water in the dike area.

During the wet season (October 1 to May 31), the area should be inspected and drained every day the facility is open to prevent rainfall accumulation that will reduce the spill containment volume. No more than two days should pass without such inspection.



### Diesel Card Lock Description

- (1) 10,000 GAL DIESEL SINGLE WALL STEEL HORIZONTAL ABOVE GROUND TANK
- (2) 4,000 GAL DIESEL SINGLE WALL STEEL HORIZONTAL ABOVE GROUND TANK

Please see the Spill Containment Plan located in Appendix A for the location of the above ground storage tanks and the dispensing facilities at the diesel card-lock. The tanks are single compartment and single-wall steel construction. The 10,000-gallon tank and one of the 4,000-gallon tanks are actively used in the diesel dispensing operation. The other 4,000-gallon tank is idle (see Appendix A).

Diesel dispensing pressure is provided by a submerged turbine pump installed in a bung at the top of each tank. Single wall steel product piping is connected to the turbines, penetrates the secondary containment dike, and is installed underground to the product dispensers.

All of the above mentioned tanks are located in a secondary-containment concrete dike open to rainfall. The estimated net containment volume of the dike is 14,975 gallons. The dike provides vehicular protection for the tanks. The dike is drained through a pipe that penetrates the dike at grade and is controlled by a locked valve outside the dike that is equipped with a company lock and chain. Water drained from the dike enters a spill control basin with an estimated capacity of 2,300-gallons and no outfall.

#### 4.1 Potential Spills - Prediction and Containment

##### Above Ground Tank Filling

A spill during product deliveries to the tanks might occur from a hose or connection failure or from overfilling the tank. A Royal Petroleum employee is always present when the tanks are filled to ensure that the proper tank gauging and hose connections are performed before filling. To determine the proper delivery volume, the tanks are manually gaged to determine ullage before filling. The tanks are equipped with remote fill piping that terminates at fill connections located inside the dike, yet accessible to make hose connections while standing outside the dike. The fill hose is set over the top of the dike. Leakage at the fill ports would be contained within the secondary containment dike.

The fuel delivery truck parks outside of the dike area in the eastern dispensing area that drains to the spill control basin. The spill control basin contains adequate dry volume to contain the spill from the largest compartment of the tanker truck. Because the spill control basin does not have an outfall, the spill capacity is reduced during and after a storm event. Adding storm drainage facilities as proposed on the Spill Containment Plan (Appendix A) is an approach to improve the spill control capacity for tank filling.

The driver is required to remain in the immediate proximity of the fill connections and is instructed to close the truck compartment valves in case of an emergency. If a hose were to become disconnected or were to fail, and it took 10 seconds to close the truck compartment valve, approximately 20 gallons would be spilled. The fuel delivery truck carries absorbent materials and the drivers are trained and instructed to clean up small spills and to block the flow of product from spreading.

#### Above Ground Tank and Product Line Failure

A leak in one of the single wall tanks, if undetected, would release the volume of the tank above the leak into the secondary containment dike. The entire shell of each tank is visible for inspection. The dike has adequate volume to contain a leak in any single vessel and for a 24-hour 25-year storm.

A leak in an above ground product line, if undetected, could result in a diesel spill into the dike or into the spill control basin. The maximum spill from this source is estimated at 50 gallons.

#### Underground Product Line Failure

A leak in the single wall steel diesel underground piping would result in a diesel release into soils and possibly to ground water.

#### Product Dispensing

Vehicle fueling is performed by members of the Commercial Fueling Network. There are five product dispensers located on four concrete islands protected by concrete-filled steel guard posts. Three of the dispensers contain meters and two are satellite units. The dispensers are equipped with automatic shut off nozzles, hose breakaway devices, and single poppet shear impact valves on the inlet lines.

A spill at the western dispensing area is contained by a concrete berm around the drive slab. Spills and sheens are manually removed with absorbent materials.

A spill at the eastern dispensing area would flow into the spill control basin with an estimated capacity of 2,300-gallons. Spills and sheens are manually removed with absorbent materials.

The maximum spill from this source is estimated at 50 gallons.

#### **4.2 Inspections and Records**

The entire shell of each tank is visible for inspection. Inspections include visually checking for leaks in the tanks and the above ground portion of the piping, checking the dispensing areas and spill control basin for spills or sheens, and checking for liquid accumulation in the dike. Inspections also include using a gage stick to measure the quantity of diesel in each tank and recording the dispenser-meter totalizer readings for the purposes of inventory control. Inspections are performed every day. Records of all inspections are signed by the person accountable for spill prevention and are kept for three years.

#### **5. FACILITY DRAINAGE**

All of the above mentioned tanks are located in a secondary-containment concrete dike open to rainfall. Whenever water is found in the dike, it is checked for sheens, sheens are removed if necessary, and then the dike is drained through the drain valve (normally locked closed) into the spill control basin (See Appendix A). The spill control basin has an estimated capacity of 2,300-gallons and no outfall.

Rain water accumulated in the dike may be drained into the spill control basin if the following conditions are



net: a) the drain valve is normally locked closed, b) the water is inspected for a petroleum sheen, any sheen must be completely removed prior to draining, c) the valve is opened, water is drained, and the valve is re-locked under responsible supervision, and d) adequate records are kept of such events. A petroleum absorbent pad may be used to remove sheen from water in the dike area.

During the wet season (October 1 to May 31), the dike should be inspected and drained every day the facility is open to prevent rainfall accumulation that will reduce the spill containment volume. No more than two days should pass without such inspection.

Storm water falling onto the western dispensing area is contained by a concrete berm around the drive slab. Sheens are manually removed with absorbent materials.

Storm water falling onto the eastern dispensing area flows into the spill control basin with an estimated capacity of 2,300-gallons. Sheens are manually removed with absorbent materials.

Because the western drive slab and spill control basin do not have outfall locations, their spill capacity is reduced during and after a storm event. Adding storm drainage facilities as proposed on the Spill Containment Plan (Appendix A) is an approach to improve the spill control capacity of the site.

## 6. SECURITY

The tanks and tank fill connections are protected by a chain-link fence around the top of the dike wall with a gate that is locked when Royal Petroleum employees are not present.

Area lighting for the eastern dispensing area and tank filling area is provided by yard lighting.

Fire extinguishers are present at the eastern and western dispensing areas.

## 7. PERSONNEL TRAINING AND SPILL PREVENTION PROCEDURES

The person accountable for spill prevention assures that facility personnel are properly instructed in spill prevention and in the proper operation of fueling equipment including the following items:

- a) Fueling equipment operations and maintenance
- b) Fuel handling and tank filling procedures
- c) Proper use and locations of fire and spill control equipment
- d) Specific hazards of each chemical (using MSDS) to which employees may be exposed
- e) Spill response procedures (see Appendix B)

The person accountable for spill prevention will explain the SPCC Plan to all new employees and will review the plan with all employees annually. A record of all training is kept in the employee's personnel file.

## 8. SPILL RESPONSE

Spill response will be limited to actions that are safe and within the scope of employee training and resources. Typically, employees will respond to and clean-up small spills. See the Royal Petroleum Oil Spill Response Plan presented in Appendix B.

## ON-LINE RESEARCH (SELECTED)

## Sonoma County Permit and Resource Management Department

**Website:** [www.sonomacountypermits.org](http://www.sonomacountypermits.org)

**Address:** 2550 Ventura Avenue  
Santa Rosa, CA 95403-2829

**Phone:** (707) 565-1900

**Fax:** (707) 565-1103

### Permit History Lookup

This service provides convenient access to permit history information. All reasonable effort has been made to ensure the accuracy of the data provided. However, the data may be out of date or inaccurate. The County of Sonoma assumes no responsibility arising from the use of this information. This information and associated data are provided without warranty of any kind, either expressed or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Do not make any business decisions based on this data before validating the data with the Sonoma County Permit and Resource Management Department.

### Permit History By Address

**Address:** 320 Corona Rd

**PRMD Area:** Petaluma

**Jurisdiction:** City

**Permits:** 13

### Permit History as of December 29, 2016

Number	Date	Status	Type	Description
7028	7/28/1996	File Closed	Zoning Violation	RESOLUTION OF COMPLIANCE
B-086850	8/2/1988	Expired	Building History Record	SURVEY
B-084496	5/2/1988	Finald	Building History Record	ELEC
B-084221	4/18/1988	Finald	Building History Record	ELEC UPGRADE
028835-B	2/10/1988	Finald	Building History Record	M/H W/O PERM
B-075068	11/20/1986	Expired	Building History Record	SECOND ELEC MET
B-074876	11/10/1986	Expired	Building History Record	UPGRADE ELECTRI
108629-B	10/14/1986	Finald	Building History Record	BUILDING W/O PE
B-034895	1/5/1979	Expired	Building History Record	ELEC MISC
A-035757	9/21/1972	Expired	Building History Record	SCALE FOU
A-023368	5/20/1969	Expired	Building History Record	FEED BINS
A-023068	4/14/1969	Expired	Building History Record	TANKS/BIN
A-021637	9/16/1968	Expired	Building History Record	ADDITION
Number	Date	Status	Type	Description

### Important Notes

- ◆ The Permit History provided may not include all records for this property. Further investigation may be required to obtain a more complete history, due to: address changes, parcel mergers, splits, retirements, etc.
- ◆ Date(s) listed in this report reflect the earliest known date(s) associated with each file. The date(s) listed are not associated with the current status.
- ◆ [Permit Status Definitions <http://www.sonoma-county.org/prmd/docs/permitsplus/status\\_standards.pdf>](http://www.sonoma-county.org/prmd/docs/permitsplus/status_standards.pdf) (PDF: 57 kb) have been modified through time, to better identify milestones during the life span of a specific File Type. Many historical files reflect statuses which are no longer in use.
- ◆ Although every effort is made to provide complete and accurate information on this website, visitors are advised to contact appropriate Permit and Resource Management Department (PRMD) staff before making project decisions. This may involve contacting more than one section within [PRMD](#) (Building, Plan Check, Zoning, Well & Septic, etc.), since each section implements specific codes or ordinances which may affect your project.

## Sonoma County Permit and Resource Management Department

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### Permit History By Address

**Address:** 890 N Mcdowell Blvd

**PRMD Area:** Petaluma

**Jurisdiction:** City

**Permits:** 1

### Permit History as of December 29, 2016

Number	Date	Status	Type	Description
WEL05-0092	3/3/2005	Withdrawn	Well Permit	GEOTECHNICAL BORING (4 HOLES)

### Important Notes

- ◆ The Permit History provided may not include all records for this property. Further investigation may be required to obtain a more complete history, due to: address changes, parcel mergers, splits, retirements, etc.
- ◆ Date(s) listed in this report reflect the earliest known date(s) associated with each file. The date(s) listed are not associated with the current status.
- ◆ [Permit Status Definitions <http://www.sonoma-county.org/prmd/docs/permitsplus/status\\_standards.pdf>](http://www.sonoma-county.org/prmd/docs/permitsplus/status_standards.pdf) (PDF: 57 [kB](#)) have been modified through time, to better identify milestones during the life span of a specific File Type. Many historical files reflect statuses which are no longer in use.
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**Matthew Rodriguez**  
Secretary for  
Environmental Protection

# Department of Toxic Substances Control

**Barbara A. Lee , Director**  
1001 I Street  
P.O. Box 806  
Sacramento , CA 958120806



**Edmund G. Brown Jr.**  
Governor

## EPA ID PROFILE

[Map](#)  
**ID Number:** CAC002583488      **Status:** INACTIVE  
**Name:** LARRY & ROBIN DREW/CLINTON & PATRICIA GOW      **Inactive Date:** 6/21/2005 3:01:00 PM  
**County:** SONOMA      **Record Entered:** 10/28/2004 10:47:29 AM  
**NAICS:** N/A      **Last Updated:** 6/21/2005 3:01:00 PM

	Name	Address	City	State	Zip Code	Phone
<b>Location</b>	LARRY & ROBIN DREW/CLINTON & PATRICIA GOW	320 CORONA RD	PETALUMA	CA	949520000	
<b>Mailing</b>		1000 PERONA RD	PETALUMA	CA	94954	
<b>Owner</b>	LARRY & ROBIN DREW/CLINTON & PATRICIA	1000 PERONA RD	PETALUMA	CA	94954	7077623411
<b>Operator/Contact</b>	ROBIN DREW	1000 PERONA RD	PETALUMA	CA	94954	7077623411

Based Only Upon ID Number: CAC002583488

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	INACTIVE

**California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page**

**Calif. Manifest Counts and Total Tonnage**

**No Records Found**

**Non California Manifest Total Tonnage**

**No Records**



**Matthew Rodriguez**  
 Secretary for  
 Environmental Protection

# Department of Toxic Substances Control

**Barbara A. Lee , Director**  
 1001 I Street  
 P.O. Box 806  
 Sacramento , CA 958120806



**Edmund G. Brown Jr.**  
 Governor

## EPA ID PROFILE

<a href="#">Map</a>			
<b>ID Number:</b>	CAL000017148	<b>Status:</b>	INACTIVE
<b>Name:</b>	DOLAN TRUCKING	<b>Inactive Date:</b>	1/1/1995 12:00:00 AM
<b>County:</b>	SONOMA	<b>Record Entered:</b>	11/14/1989 12:00:00 AM
<b>NAICS:</b>	N/A	<b>Last Updated:</b>	6/28/2001 12:00:00 AM

	Name	Address	City	State	Zip Code	Phone
<b>Location</b>	DOLAN TRUCKING	320 CORONA RD	PETALUMA	CA	949520000	
<b>Mailing</b>		320 CORONA RD	PETALUMA	CA	949520000	
<b>Owner</b>	BRANDAL TOM & JIM	--	--	99	--	0000000000
<b>Operator/Contact</b>	INACT UNDELVR SURVEY 12-21-94	--	--	99	--	--

Based Only Upon ID Number: CAL000017148

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	INACTIVE

**California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page**

**Calif. Manifest Counts and Total Tonnage**

**No Records Found**

**Non California Manifest Total Tonnage**

**No Records**



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

# Department of Toxic Substances Control

**Barbara A. Lee , Director**  
1001 I Street  
P.O. Box 806  
Sacramento , CA 958120806



**Edmund G. Brown Jr.**  
Governor

## EPA ID PROFILE

<a href="#">Map</a>	<b>ID Number:</b> CAD982320749	<b>Status:</b> INACTIVE	
<b>Name:</b>	V DOLAN TRUCKING INC	<b>Inactive Date:</b>	6/30/1998 12:00:00 AM
<b>County:</b>	SONOMA	<b>Record Entered:</b>	6/17/1988 12:00:00 AM
<b>NAICS:</b>	N/A	<b>Last Updated:</b>	8/10/2004 11:17:55 AM

	Name	Address	City	State	Zip Code	Phone
<b>Location</b>	V DOLAN TRUCKING INC	320 CORONA RD	PETALUMA	CA	949520000	
<b>Mailing</b>		PO BOX 750113	PETALUMA	CA	949750113	
<b>Owner</b>	--	--	--	99	--	0000000000
<b>Operator/Contact</b>	ERIC LEVY	INACTIVE PER VQ98 - BMI	--	99	--	--

Based Only Upon ID Number: CAD982320749

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	INACTIVE

**California and Non California Manifest Tonnage Total and Waste Code by Year  
Matrix by Entity Type (if available) are on the next page**

**Calif. Manifest Counts and Total Tonnage**

**No Records  
Found**

**Non California Manifest Total Tonnage**

**No Records**



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

# Department of Toxic Substances Control

**Barbara A. Lee , Director**  
1001 I Street  
P.O. Box 806  
Sacramento , CA 958120806



**Edmund G. Brown Jr.**  
Governor

## EPA ID PROFILE

<a href="#">Map</a>			
<b>ID Number:</b>	CAL000127524	<b>Status:</b>	INACTIVE
<b>Name:</b>	ROYAL PETROLEUM CO	<b>Inactive Date:</b>	6/30/2005 3:01:00 PM
<b>County:</b>	SONOMA	<b>Record Entered:</b>	10/3/1994 12:00:00 AM
<b>NAICS:</b>	44711	<b>Last Updated:</b>	12/4/2006 2:16:00 PM

	Name	Address	City	State	Zip Code	Phone
<b>Location</b>	ROYAL PETROLEUM CO	320 CORONA RD	PETALUMA	CA	949540000	
<b>Mailing</b>		365 TODD ROAD	SANTA ROSA	CA	954070000	
<b>Owner</b>	ROYAL PETROLEUM COMPANY	365 TODD ROAD	SANTA ROSA	CA	949525522	7075400054
<b>Operator/Contact</b>	JIM DALTON	365 TODD ROAD	SANTA ROSA	CA	954070000	7075400054

Based Only Upon ID Number: CAL000127524

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	INACTIVE

**California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page**

### **Calif. Manifest Counts and Total Tonnage**

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDf	ALT. TSDf
1994	1 0.45870	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1995	1 0.45870	0 0.00000	0 0.00000	0 0.00000	0 0.00000

1996	2 0.60000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1997	4 1.13000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1998	1 0.25000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1999	1 0.17500	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2000	1 0.15000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2001	1 0.20000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2005	1 1.25100	0 0.00000	0 0.00000	0 0.00000	0 0.00000

**Non California Manifest Total Tonnage**

**No Records  
Found**

<b>Waste Code Matrix</b>					
<b>California</b>	<a href="#"><u>Generator</u></a>	<a href="#"><u>Trans. 1</u></a>	<a href="#"><u>Trans. 2</u></a>	<a href="#"><u>TSDF</u></a>	<a href="#"><u>Alt. TSDF</u></a>
<b>RCRA</b>	<a href="#"><u>Generator</u></a>	<a href="#"><u>Trans. 1</u></a>	<a href="#"><u>Trans. 2</u></a>	<a href="#"><u>TSDF</u></a>	<a href="#"><u>Alt. TSDF</u></a>

[Waste Code Matrix as a spreadsheet](#)

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Results for California Waste Codes, as a Generator, for EPA-ID: CAL000127524

Calif. Waste Code	Description	1994	1995	1996	1997	1998	1999	2000	2001	2005
221	WASTE OIL AND MIXED OIL	0	0	0	0.38	0	0	0	0	0
223	UNSPECIFIED OIL-CONTAINING WASTE	0.4587	0.4587	0	0.75	0.25	0	0	0	1.251
352	OTHER ORGANIC SOLIDS	0	0	0.6	0	0	0.175	0.15	0.2	0
	Grand Totals	0.4587	0.4587	0.6	1.13	0.25	0.175	0.15	0.2	1.251

No results for California Waste Codes, as a Transporter 1, for EPA-ID: CAL000127524

No results for California Waste Codes, as a Transporter 2, for EPA-ID: CAL000127524

No results for California Waste Codes, as a TSDF, for EPA-ID: CAL000127524

No results for California Waste Codes, as a Alternate TSDF, for EPA-ID: CAL000127524

Results for RCRA, as a Generator, for EPA-ID: CAL000127524

RCRA	Description	1994	1995	1996	1997	1998	1999	2000	2001	2005
	Blank/Unknown	0.4587	0.4587	0.6	1.13	0.25	0.175	0.15	0.2	0
NONE	Blank/Unknown	0	0	0	0	0	0	0	0	1.251
	Grand Totals	0.4587	0.4587	0.6	1.13	0.25	0.175	0.15	0.2	1.251

No results for RCRA, as a Transporter 1, for EPA-ID: CAL000127524

No results for RCRA, as a Transporter 2, for EPA-ID: CAL000127524

No results for RCRA, as a TSDF, for EPA-ID: CAL000127524

No results for RCRA, as a Alternate TSDF, for EPA-ID: CAL000127524





**Matthew Rodriguez**  
Secretary for  
Environmental Protection

# Department of Toxic Substances Control

**Barbara A. Lee , Director**  
1001 I Street  
P.O. Box 806  
Sacramento , CA 958120806



**Edmund G. Brown Jr.**  
Governor

## EPA ID PROFILE

<a href="#">Map</a>			
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<b>Name:</b>	ROYAL PETROLEUM CO	<b>Inactive Date:</b>	6/30/2005 3:01:00 PM
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Based Only Upon ID Number: CAL000127524

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
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**California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page**

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**Non California Manifest Total Tonnage**

**No Records  
Found**

<b>Waste Code Matrix</b>					
<b>California</b>	<a href="#"><u>Generator</u></a>	<a href="#"><u>Trans. 1</u></a>	<a href="#"><u>Trans. 2</u></a>	<a href="#"><u>TSDF</u></a>	<a href="#"><u>Alt. TSDF</u></a>
<b>RCRA</b>	<a href="#"><u>Generator</u></a>	<a href="#"><u>Trans. 1</u></a>	<a href="#"><u>Trans. 2</u></a>	<a href="#"><u>TSDF</u></a>	<a href="#"><u>Alt. TSDF</u></a>

[Waste Code Matrix as a spreadsheet](#)

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# California Regional Water Quality Control Board

## San Francisco Bay Region



**Matthew Rodriquez**  
*Secretary for Environmental  
Protection*

1515 Clay Street, Suite 1400, Oakland, California 94612  
(510) 622-2300 • Fax (510) 622-2460  
<http://www.waterboards.ca.gov/sanfranciscobay>

**Edmund G. Brown, Jr.**  
*Governor*

Larry and Robin Drew  
1000 Corona Road  
Petaluma, CA 94954

September 8, 2011  
File No. 49-0169 (JMJ)

**SUBJECT: Underground Storage Tank (UST) Case Closure for J & D Automotive**  
278 Corona Road, Petaluma, Sonoma County, UST Case No. 49-0169

Dear Mr. and Mrs. Drew:

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

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

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

**Bruce H. Wolfe**  
Executive Officer



# California Regional Water Quality Control Board

## San Francisco Bay Region



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612  
(510) 622-2300 • Fax (510) 622-2460  
<http://www.waterboards.ca.gov/sanfranciscobay>

**Edmund G. Brown, Jr.**  
Governor

September 8, 2011  
File No. 49-0169 (JMJ)

Larry and Robin Drew  
1000 Corona Road  
Petaluma, CA 94954

**SUBJECT: Transmittal of Case Closure Letter and September 7, 2011, Site Closure Summary Form for J & D Automotive - 278 Corona Road, Petaluma Sonoma County, UST Case No. 49-0169**

Dear Mr. and Mrs. Drew:

Attached please find the uniform underground storage tank (UST) closure letter and the September 7, 2011, Site Closure Summary form for the subject site.

There may be residual contamination in both soil and groundwater at this site that could pose an unacceptable risk under certain development activities such as site grading, excavation, or installation of water wells. Future contractors performing subsurface activities should be prepared to possibly encounter residual soil and groundwater pollution. Any encountered pollution should be managed in a proper manner. Therefore, the impact or disturbance of any residual contamination or the installation of a water well near the residual contamination should be assessed by you and appropriate action taken so that there is no significant impact to human health, safety or the environment. This could necessitate additional sampling, health risk assessment, and mitigation measures.

You should notify the Sonoma County Health Department, Public Works Department, and the appropriate planning and building departments prior to any changes in land use, grading activities, excavation, or installation of water wells. Your notification should include a statement that residual contamination may exist on the property and it should list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risks are expected to reduce with time.

Please direct all questions and correspondence regarding this matter to John Jang of my staff at (510) 622-2366 (email address [jjang@waterboards.ca.gov](mailto:jjang@waterboards.ca.gov)).

Sincerely,

Bruce H. Wolfe  
Executive Officer

Enclosures:

Closure Letter  
September 7, 2011, Site Closure Summary form

cc w/ enclosures:

George Lockwood, SWRCB, UST Cleanup Fund Unit (email [glockwood@waterboards.ca.gov](mailto:glockwood@waterboards.ca.gov))  
Dave Charter, SWRCB, UST Cleanup Fund Unit (email [dcharter@waterboards.ca.gov](mailto:dcharter@waterboards.ca.gov))  
Sriram Iyer, SWRCB, UST Cleanup Fund Unit (email [siyer@waterboards.ca.gov](mailto:siyer@waterboards.ca.gov))  
Jenniffer Jordan, SWRCB, UST Cleanup Fund Unit (email [jjorden@waterboards.ca.gov](mailto:jjorden@waterboards.ca.gov))  
Kirk Larson, SWRCB, UST Cleanup Fund Unit (email [klarson@waterboards.ca.gov](mailto:klarson@waterboards.ca.gov))

Mr. Walter Kruse (email [wkruse@sonoma-county.org](mailto:wkruse@sonoma-county.org))  
Sonoma County Dept. of Health Services, Environmental Health Division

Darcy Bering (email [dbering@sonoma-county.org](mailto:dbering@sonoma-county.org))  
Sonoma County Dept. of Health Services, Environmental Health Division

Mr. Bill Wiggins (email [billwiggins@transtechconsultants.com](mailto:billwiggins@transtechconsultants.com))  
Trans Tech Consultants  
930 Shiloh Road, Building 44, Suite J  
Windsor, CA 95492

## SITE CLOSURE SUMMARY

### I. AGENCY INFORMATION

Date: September 7, 2011

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: (510) 622-2300
Responsible Staff Person: John Jang	Title: Water Resources Control Engineer

### II. SITE INFORMATION

Site Facility Name: J & D Automotive				
Site Facility Address: 278 Corona Road, Petaluma, California 94954				
RB Case Nos.: 49-0169		LOP Case No.: N/A		Priority: low
URF Filing Date:		SWEEPS No.: N/A		
Responsible Parties (include addresses and phone numbers)				
Larry and Robin Drew (707-753-0843)				
1000 Corona Road				
Petaluma, CA 94952				
Tank No.	Size in Gallons	Contents	Closed In-Place/Removed?	Date
1	550	Gasoline	Removed	5/19/87
2	550	Waste Oil	Removed	12/22/92
3	2000	Unleaded Gasoline	Removed	12/22/92

### III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Former USTs			
Site characterization complete? Yes		Date Approved by Oversight Agency: 02/23/2011	
Monitoring wells installed? yes		Number: 10	Proper screened interval? yes
Highest GW Depth Below Ground Surface: 2.71 ft		Lowest Depth: 7.55 ft	Flow Direction: SW to SE
Most Sensitive Current Use: residential			
Most Sensitive Potential Use and Probability of Use: The 5 –acre site is currently occupied by three residences and several light industrial/commercial buildings.			
Are drinking water wells affected? No		Aquifer Name: NA/	
Is surface water affected? No		Nearest SW Name: Unnamed, seasonal creek across the street. Corona Creek is 0.2 miles to the SE of the site	
Off-Site Beneficial Use Impacts (Addresses/Locations): None			
Report(s) on file? Yes		Where is report(s) filed? SFBRWQCB, Sonoma LOP, and Geotracker	
TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	(1) 2000-gallon (1) 550-gallon	Removed	12/22/92
	(1) 550-gallon	Removed	5/19/87
Piping	Unknown	Unknown	
Free Product	None	---	---
Soil	Unknown amt	Removed	1/17/91, 4/8/91, and 12/22/92



Groundwater	None		---		---				
Barrels	Unknown								
<b>MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS BEFORE AND AFTER CLEANUP</b>									
POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
					Xylenes		200	2,300	<1.0
TPHg		4,100	43,000	420	Lead		10	NA	NA
Benzene		5	1,900	<1.0	MTBE		0.21	NA	280
Toluene		80	350	<1.0	TPHd		47	1,400	
Ethylbenzene		39	1,500	<1.0	TPHmo		<50	ND	
<b>Comments (Depth of Remediation, etc.):</b>									
<p>“After” concentrations in soil are from final excavation sidewall &amp; bottom samples taken during the UST removal activities on 12/22/92.</p> <p>“Before” concentrations in groundwater from all grab groundwater samples taken prior to 1998.</p> <p>“After” concentrations in groundwater based upon the groundwater samples collected during the last round of monitoring wells sampling on 11/18/09 or on 12/27/07 (for TPHg).</p>									

#### IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes
Does corrective action protect public health for current land use? Yes
<p>Site Management Requirements: There may be residual contamination in both soil and groundwater at the site that could pose an unacceptable risk under certain development activities such as site grading, excavation, or installation of water wells. Therefore, the impact of the disturbance of any residual contamination or the installation of a water well near the residual contamination shall be assessed and appropriate action taken so that there is no significant impact to human health, safety or the environment. This could necessitate additional sampling, health risk assessment, and mitigation measures. The Sonoma County Health Dept., Public Works Dept., and the appropriate planning and building departments shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination may exist on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. Future subsurface activities should be prepared for possibly encountering residual soil and/or groundwater pollution and that any encountered pollution must be managed in a proper manner. The levels of residual contamination and any associated site risks are expected to reduce with time.</p>
<p>Housing: N/A  Monitoring Wells Decommissioned: yes  Number Decommissioned: 10  Number Retained: zero  List Enforcement Actions Taken: None  List Enforcement Actions Rescinded: None</p>

**V. TECHNICAL REPORTS, CORRESPONDENCE, ETC., UPON WHICH THIS CLOSURE RECOMMENDATION WAS BASED**

Title:	Date:
Revised Feasibility Study and Corrective Action Plan & Updated Site Conceptual Model by Trans Tech Consultants	March 4, 2011

**VI. ADDITIONAL COMMENTS, DATA, ETC.**

PLEASE INCLUDE/ATTACH THE FOLLOWING AS APPROPRIATE:

- 1) SITE MAP INDICATING TANK PIT LOCATION, MONITORING WELL LOCATION, GROUNDWATER GRADIENT, ETC.; AND
- 2) SITE COMMENTS WORTHY OF NOTICE (E.G., AREA OF RESIDUAL POLLUTION LEFT IN PLACE, DEED NOTICES ETC.)

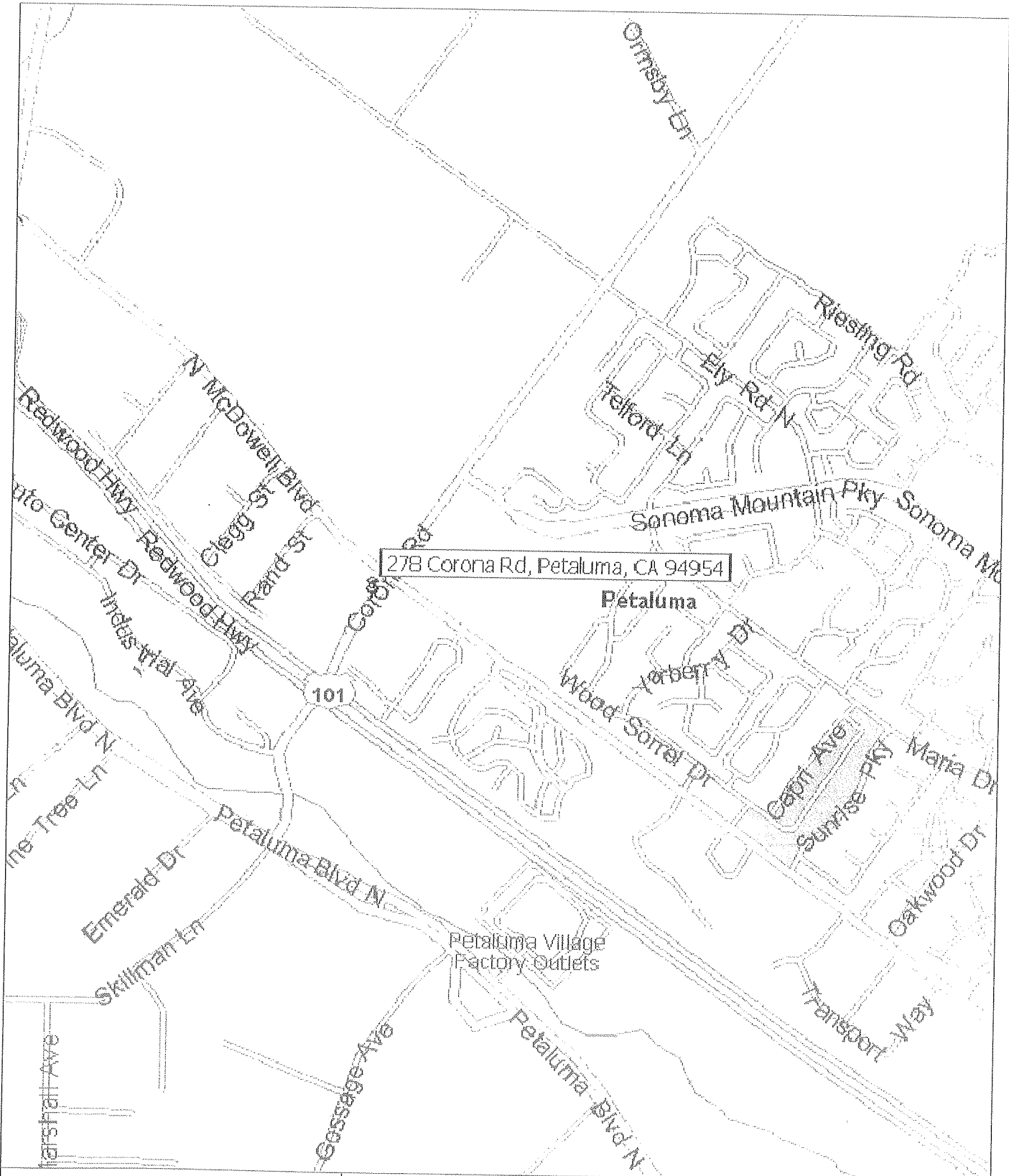
The Site is a 5-acre parcel containing three residences, several outbuildings, a contractor's storage yard, and two light industrial/commercial buildings. Two of the buildings are used as an automotive repair shop (J&D Automotive) and a muffler shop (Muffler Works). Two water wells are located on the property (DW-1 and DW-2). The Site is serviced by the City of Petaluma water and sanitary sewer services. The nearest surface water is an unnamed seasonal drainage creek located across Corona Road. Corona Creek is 0.20 miles SE of the Site and the Petaluma River is 0.40 miles south of the Site.

One gasoline UST installed in 1982 was removed on 5/19/87. During UST removal, no evidence of contamination during soil sampling and soil results was non-detectable (ND). In 1991, two areas of petroleum hydrocarbon impacted soil were discovered during grading activities. The impacted soil was reportedly excavated. One waste oil tank and one gasoline UST were removed on 12/22/92. Soil samples contained up to 4,100 mg/kg of TPHg and 5.0 mg/kg of benzene. On July 8, 1994, installed three monitoring wells (MWs) screened from 3 feet bgs to 12 feet bgs. An agency and door-to-door survey to identify domestic wells within a 1,000 feet radius of the subject site during 1995 discovered four domestic wells. No information regarding the depths of the domestic wells or well construction information was available. On September 4 and 5, 1996, advanced seven soil borings. Soil samples from the 1996 investigation contained up to 1,700 mg/kg of TPHg, 5.0 mg/kg of benzene, and ND concentrations of TPHd. Grab groundwater (GW) samples from 1996 contained up to 43,000 ppb of TPHg, 1,900 ppb of benzene, and ND concentrations of TPHd. On March 13, 1997, three soil borings were drilled. Soil samples from 1997 contained up to 1,800 mg/kg of TPHg and low concentrations of benzene and TPHd. Grab GW samples in 1997 contained 870 ppb of TPHg, 1,400 ppb of TPHd, and 1.6 ppb of benzene. On March 10, 1998 installed MW-4 screened 20 feet bgs to 5 feet bgs. A Cone Penetrometer Test was performed at the site on February 27, 2004 to assess the vertical extent of petroleum hydrocarbon impact. Advanced one CPT test hole (CPT-01) to 75 feet bgs. A grab GW sample at 35 feet bgs contained ND concentrations of TPHg, TPHd, BTEX, and MTBE. On March 1 and 2, 2004, advanced four additional monitoring wells screened 20 feet bgs to 5 feet bgs. On June 30, 2004, installed two additional monitoring wells screened 20 feet bgs to 5 feet bgs. The monitoring wells have been sampled on a relatively regular basis since installation. TPH as gasoline, diesel, and motor oil and BTEX have consistently been reported near or below laboratory reporting limits in all of the MWs except MW-1. The majority of impact to groundwater is from MTBE, with the highest concentrations in MW-1. Recent concentration trends demonstrate stable to declining trends of TPH-g and MTBE over time. Domestic wells (DW-1 and DW-2) have been sporadically sampled between 1996 and 2004 with consistent ND results. In July 2011, the ten MWs and DW-1, the domestic water well closest to the groundwater pollution were properly decommissioned (i.e., destroyed) under permit with Sonoma County.

Based on the following, case closure for this site is considered to be appropriate for closure as a low risk groundwater site:

- (1) The primary source (the former gasoline and waste oil USTs) were removed in 1987 and 1992. Encountered secondary sources, petroleum impacted soils, were excavated and transported offsite in 1991 and 1992. Based upon soil results, the majority of residual soil impact is proximate to the former 550-gallon UST located inside the automotive repair building. The residual impacted soil does not appear to be a source for significant groundwater contamination.
- (2) The site has been adequately characterized. The residual degree of impact to groundwater is minor and the extent of the impact to groundwater is limited. The residual groundwater pollution exhibits declining concentrations and therefore, is a shrinking plume.
- (3) The on-site water well (75 feet south of the former 1992 USTs) that is closest to and downgradient of the residual groundwater pollution, was decommissioned in July 2011. Given the minor residual declining concentrations in groundwater and the limited migration potential, it is highly unlikely that impacted groundwater from the site will impact the next closest water well located about 200 ft SE of the former 1992 USTs. Also, the area is served by the City of Petaluma water services.
- (4) Sensitive receptors and migration pathways that could be impacted by the release have been identified. No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors have been impacted or are likely to be impacted from the release(s) from the former USTs.
- (5) There is not a significant risk to human health. There is a small but easily manageable risk to human health if excavation/construction activities are conducted near the location of the former USTs. The potential risk would be mitigated by preparing a Soil and Groundwater Management Plan (SGMP). The SGMP would describe procedures to notify the appropriate regulatory agencies, protect worker's health, and manage impacted soil and/or groundwater if it is encountered.
- (6) The limited concentrations of the volatile components of gasoline in soil and groundwater and the fine-grained shallow soils indicates that the potential for a vapor intrusion problem is minimal.
- (7) The residual concentrations in the soil and groundwater apparently do not represent a current or future public health, ecological, and water resources threat.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.



**TRANS TECH CONSULTANTS**

930 SHILOH RD., BLDG 44, SUITE J  
 WINDSOR, CA 95492  
 PHONE: 707-837-8408 FAX: 707-837-7334

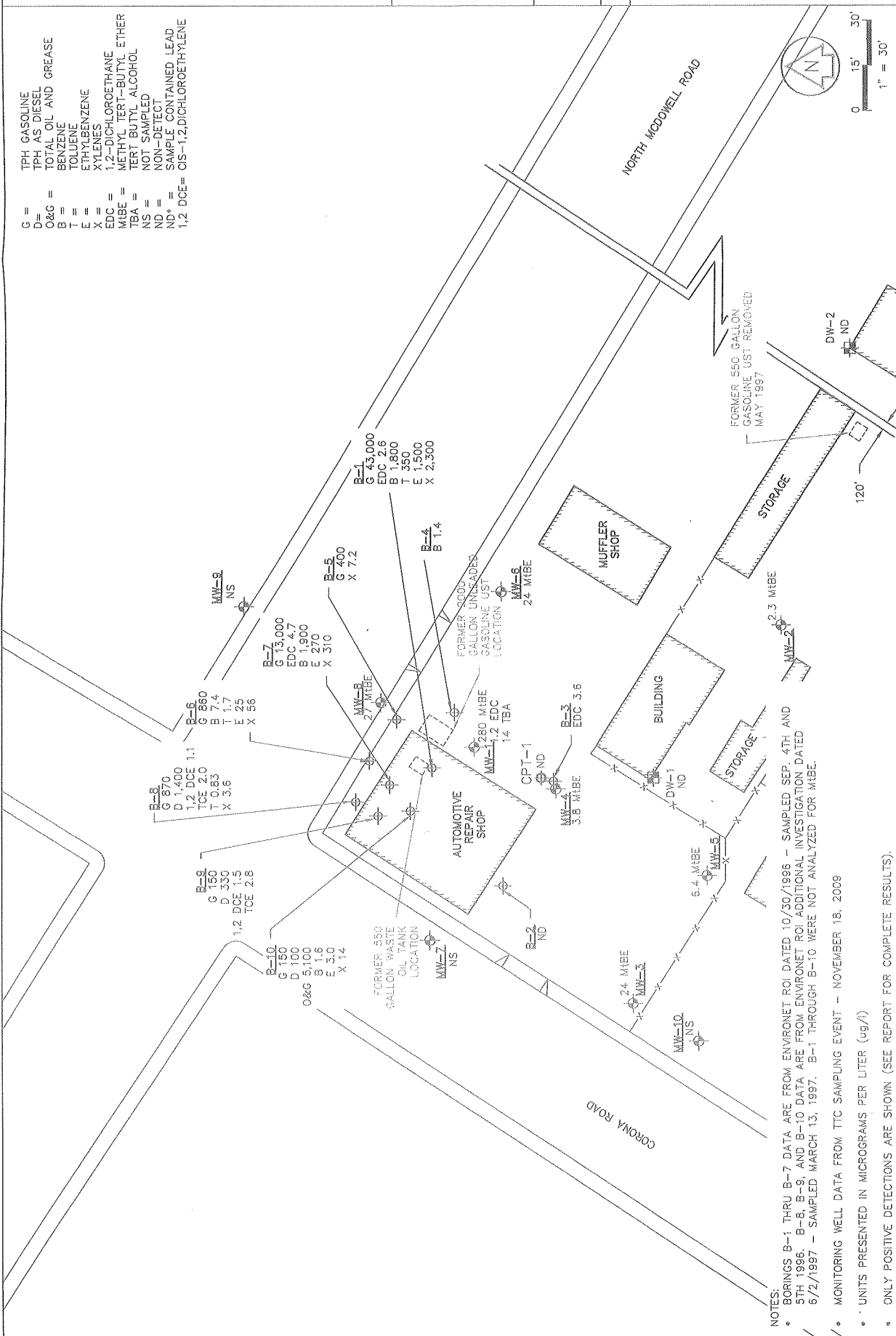
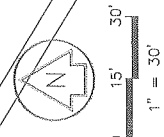
**SITE LOCATION MAP**

J&D AUTOMOTIVE  
 278 CORONA RD.  
 PETALUMA, CA

PLATE:  
 1

DRAWN BY: JLP	DWG NAME: 2159.01 SLM	APPR. BY: NA	JOB NUMBER: 2159.01	W.O. NUMBER: NA	REVISIONS:	DATE: 1/22/09
------------------	--------------------------	-----------------	------------------------	--------------------	------------	------------------

- G = TPH GASOLINE
- D = TPH AS DIESEL
- O&G = TOTAL OIL AND GREASE
- B = BENZENE
- T = TOLUENE
- E = ETHYLBENZENE
- X = XYLENES
- EDC = 1,2-DICHLOROETHANE
- MIBE = METHYL TERT-BUTYL ETHER
- TBA = TERT BUTYL ALCOHOL
- NS = NOT SAMPLED
- ND\* = NON-DETECT
- ND = SAMPLE CONTAINED LEAD
- 1,2 DCE = CIS-1,2-DICHLOROETHYLENE

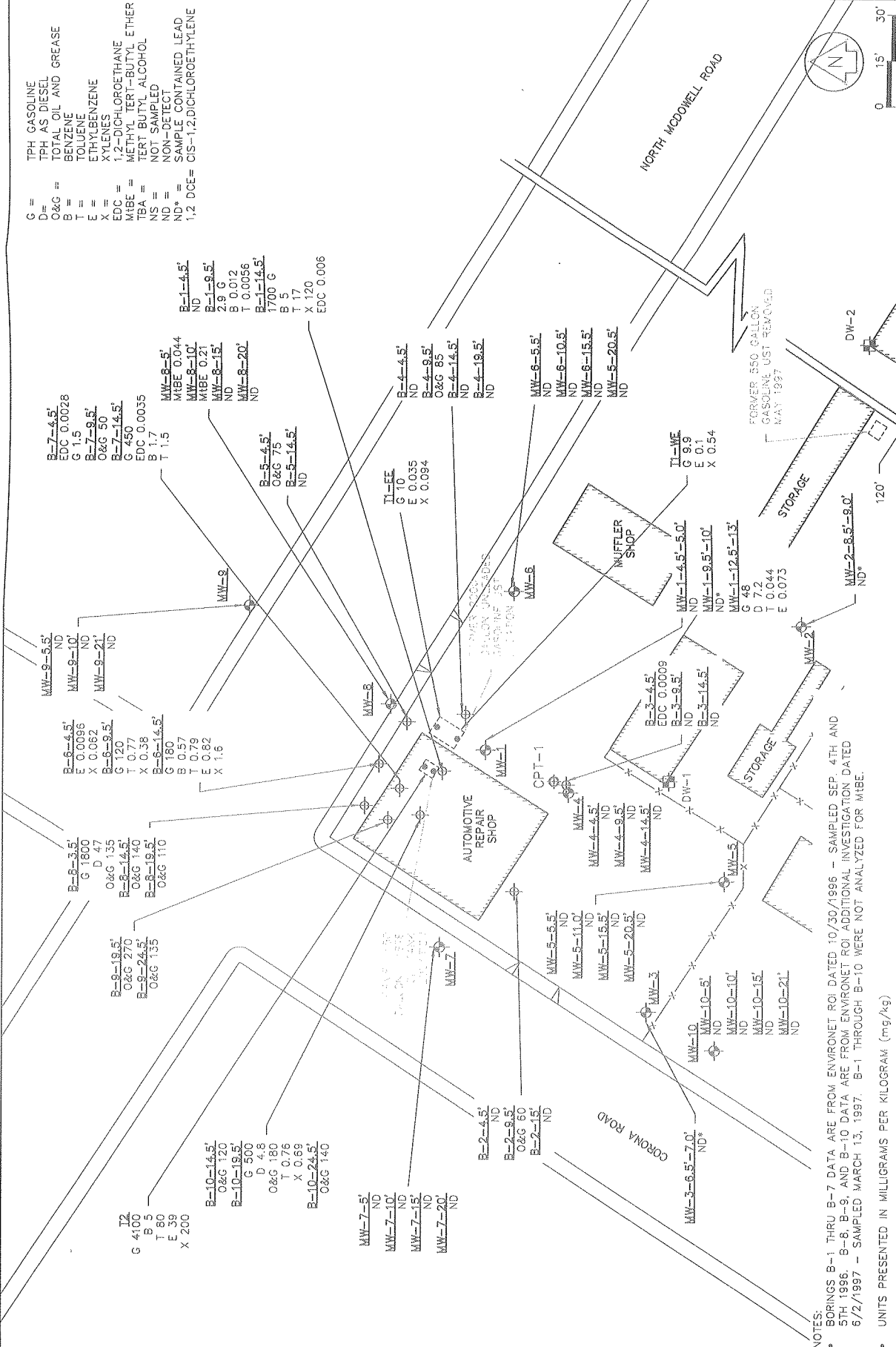


NOTES:

- BORINGS B-1 THRU B-7 DATA ARE FROM ENVIRONET ROI DATED 10/30/1996 - SAMPLED SEP. 4TH AND 5TH 1996. B-8, B-9, AND B-10 DATA ARE FROM ENVIRONET ROI ADDITIONAL INVESTIGATION DATED 6/2/1997 - SAMPLED MARCH 13, 1997. B-1 THROUGH B-10 WERE NOT ANALYZED FOR MIBE.
- MONITORING WELL DATA FROM TTC SAMPLING EVENT - NOVEMBER 18, 2009
- UNITS PRESENTED IN MICROGRAMS PER LITER (ug/l)
- ONLY POSITIVE DETECTIONS ARE SHOWN (SEE REPORT FOR COMPLETE RESULTS).

SITE PLAN WITH SOIL SAMPLE ANALYTICAL RESULTS  
 J&D AUTOMOTIVE  
 278 CORONA RD  
 PETALUMA, CA  
 DATE: 03/04/11  
 JOB NO: 2159.01

G = TPH GASOLINE  
 D = TPH AS DIESEL  
 O&G = TOTAL OIL AND GREASE  
 B = BENZENE  
 T = TOLUENE  
 E = ETHYLBENZENE  
 X = XYLENES  
 EDC = 1,2-DICHLOROETHANE  
 MIBE = METHYL TERT-BUTYL ETHER  
 TBA = TERT-BUTYL ALCOHOL  
 NS = NOT SAMPLED  
 ND = NON-DETECTED  
 ND\* = SAMPLE CONTAINED LEAD  
 1,2 DCE = CIS-1,2-DICHLOROETHYLENE



NOTES:  
 • BORINGS B-1 THRU B-7 DATA ARE FROM ENVIRONET ROI DATED 10/30/1996 - SAMPLED SEP. 4TH AND 5TH 1996. B-8, B-9, AND B-10 DATA ARE FROM ENVIRONET ROI ADDITIONAL INVESTIGATION DATED 6/2/1997 - SAMPLED MARCH 13, 1997. B-1 THROUGH B-10 WERE NOT ANALYZED FOR MIBE.  
 • UNITS PRESENTED IN MILLIGRAMS PER KILOGRAM (mg/kg)  
 • ONLY POSITIVE DETECTIONS ARE SHOWN (SEE REPORT FOR COMPLETE RESULTS).



**Appendix D - Historical Laboratory Analytical Results**

Well ID	Sample Date	TPH as Gasoline	B	T	E	X	MtBE	EDC	Add. 8260B
		µg/L							
MW-1	9/12/96	70	0.60	ND	0.70	0.70	NA	5.5	ND
	12/12/96	6900 <sup>1</sup>	ND	ND	ND	ND	6800	NA	ND
	3/19/97	980 <sup>1</sup>	ND	ND	ND	1.8	980	ND	ND
	6/12/97	6100 <sup>1</sup>	10	ND	ND	0.70	6000	ND	ND
	9/11/97	7800 <sup>1</sup>	ND	ND	ND	ND	7400	ND	ND
	12/11/97	ND	ND	ND	ND	ND	6900	4.0	ND
	3/18/98	ND	ND	ND	ND	ND	2400	NA	ND
	6/18/98	ND	ND	ND	ND	ND	1900	NA	ND
	1/07/99	ND	ND	ND	ND	ND	2900	NA	ND
	3/08/00	3500 <sup>1</sup>	<0.5	<0.5	<0.5	<1.5	3500	<1.0	ND
	12/26/01	53	<0.3	<0.3	<0.5	<0.5	2900	NA	0.52 ETBE 0.50 TAME 27 TBA
	6/20/02	2000 <sup>1</sup>	0.68	<0.5	<0.5	<1.5	1000	<10	980 TBA
	9/09/02	690 <sup>1</sup>	<2.5	<2.5	<2.5	<7.5	1500	<10	380 TBA
	12/06/02	1500 <sup>1</sup>	<0.5	<0.5	0.60	1.7	1500	<100	ND
	3/07/03	930 <sup>1</sup>	<20	<20	<20	<20	930	<20	ND
	6/05/03	740 <sup>1</sup>	1.5	1.0	<1.0	<1.0	740	1.0	ND
	9/11/03	620 <sup>1</sup>	<20	<20	<20	<20	620	<20	ND
	3/08/04	NA	<10	<10	<10	<10	1100	<10	ND
	7/09/04	NA	<10	<10	<10	<10	570	<10	ND
	10/05/04	NA	<10	<10	<10	<10	750	<10	ND
	1/12/05	NA	<10	<10	<10	<10	620	<10	ND
	5/06/05	NA	<10	<10	<10	<10	240	NA	ND
	8/16/05	NA	<5.0	<5.0	<5.0	<5.0	200	NA	ND
12/12/05	NA	<2.0	<2.0	<2.0	<2.0	240	<2.0	2.1 ETBE 4.1 TAME	
2/23/06 *	180	39	<0.6	5.5	14	370	NA	NA	

Note: TPH as diesel detected at a concentration of 70 µg/L on 12/11/97



Appendix D - continued

Well ID	Sample Date	TPH as Gasoline	B	T	E	X	MtBE	EDC	Add. 8260B
		µg/L							
MW-1 cont'd	2/23/06**	350 <sup>1</sup>	27	<0.5	4.3	10	310	NA	NA
	9/18/07*	<50	<0.30	<0.30	<0.5	<0.50	550	NA	NA
	9/18/07**	320 <sup>1</sup>	<5.0	<5.0	<5.0	<5.0	320	NA	NA
	12/27/07	420 <sup>1</sup>	<2.0	<2.0	<2.0	<2.0	420	NA	NA
	3/11/08	NA	6.3	<5.0	<5.0	<5.0	390	<5.0	7.6 TAME
	6/05/08	NA	<5.0	<5.0	<5.0	<5.0	320	<5.0	ND
	9/05/08	NA	<2.0	<2.0	<2.0	<2.0	280	<2.0	2.6 ETBE 4.9 TAME
	11/18/09	NA	<1.0	<1.0	<1.0	<1.0	280	1.2	14 TBA 3.6 ETBE 6.4 TAME



**KEY SITE MANAGER  
QUESTIONNAIRE**

# MISCELLANEOUS

## CLIENT SUPPLIED INFORMATION



# Phase I Environmental Site Assessment Report

890 North McDowell Boulevard  
Petaluma, California

February 9, 2010

*Prepared for:*

Sonoma Marin Area Rail Transit  
750 Lindero St., Suite 120  
San Rafael, CA 94901

*Prepared by:*

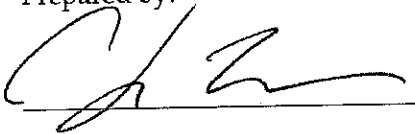
**CDM**  
300 Pringle Ave, Suite 100  
Walnut Creek, California 94596

Project No. 89435-73950



The information contained in the document titled "Phase I Environmental Site Assessment" for site "890 North McDowell Boulevard, Petaluma, California", dated February 9, 2020, has received appropriate technical review and approval. The conclusions and recommendations presented represent professional judgments and are based upon findings from the investigations and sampling, if conducted, identified in the report and the interpretation of such data based on our experience and background. This acknowledgement is made in lieu of all warranties, either expressed or implied. The activities outlined in this report were performed under the supervision of an environmental professional, as required under the American Society for Testing and Materials (ASTM) Standard Practice E 1527-05.

Prepared by:

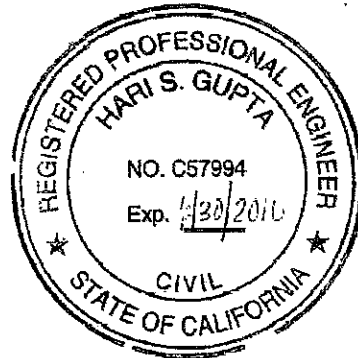


Carolyn Moore  
Staff Engineer

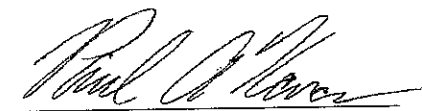
Reviewed and Approved by:



Hari Gupta, P.E., R.E.A. I  
Project Manager



Reviewed and Approved by:



Paul Karas, C.P.G., CHMM.  
Associate

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# Executive Summary

At the request of the Sonoma Marin Area Rail Transit (SMART), Camp Dresser & McKee Inc. (CDM) conducted a Phase I Environmental Site Assessment (ESA) of the property located at the address 890 North McDowell Boulevard, Petaluma, California, hereafter referred to as the subject property. The subject property is identified with Assessor's Parcel Number (APN) 137-061-019. One additional address has been historically associated with the subject property (320 Corona Road). The work was performed in conformance with the scope and limitations of the American Society Testing and Materials Standard (ASTM) Practice E 1527-05 which the EPA has indicated is consistent and compliant with the EPA's final "All Appropriate Inquiries" (AAI) rule (40 CFR Part 312) for the purpose of identifying recognized environmental conditions at the subject property; the Scope of Work outlined below; and local, state and federal requirements for the Phase I ESA. A recognized environmental condition (REC) is defined in the ASTM Standard Practice E 1527-05 as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or a potential threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The objective of this Phase I ESA is to identify the presence or likely presence of hazardous substances and petroleum products from onsite or offsite sources that, by their location or proximity to the subject property, could represent RECs, historical recognized environmental conditions (HRECs), and areas of environmental concern at the subject property to the extent that information used to make such assessments is reasonably ascertainable.

The results of this Phase I ESA were based upon information obtained by CDM through a review of pertinent historical documents, an AAI Questionnaire filled out by property owner Robin Drew, review of regulatory records, and observations specific to environmental conditions at the subject property made by CDM during site reconnaissance conducted on November 6 and 14, 2009.

The following sources were used to determine the subject property history: available Historical Aerial Photographs; Historical Topographic Maps; Environmental Lien Report, historical valuation maps provided by SMART, and a City Directory Search, which were provided by Environmental Data Resources, Inc. (EDR), were also reviewed. Sanborn Fire Insurance Maps were requested but were not available. The regulatory history was reviewed through a review of records and files at local and state agencies, including the City of Petaluma Community Development and Fire Departments, the County of Sonoma Department of Emergency Services, the County of Sonoma Permit and Resource Management Department, the North Coast Regional Water Quality Control Board and the Department of Toxic Substances Control. Regulatory database records were also provided by EDR.

The subject property is currently owned by Larry Drew and Robin Drew as community property and Clinton M. Gow and Patricia M. Gow as joint tenants,

according to the Chain of Title Search within the EDR, and covers an area of approximately 6.56 acres. Review of historical aerial photographs indicate that most structures currently onsite have been present at least since 1953 or earlier (the currently boarded home/office located in the northern portion is present in topographic maps since at least 1944).

During the site reconnaissance, tanker truck parking and mobile trailers used as offices were observed onsite, primarily in the eastern half of the subject property. The tanker trucks are operated by Ruan Trucking and Matheson Trucking. Notations on the tanker trucks indicates the products transported are food grade. Larry Drew Backhoe occupies a mobile trailer office identified as 320 Corona Road. Structures including a corrugated metal warehouse, an office or residential structure, a building housing an apparent groundwater well, a corrugated metal warehouse structure with an attached shed containing two oil-fueled boilers, a truck scale with four manholes and an adjoining concrete-block building, and a corrugated metal building identified as the "Price Building" in the southern portion. Lumber operations were observed taking place outside in a yard associated with the "Price Building". Three inactive ASTs were also observed onsite within a containment area with three dispenser island concrete footings located nearby. Records indicate that the ASTs were operated by Royal Petroleum and were reportedly emptied and the dispensers removed in 2005 when fueling facility was closed. No record exists of removal of subsurface piping or dispensing connections that were likely associated with the fueling facility. Standing liquid which appeared to be primarily rainwater was also observed within the AST containment area. Two of the ASTs are listed with a capacity of 4,000 gallons and 10,000 gallons and were used to store diesel (total capacity of ASTs may be up to 18,000 gallons). Indications of waste storage include six unidentified 55-gallon drums which were observed inside the truck scale concrete block building. A vault or storm drain covered with a metal sheet was observed in the northeastern portion of the subject property.

Historical resources reviewed show that past occupants of the property include Royal Petroleum (referenced above), which operated a commercial card lock fueling facility, and Stringer Sportswear, which manufactured unspecified items at the subject property. Records from the City of Petaluma dated September 1992 show Stringer Sportswear as having a release of process water to the storm drain. Corrective action recommended included direction of process water to an existing septic tank if no chemicals were present. The nature of the process water that was released, the location of the release and the location of the septic tank mentioned is unknown. Historical occupants also included the Pacific Guana Company in 1958 and 1959. A historical review of aerial photographs and topographic maps indicates that at least three structures were located along the eastern property boundary, at least two of those were relatively large commercial buildings (from approximately 1950s through the 1970s and probably the early 1980s). The valuation map provided by SMART (date of map not known) indicated that one of those former structures was likely a store house. The map also shows four smaller structures to the west of the storehouse. The purpose of the remaining former buildings is not known.

Environmental record review indicates that an unnamed current occupant of the subject property, most likely V Dolan Trucking, is operating a trucking business which handles hazardous waste. V Dolan Trucking, located at 320 Corona Road, Petaluma, California, is listed as a RCRA hazardous waste Non-Generator. The type and volume of hazardous waste handled by this business is unknown. No violations are on record for this facility per the regulatory database records reviewed through the information provided by EDR.

Adjacent properties include the former Northwestern Pacific Railroad right-of-way (ROW) and a farm to the east, residential properties to the east and south and southwest, commercial and retail properties to the west and northwest. Nearby commercial properties include a United States Postal Facility north of the subject property that has been present since 1993. A commercial and retail development located to the west of the subject property includes numerous research and technology business at addresses 1125 through 1139 North McDowell Boulevard. Two automotive repair businesses are located to the west- of the subject property.

Environmental database review indicates that one of the adjacent automotive businesses, J&D Automotive, located at 278 Corona Road, is undergoing remediation for a leaking underground storage tank (LUST). No active gas stations were identified within the vicinity of the subject property but numerous properties with USTs associated with commercial activities were identified located within the general vicinity of the subject property, although not directly adjacent. Ten LUST sites were identified within 0.5 miles of the subject property. Of the Ten two of the LUST sites are open and identified as cross or up gradient of the subject property. Of the eight close LUST sites, four were identified as being cross or up gradient to the subject property with distances ranging from 0.357 miles to 0.422 miles from the subject property in the west-northwest to northwest direction. Five historical UST sites were identified within 0.25 miles of the subject property, two of the five historical USTs sites are located on adjacent properties in a cross-gradient or up gradient direction at distance ranging from 0.003 to 0.030 miles. No records of tank removal was found for the two adjacent historical USTs sites. Based on the distance from each location and the location with respect to groundwater flow direction the two open LUST sites and two historical UST sites are considered RECs and the four closed UST locations are considered HRECs.

Responses on the AAI Questionnaire indicate that a Phase I and Phase II ESA have previously been conducted at the subject property. Robin Drew also indicated that there is or has been an environmental lien associated with the subject property and there are records of spills or chemical releases occurring at the subject property. No documentation was provided with the questionnaire.

Several other environmental database records were found pertaining to the adjacent properties within the ASTM search distances. However, none of these records, aside from those already mentioned, suggest releases or infractions that in CDM's opinion



are likely to adversely affect the subject property, and none of the records warrant further investigation.

CDM has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527 for 890 North McDowell Boulevard in Petaluma, California (APN 137-061-019). Exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except for the following:

- Based on the age of the existing buildings located onsite (present since at least 1944) there is a potential for lead-based paint and asbestos containing materials to be present in the buildings and the soils surrounding the structures.
- A corrugated metal warehouse with an attached boiler shed contained two oil-fired boilers. There is no information available on the storage and handling practices of fuel oil that was likely used in the boilers. If underground storage tanks were used it is possible that the tanks may remain in-place at the subject property.
- There is a potential for the historical use of pesticides, and herbicides for maintenance activities such as vector control and weed control at the adjacent railroad tracks and due to the proximity may have resulted in the release of these chemicals to the soil at the subject property.
- Subsurface piping associated with former commercial fueling operations associated with Royal Petroleum may still be present near the three inactive ASTs, two of which were used to store diesel fuel present at the subject property. Closure documents from 2005 indicate that dispensers were removed and tanks were cleaned and degassed, but contain no record of subsurface piping removal or of soil or groundwater sampling.
- Former manufacturing operations at Stringer Sportswear at the subject property present a potential for release of process water to the subsurface through release to the storm drain. The process wastewater was reportedly to be re-routed to an existing septic tank. The nature of the process water that was released, the location of the release and the location of the septic tank mentioned is unknown. The unknown manufacturing operations, with unknown associated chemicals and known releases is a REC.
- Former manufacturing operations at Pacific Guano Company at the subject property present a potential for release of fertilizer or fertilizer ingredients to the surface soil and the subsurface including soil and groundwater. The location of the fertilizer company and the former presence of a fertilizer handler and processor is considered a REC to the subject property and merits further investigation.

- The presence of a RCRA hazardous waste transporter (V Dolan Trucking) onsite with few details known pertaining to their waste handling practices presents a potential for hazardous waste release to the subject property soil and groundwater.
- The existing truck scale with four manholes may contain a hydraulic lift mechanism. The condition of the mechanism, which may contain a subsurface hydraulic oil reservoir, is not known and represents potential threat to the subsurface. Additionally, six 55-gallon drums stored in the adjoining concrete-block building represents an environmental concern.
- The presence of an apparent well, identified during site reconnaissance, poses a REC to the subject property. The well may serve as a vertical conduit for surface spills or contaminants to reach groundwater. The well also may have been used for waste disposal or may have been impacted by a spill in the building where it is located.
- The potential existence of an environmental lien, as reported by Ms. Robin Drew in the AAI Questionnaire responses is considered a REC. A review of EDR's search of environmental liens or any AULs associated with the subject property did not indicate any environmental liens or AULs. This is considered both a data gap and a REC.
- The reported onsite spills or chemical releases as indicated by Ms. Robin Drew in the AAI Questionnaire responses is considered a REC. EDR and agency review did not reveal the subject site to be the site of a current or former cleanup action or spill response. This unknown spill or chemical release is considered both a data gap and a REC.
- A total of four offsite RECs were identified through environmental database review. Two LUST sites (J & D Automotive and Office Helper) within 0.5 miles of the subject property were identified to be up or cross gradient of the subject property with remediation or remediation verification ongoing. Two other historical UST located at properties near or immediately adjacent to the subject property (City of Petaluma Fire Station Number 2 and William Brody at 360 Corona Road) were identified as RECs due to proximity (0.003 miles and 0.03 miles respectively), up gradient locations and lack of current information regarding site USTs.
- The vault or stormwater inlet identified during site reconnaissance also represents a REC to the subject property. The semi-covered opening also presents a potential vertical conduit for surface spills to reach subsurface soil or groundwater and merits further soil and groundwater investigation.
- Lumber operations conducted at the southern portion of the subject property associated with the "Price Building" may involve use of wood preservatives

and/or spray painting operations which may represent a data gap and a potential REC.

Based on the results of this ESA, if SMART wishes to proceed with this acquisition, CDM recommends further investigation consisting of limited soil and groundwater sampling and analysis to evaluate if the subsurface has been impacted from past operations. The detailed sampling and analysis plan should be included in a work plan. A lead-based paint survey and asbestos-containing material survey of building material should be conducted of onsite historical buildings. Surface soil samples from locations adjacent to current and former buildings should also be collected and analyzed for the presence of lead. .

CDM also recommends that additional information be collected regarding the previous occupants/tenants. This may involve conducting additional interviews and/or site visits to access those structures that could not be accessed earlier and to obtain additional information on the past and current operations.

This Executive Summary is not intended to be read as a stand-alone document. The reader should review the detailed information regarding each item in the following sections.

# Section 1 Introduction

## 1.1 Objectives

At the request of the Sonoma Marin Area Rail Transit (SMART), Camp Dresser & McKee Inc. (CDM) conducted a Phase I Environmental Site Assessment (ESA) of the property located identified with APN 137-061-019, hereafter referred to as the subject property (subject property; Figure 1). APN 137-061-019 is associated with 890 North McDowell Boulevard in Petaluma, California. Other addresses that may have been associated with the subject property include 320 Corona Road. The subject property boundaries are as defined on page 6 of the Chain of Ownership Report, included in the EDR (Appendix C). This ESA is being conducted to support potential acquisition of the real property by SMART and future development plans which will potentially include a rail transit station.

The objective of this Phase I ESA is to identify the presence or likely presence of hazardous substances and petroleum products from onsite or offsite sources that, by their location or proximity to the subject property, could represent RECs, historical recognized environmental conditions (HRECs), and areas of environmental concern at the subject property to the extent that information used to make such assessments is reasonably ascertainable. A REC is defined in the ASTM Standard Practice E 1527-05 as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or a potential threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. CDM followed the American Society of Testing & Materials (ASTM) Standard E 1527-05 (current edition) for the Phase I ESA; the Scope of Work outlined below; and local, state and federal requirements for the Phase I ESA.

The evaluation was focused on past and present use of the subject property and surrounding adjacent area. It was not the purpose of this assessment to determine the degree or extent of contamination, if any, but rather the potential for contamination or environmental concern (conditions indicative of a release or a threat of a release of hazardous substances or petroleum products).

## 1.2 Environmental Professional Statement

SMART retained CDM to perform an ESA to evaluate the subject property. Ms. Carolyn Moore and Mr. Hari S. Gupta, P.E. of CDM performed the site reconnaissance on November 6 and 14, 2009. The report was prepared by Ms. Carolyn Moore and reviewed by Mr. Paul Karas, C.G.P., CHMM, an Environmental Professional, and Mr. Hari S. Gupta, an Environmental Professional, per the ASTM Designation E 1527-05 (current edition), citing 40 Code of Federal Regulations (CFR) §§ 312.10 and 312.21(d), experienced in the preparation of Phase I ESA reports for the industrial/commercial industry (résumés of key CDM personnel are provided in Appendix A).

As required by §12.13 *Environmental Professional Statement* of ASTM E 1527-05, Mr. Paul Karas and Hari Gupta declare that, to the best of their professional knowledge and belief, they meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. Mr. Karas and Mr. Gupta have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. They have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. CDM is an independent entity and has no material interest in the subject property.

### 1.3 Scope of Work

To achieve the objectives described above, CDM completed the following tasks in accordance with the scope of services described in CDM's proposal to SMART dated October 26, 2009:

- Perform a site reconnaissance of the subject property for visible evidence of RECs.
- Identify present and past owners/occupants of the subject property and adjacent sites and review the property records for information concerning usage, storage, treatment and disposal of hazardous substances.
- Review site history and usage back to the first developed use or undeveloped land or 1940, whichever occurs first through reasonably ascertainable information. These sources of historical information may include chain of title records, aerial photographs, topographic maps, Sanborn Fire Insurance Maps, building department records, and government records.
- Conduct interviews with current/past owners and occupants and local regulatory agencies to obtain historical information about the environmental condition of the subject property to the extent these sources are reasonably available.
- Review readily available information at federal, state, tribal, and local government agencies having jurisdiction to obtain information concerning the usage, storage, treatment and disposal of hazardous substances, known or suspected releases, and whether there have been non-compliance notices or permit violations against the subject property.
- Obtain a hydrogeological profile (physical setting) of the subject site/adjoining properties.
- Report preparation that summarizes our assessment and presents our findings and opinions.

## 1.4 Methodology

The following summarizes the procedures used in conducting this Phase I ESA.

CDM followed the methodology proposed for conducting ESAs under ASTM 1527-05 (current edition). Historical information about the subject property and the vicinity was obtained from available historical aerial photographs, topographic maps, available street directories, government records, historical topographic maps, and other reasonably ascertainable sources. Historical information reviewed is summarized in Section 2. CDM obtained historical information from EDR of Milford, Connecticut. Information obtained from interviews with past owners/occupants, if available, and the subject property legal description is presented in Section 2. The subject property and vicinity physical setting is described in Section 3 which includes hydro geological setting information gathered by CDM. A description of the site improvements and site reconnaissance observations are described in Section 4. CDM conducted a site walk through the subject property and conducted a perimeter review of the accessible portions of the adjoining properties on November 6 and 14, 2009. Relevant observations were noted, photographs were taken. Environmental records on file with government agencies were requested either directly with regulatory agencies or through an environmental regulatory database search conducted by EDR. The information reviewed is provided in Section 5. Our findings and conclusions including CDM's opinion of the current conditions at the subject property are presented in Section 6. Finally, references are included in Section 7. The qualification of the environmental professional tasked with overseeing this Phase I ESA and other CDM personnel are included in Appendix A.

## 1.5 Limitations, Exclusions, and Assumptions

This document was based on the scope of services as presented in CDM's proposal dated October 26, 2009 provided to SMART. Services were performed in accordance with generally accepted professional practice, applicable to work of similar nature and complexity at similar localities at the time performed. This work was intended to provide an indication of the current environmental conditions at the subject property at the time of the assessment, as described in the section on scope of services. However, the professional services rendered by CDM, including the conclusions and opinions provided herein, are not guaranteed to be a representation of actual site conditions or contamination, which are subject to change with time as a result of natural or anthropomorphic processes.

CDM makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this investigation. If no hazardous substances or petroleum products are identified as part of a limited scope of work, such a conclusion should not be construed as a guaranteed absence of such materials, but merely the results of the evaluation. In addition, events may occur after the subject property visit that may result in contamination of the subject property. Additional information, which was



not found or available to CDM at the time of report preparation, may result in a modification of the conclusions and recommendations presented.

The work was conducted under the current contract CDM has with SMART. This document was prepared for the sole use of SMART and any use of, or reliance on, this document by any other party shall be at its sole risk and without liability or legal exposure to CDM, or to its sub consultants.

There are exclusions to the scope of work recommended for conducting ESAs as contained in ASTM 1527-05. We assume that the subject property boundary is defined by the address and parcel numbers described in Section 1.1 and as shown on Figure 2 and in tax assessor's parcel maps provided by SMART. It is possible that historical records for the subject property may have been kept at governmental agencies under additional addresses; however, these addresses were not known to SMART and the information was not provided to CDM.

CDM was not able to access several of the buildings located onsite which were locked and inaccessible, including a building housing lumber operations in the southern portion of the property. Due to extensive parking of trucks and storage at the subject property, some of the ground surface could not be viewed. In addition, no one familiar with the subject property accompanied CDM during the site walks or provided information about the subject property.

## 1.6 Data Gaps

The ASTM E1527-05 standard includes requirements to conduct interviews with past owners of the subject property. The majority of the property was previously owned by corporations, or LLCs, and therefore no individuals representing past owners could be identified to be interviewed, however the online database of the Sonoma County Tax Assessor's Office and the Environmental Lien Report from EDR were reviewed. Efforts made to contact the current owner of the property and current businesses operating at the subject property were of limited use as the property owners declined to provide any information other than completing the AAI Questionnaire. Therefore information on current and previous operations is limited to what was publically available, this includes information on hazardous waste handling operations currently located at the subject property. A complete characterization of the past and current businesses and occupants was not possible due to limited availability of government records.

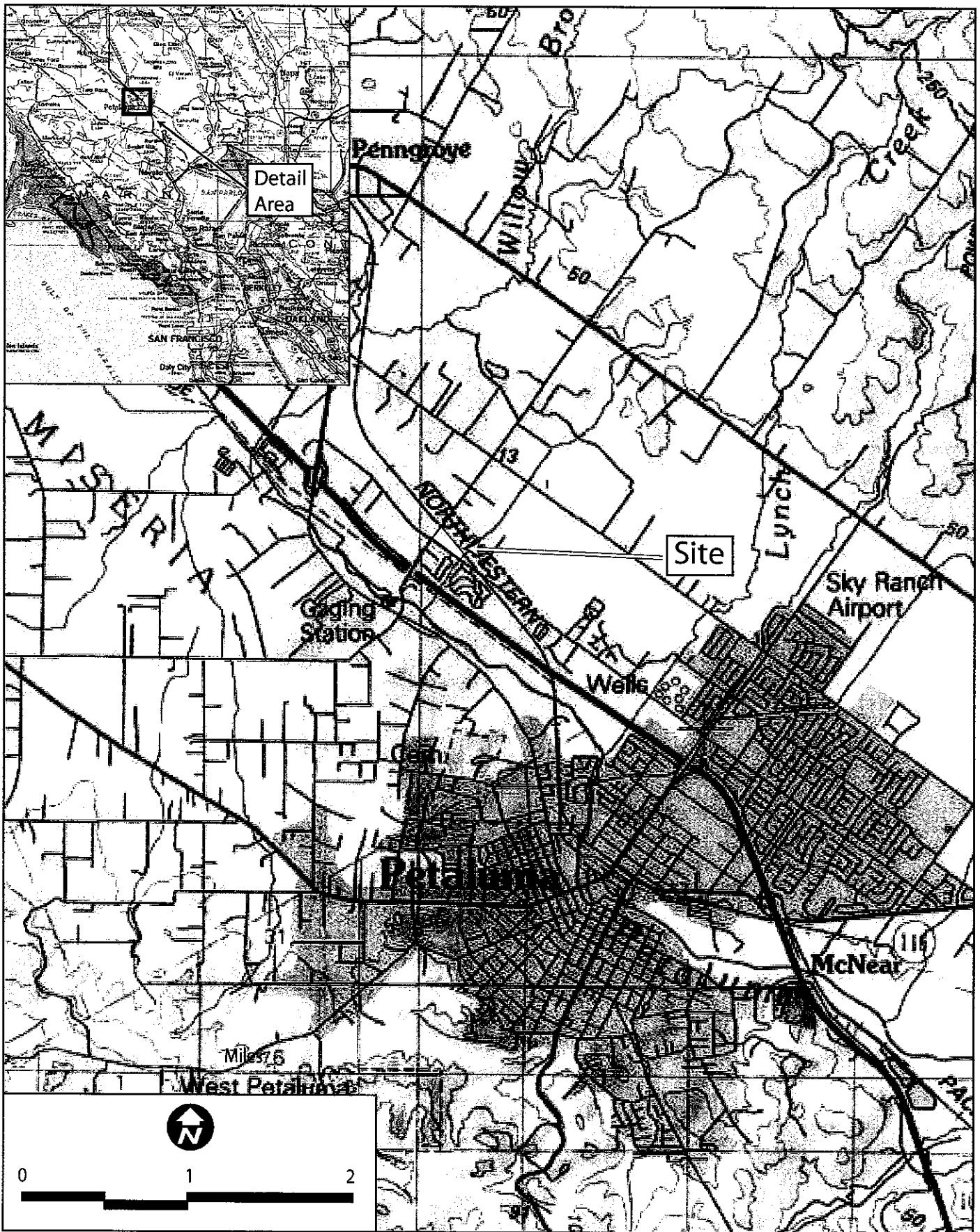
CDM was not able to access several of the buildings located onsite which were locked and inaccessible, including a building housing lumber operations in the southern portion of the property. Due to extensive parking of trucks and storage at the subject property, some of the ground surface could not be viewed. In addition, no one familiar with the subject property accompanied CDM during the site walks or provided information about the subject property.

The purpose of a number of historical buildings observed in the eastern portion of the subject property could not be established and represents a data gap in our understanding of the site history. Details about several past businesses including the type of chemicals stored, used, handled, or disposed, their locations and duration of operations could not be established.

In the AAI Questionnaire the property owner indicated that she has knowledge or is aware of the following items related to the property:

- Environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law,
- Documentation, including Phase I and Phase II ESAs, relevant to the current Phase I ESA,
- Past spills or other chemical releases that have taken place at the subject property, and
- Environmental cleanups that have taken place at the property.

The property owner declined to provide any documentation without a release from Engeo Incorporated. Therefore information on the items above is limited to what was publicly available at the time of the search. The absence of these documents during preparation of this report is considered a data gap and should be investigated further.



Source: Map created with TOPO!®©2001 National Geographic

**Figure 1**

Site Location Map

Petaluma Phase I ESA

890 N. McDowell Road, Petaluma, California

## **Section 2**

# **Subject Property Description**

### **2.1 Location and Legal Description**

The subject property is located at 890 North McDowell Boulevard in Petaluma, California. Other addresses that may be associated with the subject property include 320 Corona Road. The subject property is located to the east of the intersection of North McDowell Boulevard and Corona Road, north of the intersection of the former North Pacific Railroad ROW and North McDowell Boulevard. The subject property is located approximately ¼-mile northeast of the 101 Freeway. The legal description of the subject property includes the parcel recorded in the Sonoma County Assessor's office as APN 137-061-019. The subject property covers an area of approximately 6.56 acres.

### **2.2 Subject Property**

The majority of the subject property is unpaved land used for tanker truck parking, mobile office trailers, equipment storage and lumber operations in the southern portion of property. There are several mobile trailers used as offices and 5 permanent structures located on the subject property. Many of the structures are located in the central portion of the subject property along a northwest alignment parallel to the railroad track. Structures including a corrugated metal warehouse, an office or residential structure currently boarded-up, a building housing an apparent groundwater well, a corrugated metal warehouse structure with an attached shed containing two oil-fueled boilers, a truck scale with four manholes and an adjoining concrete-block building, and a corrugated metal building identified as the "Price Building" in the southeastern portion where lumber operations were observed. Three ASTs within a containment dike and three former pump islands were observed south of the truck scales. Other structures onsite include trailers and covered vehicle parking. Some materials storage is located along the southwestern edge of the property along McDowell Boulevard. Materials include landscaping mulch and soil. Photographs taken during the site reconnaissance are presented in Appendix B. A complete description of property characteristics is provided in Section 4.1.

### **2.3 Subject Property Vicinity Description**

Surrounding developments are of mixed land use and include commercial facilities, residential homes or undeveloped land. The subject property is entirely bounded by roads or railroad Right of Way (ROW). Corona Road bounds the subject property to the north, McDowell Boulevard lies to the west of the subject property and the former Northwestern Pacific Railroad ROW lies to the east of the subject property. Beyond the adjoining roads, commercial/retail properties and a United States Postal Office are present to the northwest and west, across McDowell Blvd. and Corona Road. Residential trailer parks bound the subject property to the east, southwest and south, across McDowell Blvd and the ROW.

The area adjoining the property boundaries are characterized as follows:

**North:** vacant land to the north beyond Corona Road, United States Postal Office (1150 North McDowell Boulevard) and commercial businesses (1125 through 1135 North McDowell Boulevard) to the northwest. Petaluma Fire Station No. 2 is present at the intersection of Corona Road and McDowell Blvd.

**South:** Vacant land (Lots 20 and 21); Residential trailer parks.

**East:** Former Northwestern Pacific Railroad ROW and residential homes and agricultural and undeveloped property.

**West:** Automotive repair shops and residential trailer homes.

### **2.3.1 Ownership**

According to the information obtained from the EDR Environmental Lien Report, the subject property is currently owned by Larry Drew and Robin Drew as community property and Clinton M. Gow and Patricia M. Gow as joint tenants. Larry Drew et al has owned the subject property since 2001. The EDR Environmental Lien Report is presented in Appendix C.

## **2.4 Subject Property and Vicinity History**

### **2.4.1 Summary of Historical Subject Property Use**

Records available indicate that the subject property has been developed since at least 1944, with a small residential structure located in its northern end followed by additional buildings observed from 1953 similar to those currently located onsite which appear to be present in the northern and central portion of the property based on topographic and aerial photographs. A historical review of aerial photographs and topographic maps indicates that at least three structures were located along the eastern property boundary, at least two of those were relatively large commercial buildings (from approximately 1950s through the 1970s and probably the early 1980s). The purpose of these buildings which no longer exist is not known except for one northern structure which was a store house. Since 1998 additional temporary structures, parked vehicles and trailers are apparent at the subject property.

According to information obtained from the EDR Chain of Title Search records the subject property, at 890 North McDowell Boulevard, was sold by Josephine Dorn to Martha Jane Burton in 1944. In 1949 the estate of Martha Jane Burton sold the subject property to Pacific Guano Company. In 1958 and 1959 the property was transferred from Pacific Guano Company to Sonoma Land Title company and then to Richard Van Hoosear et al. In 1966 and 1969 the property was transferred to Westerbeke Enterprises. In 1977 the property was sold to William Adams et al and then Clinton and Patricia Gow by William Adams et al in 1985. In 2001 Larry and Robin Drew gained half interest in the subject property from Clinton and Patricia Gow.

## **2.4.2 Summary of Historical Use of Adjacent Properties**

According to topographical and aerial photographs limited amounts of development adjacent to public roads was present to the north and east of the property as early as 1944. Additional residential and commercial developments were built to the northwest and west between 1973 and 2005. Development immediately to the north is still light, with agricultural uses. Land to the southwest, south and east is primarily residential.

Commercial properties adjacent to subject property are shown in Figure 2. A United States Post Office is located to the northwest of the subject property across Corona Road. Based on aerial photographs the post office was built there between 1982 and 1993. Northwest, across both Corona Road and McDowell Boulevard, an office park, built between 1982 and 1993, contains various computer networking companies (Calix Networks and Xanax Inc, 1035 and 1125 North McDowell Boulevard respectively) and medical product research facilities (Micromed Labs Incorporated and Oculus Innovative Science Incorporated both at 1129 North McDowell Boulevard). The city of Petaluma Fire Station Number 2 is located at the northwest corner of Corona Road and North McDowell Boulevard at 1001 North McDowell Boulevard, immediately west of the subject property. Several automotive repair businesses are located across North McDowell Boulevard to the west and southwest, including The Muffler Works at 967 North McDowell Boulevard and J & D Automotive at 278 Corona Road. Pacific Coast Truss Incorporated is located adjacent to, or on the southern end of the subject property. The EDR City Directory Abstract lists Pacific Coast Truss Inc.'s address as 910 North McDowell Boulevard.

## **2.5 Historical Records Review**

The following sources were used to determine the subject property history: the City of Petaluma Community Development Department and Fire Department, the County of Sonoma Permit and Resource Management Department. Available Historical Aerial Photographs; Historical Topographic Maps; historical valuation maps provided by SMART, and a City Directory Search, which were provided by EDR, were also reviewed. Agency records were reviewed for the address provided by SMART, 890 N. McDowell Boulevard, some additional review was conducted on 320 Corona Road after file review revealed it to be an address associated with the subject property. The results of these historical reviews are presented in the following sections. Copies of the historical documents and maps obtained from EDR are included in Appendix C.

### **2.5.1 City of Petaluma Community Development and Fire Department**

The City of Petaluma maintains historical building permits, sewer records, building code violations, certificates of occupancy information and fire inspection records. November 9, 2009, CDM submitted a file review request to the City of Petaluma. On November 16, 2009 CDM personnel went up to the City of Petaluma and conducted a file review. During this onsite file review the address 320 Corona Road was identified



as associated with the subject property. File reviews conducted subsequent to the City of Petaluma review included the associated address 320 Corona Road. On November 23, 2009 CDM received an electronic file from the City of Petaluma containing all records on file for the subject property and associated addresses. Pertinent records are discussed below:

Royal Petroleum: Records indicate Royal Petroleum was a past occupant of the subject property (listed address 320 Corona Road) and owned by Patricia and Clinton Gow. Royal Petroleum maintained 2 to 3 diesel ASTs onsite with total storage capacity ranging from 14,000 gallons to 18,000 gallons. Spill control measures included dikes and enclosures around the ASTs and a rolled curb berm around the dispensers. In 2005 the dispensing operation was certified closed by the Petaluma Fire Department. The closure inspection form noted that the tanks had been defueled, disconnected, polished and degassed and the dispensers had been removed. Records do not indicate whether subsurface piping connecting the AST enclosure and dispensing island was present and if so, if it was removed during closure of commercial fueling operations. No spills or violations were on record for this facility. No information on subsurface testing was included in the closure documents.

Stringer Sportswear: The City of Petaluma has on record a 1992 complaint and subsequent action relating to Stringer Sportswear, a former occupant of 320 Corona Road. The complaint read that process water from screen printing process was discharging to a storm drain. The record notes that process water was directed to a septic tank and the complaint was closed.

## **2.5.2 County of Sonoma Department of Emergency Services**

The County of Sonoma Department of Emergency Services maintains historical records on hazardous waste generation and storage permits, as well as records of emergency responses to hazardous materials spills. On November 4, 2009, CDM submitted a file review request to the County of Sonoma Department of Emergency Services. On November 10, 2009 CDM conducted a file review at the County of Sonoma Department of Emergency Services. No documents were found pertaining to the subject property.

## **2.5.3 County of Sonoma Permit and Resource Management Department**

The County of Sonoma Permit and Resource Management Department maintains historical building permits, sewer records, building code violations and certificates of occupancy. On November 10, 2009 CDM conducted a file review at the County of Sonoma Permit and Resource Management Department for 890 N. McDowell Boulevard and for the APN. One cancelled geotechnical boring permit dating to 2005 was found during an online permit search. No building permits or building code violations were found pertaining to the subject property for 890 N. McDowell Boulevard or the APN 137-061-019, were found during the onsite review.

## 2.5.4 County of Sonoma Assessor's Office

The County of Sonoma Assessor's Office maintains an online database of official public records dating back to 1964. CDM queried the database in order to research current and past owners. Information provided by the database is consistent with information found in the EDR Chain of Title search. Previous ownership of the subject site is discussed in Section 2.4. Information provided by the database can be found in Appendix D.

## 2.5.5 Environmental Liens

EDR has reported there were no documents involving environmental liens for the subject property (Appendix C). In the AAI Questionnaire, the property owner indicated that there is an existing environmental lien filed against the subject property.

## 2.5.6 Sanborn Maps

EDR has reported that no Sanborn Maps covering the subject property were found.

## 2.5.7 Historical Aerial Photographs

Historical aerial photographs of the subject property and surrounding area for the years 1953, 1965, 1975, 1982, 1993, 1998, and 2005 were obtained from EDR. Copies of these photographs and maps are presented in Appendix C. The following aerial photographs were reviewed for this Phase I ESA:

1953 Aerial Photo: Several commercial buildings are apparent in the northern portion of the subject property. Several large structures are located along the railroad alignment and several small structures are located in the central northern portion of the subject property, running approximately parallel to the railroad alignment. The surrounding area is developed along Corona Road which runs in the northeast direction. Development appears to be primarily farm and residential to the northeast with light commercial located across North McDowell Boulevard to the southwest. Adjoining properties to the south, southeast and northwest are undeveloped. The majority of surrounding land use appears agricultural.

1965 Aerial Photo: This aerial only shows the southeast portion of the subject property. The subject property and surrounding area shown appear to be similar to the 1953 aerial photograph the surrounding area land use continues to appear agricultural.

1975 Aerial Photo: The subject property and surrounding area appear to be similar to the 1965 aerial photograph, with the exception of a large residential development to the southwest of the subject property. The resolution of the aerial photograph is such that structures onsite are difficult to discern.

1982 Aerial Photo: The subject property and surrounding area appear to be similar to the 1974 aerial photograph, with an additional residential trailer park development to

the southwest of the subject property, across North McDowell Boulevard. Structures on the subject property do not appear to have changed.

1993 Aerial Photo: Commercial structures formerly present along the railroad alignment are no longer present. Other structures onsite do not appear to have changed from the 1982 aerial photograph. The surrounding area is highly developed with additional residential developments present to the southeast of the subject property. The United States Postal Office is apparent to the northwest of Corona Road and development has started on the retail and commercial area located to the west of the Corona Road and North McDowell Boulevard intersection. Additional residential development is apparent to the east of the subject property across the ROW.

1998 Aerial Photo: The subject property and surrounding area appear to be developed similar to the 1993 aerial photograph. However, additional residential development is apparent to the northeast of the subject property on non-adjointing land. Further development has taken place in the retail and commercial area to the northeast. Additional structures or temporary structures are apparent on the subject property. Many structures appear to be trailers based on size and shape.

2005 Aerial Photo: The subject property and surrounding area appear to be developed similar to the 1998 aerial photograph. Multiple trailers or parked vehicles are apparent on the subject property.

## 2.5.8 Topographic Maps

Historical topographic maps of the subject property and surrounding area dated 1944, 1954, 1968, 1968, and 1980 were obtained from EDR (Appendix C).

1944, Target Quad: Santa Rosa, 15-minute series: Due to the scale of this map, subject property conditions cannot be described in detail. One apparent residential structure is depicted in the northwestern portion of the subject property. The Northwestern Pacific Railroad Line is shown intersecting with Corona Road and North McDowell Boulevard adjacent to the subject property.

1954, Target Quad: Corona, 7.5-minute series: Four building are depicted on the subject property. The area surrounding the subject property appears more developed on the eastern side of the railroad tracks.

1954, Target Quad: Santa Rosa, 15-minute series: This map shows the same as the previous map but at a greater scale.

1968, Target Quad: Cotati, 7.5-minute series: This map shows the same features as the 1954 topographic map but with one additional building in the north central portion of the subject property and additional development to the southwest of Highway 101 in the surrounding area.

1973, Target Quad: Cotati, 7.5-minute series: This map shows the same features as the 1968 map but roads have been constructed to the northwest of the subject property in a previously undeveloped area with one building located on a spur coming off of the railroad alignment. A residential trailer park development appears to the southeast of the subject property, across North McDowell Boulevard.

1980, Target Quad: Cotati, 7.5-minute series: This map shows the same as the 1973 map with the exception of one additional small structure between the two buildings located in the eastern portion of the subject property and additional residential trailer park development located southeast and additional commercial development to the northwest of the subject property.

### **2.5.9 City Directory Report**

An EDR city directory search for the subject property and immediate surrounding area spanning the years 1972 through 2008 was reviewed. City directories have been published for cities and towns since the 1900s and provide the lists of the names of the residents or business occupying the specified addresses. Appendix D contains a copy of the City Directory Abstract. The subject property address of 890 North McDowell Boulevard was not listed from 1973 to 2008.

The majority of the properties identified in the City Directory Search were listed as residential. Listings for adjacent commercial properties are discussed above in Section 2.4.2. Additional commercial properties identified in the City Directory Search included Landco Environments Inc. at 859 North McDowell Boulevard, Petaluma Valley Cabinets at 870 North McDowell Boulevard and All Saints Towing at 855 North McDowell Boulevard. Listings for Petaluma Valley Cabinets and All Saint Towing dated to 1989 and were residential at those addresses thereafter.

### **2.5.10 Historical Interviews**

The subject property is currently owned by Larry and Robin Drew and Patricia and Colin Gow. SMART supplied CDM with contact information for Larry and Robin Drew. Larry and Robin Drew have been owners of the subject property for 13 years. On January 5, 2010 CDM received a completed AAI Questionnaire from property owner Robin Drew. A copy of the completed questionnaire is included in Appendix E. Information obtained from the property owner regarding past uses of the subject property is discussed in this section and the site reconnaissance section (Section 4), and Appendix E.

### **2.5.11 Previous Phase I Environmental Site Assessment**

Based on available information provided by SMART there have been no previous Phase I Environmental Site Assessments for the subject property. In the AAI Questionnaire one of the property owners, Robin Drew, indicated that there had been at least one Phase I Environmental Site Assessment and a Limited Phase II Environmental Site Assessment had been conducted at the subject property. The

property owner declined to provide documentation of the previous ESAs. No ESAs were found in agency file searches during records review.

### **2.5.12 User Provided Information**

SMART provided CDM with the subject property address, valuation maps detailing the site boundaries, parcel maps, and provided a description of future development plans. This information was reviewed and discussed as needed in this document. The valuation map provided by SMART (date of map not known) indicated a structure identified as a store house located in the northeastern corner of the subject property. The map also shows four smaller structures to the west of the storehouse.

## **Section 3**

# **Site Geology and Hydrogeology**

The EDR and the reference document titled "Evaluation of Water Resources: Sonoma County" (California Department of Water Resources, 1975) were reviewed as part of this ESA, for geology and hydrogeology.

### **3.1 Physiography and Geology**

The subject property is located in the Santa Rosa Valley, which is part of the Coast Ranges geomorphic province. The Santa Rosa Valley is underlain by the Glen Ellen and Merced Formation and bounded by the Sonoma Mountains to the east and the Helen-Sugarloaf Ridge Zone to the west. The shallow surface consists of alluvium and fan deposits.

### **3.2 Regional and Local Topography**

The topography of the subject property is primarily flat, consistent with much of the Santa Rosa Valley. There is no noticeable slope at the subject property. Regionally topography generally slopes to the southwest, towards the Petaluma River, as shown in the topographic maps from the EDR.

### **3.3 Hydrogeology**

According to the California Department of Water Resources (1975), regional groundwater is expected to be encountered approximately 25 feet below ground surface. However, monitoring wells are not present at the subject property, so site specific groundwater depths are not available. Shallow groundwater is expected to flow with the topography (southwest) and towards the Petaluma River. Groundwater flow directions from reports submitted by environmental professionals found in the EDR indicate that the local groundwater flow direction is south, indicating that local groundwater flow direction may vary from expected regional groundwater flow direction. The EDR identifies four groundwater wells from the State Database, located within 1/2 of a mile of the subject property with south and southeastern groundwater flow directions. No groundwater depth was available for the groundwater wells listed in the EDR report.

The nearest large surface water body is the Petaluma River. The Petaluma River lies less than 1/2-mile from the subject property to the southwest. According to EDR topographic maps, a small intermittent stream is located along the southern boundary of the subject. Due to access issues this creek was not observed during the site reconnaissance.



## Section 4

# Site Reconnaissance and Interviews

A visual reconnaissance of the subject property was conducted on November 6, 2009 by Carolyn Moore and Hari Gupta from CDM and subsequently by Ms. Moore on November 14, 2009. No representatives of the owner or from SMART accompanied CDM during the site walk. No access restrictions were encountered. Photographs associated with the site reconnaissance are presented in Appendix B.

### 4.1 Site Reconnaissance Observations

The subject property consists both of undeveloped land (Photographs 1 and 4) and developed land used primarily for truck and trailer vehicle storage. The surface of the property is primarily unpaved with small paved areas. Structures are located in the central portion of the subject property or adjacent to the railroad ROW. An enclosed AST area is located in the central portion of the subject property with an associated former dispensing area (Photographs 5 and 6). A truck scale is located to the east of the AST containment area. Other structures onsite contain small storage tanks and an apparent groundwater well (Photograph 9) and two apparent oil-fired boilers in a shed attached to a corrugated metal building which could not be accessed (Photographs 11 and 12). CDM was unable to gain access to a corrugated metal building but observed that it had large service entrance doors typical of vehicle storage, maintenance and repair shops. Other structures include office trailers that did not appear to serve storage purposes. CDM was also unable to gain access to the office trailers. Construction equipment and materials were observed to be stored in the southwestern portion of the subject property (Photographs 4, 5 and 7). CDM also noted the presence of a vault or storm drain covered with sheet metal located in the northeastern portion of the subject property.

### 4.2 Hazardous Materials

No hazardous materials were observed by CDM during the site reconnaissance. Signage on tanker truck vehicles indicated that they contain or transport only food-grade substances. The ASTs observed during site reconnaissance were labeled as empty. Record review indicates that the ASTs formerly contained diesel fuel and were closed in 2005. There was liquid retained inside the AST containment structure; it is not known if it included any petroleum products or if it was just rainwater. A 5-gallon container of a liquid release (Medcure concrete curing chemical) was observed next to a trailer near a canopied structure in the eastern portion of the property.

### 4.3 Hazardous Wastes

No hazardous wastes were observed by CDM during the site reconnaissance. Six unidentified 55-gallon drums were located inside former weighing station office shed next to the truck scale. Four man-holes were observed on the truck scale. The man-holes could serve as access points to hydraulic lift equipment which may be present below the scales in a subsurface pit.

#### **4.4 Chemicals**

No chemicals were observed by CDM during the site reconnaissance, other than food grade products stored in tanker trucks already referenced above. Specific information about the food grade chemicals was not available. There is no indication that chemicals are stored on the subject property.

The property owner, Robin Drew, indicated knowledge of chemicals present or that were once present at the subject property, in the AAI Questionnaire but declined to provide further information regarding specific chemicals used or stored onsite.

#### **4.5 Non-Hazardous Wastes**

During the site reconnaissance, CDM observed non-hazardous wastes. These items are described below and presented in photographs in Appendix B.

Two locations within the central portion of the subject property contained miscellaneous debris consisting of stored soil, asphaltic materials and landscaping materials. This material may be intended for use and therefore not qualify as 'waste'.

#### **4.6 Herbicide and Pesticide Use**

No herbicides or pesticides were observed by CDM during the site reconnaissance. There is no indication that herbicides or pesticides are currently stored on the subject property.

Herbicides may have likely been used in the area surrounding the former Northwestern Pacific Railroad ROW as part of general maintenance and upkeep of the ROW. Herbicides may have potentially spread from railroad property onto the subject property.

#### **4.7 Asbestos-Containing Materials**

The structure containing the two historical boilers could potentially contain asbestos as an insulating and fire retardant material. Other historical buildings may also contain asbestos-containing materials (ACM), since these buildings appear to have been present since the 1950s. The single residence present in the northern portion which was identified in the 1944 topographic map may also contain ACM.

#### **4.8 PCB-Containing Materials**

No PCB containing materials were observed by CDM during the site reconnaissance. There are no transformers present on the subject property that would contain PCBs. Older electrical equipment which could contain lesser quantities of PCBs, including small fluorescent light ballasts, may be present at the property.

#### **4.9 Lead-Based Materials**

The structures onsite appear to have been present since the 1944 and therefore potentially contain lead-based paint.

#### **4.10 Storage Tanks**

Three inactive ASTs were observed by CDM during the site reconnaissance. As discussed in Section 2.5.1 these tanks were reportedly closed by the Royal Petroleum in 2005. No record was found of removal of associated piping or if closure involved subsurface soil testing. No leak test information or soil test data was found in agency files.

#### **4.11 Wastewater, Septic Tanks, and Storm Water**

No wastewater or septic tanks were observed by CDM during the site reconnaissance. Additionally, no storm water infrastructure was observed currently present on site. The majority of the property is unpaved and permeable. As discussed in Section 2.5.1 former manufacturing operations at the subject property may have dispensed process water to a septic tank that was reported in 1992. The location of this septic tank and the nature of the process water discharged to the septic tank is not known and merit further investigation.

#### **4.12 Potable Water Source**

No potable water connections were observed at the subject property.

#### **4.13 Non-Potable Water Source**

No non-potable water was observed or is provided to the property.

#### **4.14 Wells**

One groundwater well was observed within a structure at the subject property. Two small metal ASTs and an apparent treatment system were also located within the building (Photograph 9). There is no indication as to whether the well produced potable or non-potable water.

#### **4.15 Evidence of Release or Potential Release**

Aside from issues discussed in previous sections no evidence of release or potential release was observed on the subject property during the site reconnaissance.

#### **4.16 Vicinity Reconnaissance**

CDM conducted a visual site reconnaissance of the adjoining properties from the subject property line and public right-of-ways. CDM did not enter any adjoining properties. Adjacent properties are discussed below:

United States Post Office, 1150 North McDowell Boulevard: CDM observed United States Postal Facility located to the northwest of the subject property. No hazardous substances, hazardous waste or petroleum products were readily visible from the subject property line.

The Muffler Works, 976 North McDowell Boulevard: CDM observed an ongoing automotive maintenance. No hazardous substances, hazardous waste or petroleum products were readily visible from the subject property line. Based on property use the presence of chemicals and petroleum products associated with automotive maintenance and repair is likely.

J & D Automotive, 278 Corona Road: J & D Automotive is located to the west across North McDowell Boulevard on Corona Road. Ongoing automotive maintenance and repair was observed at this business. This property is discussed in more detail in Section 5.

City of Petaluma Fire Station Number 2: A City of Petaluma Fire Station is located to the north and west of the subject property across North McDowell Boulevard and Corona Road. This property is discussed in more detail in Section 5. No hazardous substances, hazardous waste or petroleum products were readily visible from the public right of way.

Retail and Commercial Development 1025 to 1039 North McDowell Boulevard: CDM observed a retail and commercial development located to the west of North McDowell Boulevard north of the subject property. Businesses located within the development are discussed in Section 5. No hazardous substances, hazardous wastes or petroleum products were readily visible from the public right of way.

Other adjoining properties consist of housing developments and undeveloped land to the northeast, east and south. Commercial businesses adjacent to the subject property are shown on Figure 2.



**Legend**

Subject Site

Adjacent Commercial Property or Building



Source: Image from ©2009 Google™

**Figure 2**  
 Surrounding Businesses  
 Corona Phase I ESA  
 890 N. McDowell Road, Petaluma, California

# Section 5

## Environmental Records Review

### 5.1 Environmental Databases

CDM utilized the services of an outside regulatory databases search company, EDR, based in Milford, Connecticut, to conduct a search of federal, state, tribal, local, and specialty environmental databases for reported environmental incidents at the subject property, and those properties within the required ASTM search distance. The EDR report in its entirety is provided in Appendix C. A complete list of databases and the ASTM minimum search distances are provided in the EDR report. The database search was conducted using publicly available regulatory records provided by EDR. The regulatory listings are limited and include only those facilities which are known to the regulatory agencies.

It should be noted that some facilities may be listed in the database with unknown addresses (unmapped) or other unknown data fields. Such occurrences (or orphaned facilities) are the result of limitations in the regulatory database itself and are beyond our control. Twenty one orphan sites were identified. None of the 21 sites appear to be located on or adjoining the subject property or to be associated with other properties identified within the EDR.

#### 5.1.1 Subject Property

The subject property, 890 North McDowell Boulevard, does not appear in any the databases searched. Other associated addresses include 320 Corona Road. The address of 320 Corona Road was found in the FINDS and RCRA-NonGen databases. FINDS is the Facility Index System and contains both facility information and 'pointers' to other sources that contain more detail. FINDS databases include permit compliance, aerometric, civil and environmental enforcement, federal facilities and PCB activity databases. The RCRA-NonGen 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 generate hazardous waste. V Dolan Trucking at 320 Corona Road is listed as a RCRA Non-Generating Facility as a transporter of hazardous waste. The type and volumes of hazardous waste handled is not presented. No violations are listed in the EDR report.

#### 5.1.2 Surrounding Properties

Several standard environmental records pertaining to sites within the ASTM search radii relative to the subject property were listed in the EDR report. CDM has reviewed the records provided in the EDR report. Based on this information, CDM believes that no further action is warranted relative to these records.



Provided below is a description of databases having records of sites within ASTM search distances of the subject property. Most of the records do not indicate regulatory infractions or unauthorized releases which in CDM's opinion are capable of adversely affecting the subject property; in CDM's opinion these records are generally not deserving of further discussion beyond what is provided in the EDR Radius Map report in Appendix C. However, CDM has provided further discussion regarding certain records at our discretion based on the apparent potential for releases, infractions, or concerns to affect the subject property.

Surrounding sites are differentiated based on their elevation relative to the subject property as listed in the EDR Radius Map report. Elevations in the EDR report are based upon the USGS Digital Elevation Model and are one indication of relative elevation. Regional groundwater flows generally follow the area topography so relative elevation of surrounding listed sites can indicate whether a surrounding site has the potential to impact the subject property and may therefore constitute a REC to the subject property.

### **RCRA-SQG**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. Sites listed in this database are considered small quantity generators (SQGs) and generate between 100 kg and 1,000 kg of hazardous waste per month. A site listed as a generator of hazardous waste is not an indication of a known release or threat of release and, therefore, is not necessarily identified as a recognized environmental concern.

A review of the RCRA-SQG list provided by EDR identified three RCRA-SQG sites within approximately 0.375 miles of the subject property; one additional RCRA-SQG was identified in another database.

### **Lower Elevation**

PG&E Petaluma Service Center, 210 Corona Road, 0.197 miles, SW. The EDR identifies waste generated and stored on site as oil containing waste. This site is also listed in LUST, and is discussed in more detail below.

Compumotor Corp, 1179 North McDowell Boulevard, 0.220 miles, NW. The EDR does not identify waste generated at this site. No violations for this site have been reported. This site is also listed in the FINDS database.

NAK Engineering, 1324 Rand Street, 0.227 miles, W. The EDR does not identify waste generated at this site. No violations for this site have been reported. This site is also listed in the FINDS database.

Small Precision Tools, 1330 Clegg Street, 0.281, WNW, The EDR lists the wastes generated at this site as inorganic solid wastes, including heavy metals. No violations for this site have been reported. This site is also listed in the CORTESE, FINDS, HAZNET and EMI databases.

## CORTESE

The CORTESE database sites are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substance Control (Cal-Sites). This database is no longer updated.

A review of the CORTESE list provided by EDR identified eleven CORTESE sites within approximately 0.5 miles of the subject property. All eleven properties also appear in the LUST or RCRA-SQG databases and are discussed in those sections.

## LUST

The Leaking Underground Storage Tank (LUST) Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board (SWRCB) Leaking Underground Storage Tank Information System.

A review of the LUST list provided by the EDR identified the following ten LUST sites within approximately 0.5 mile of the subject property; eight of these sites are listed with case closed status:

### Higher Elevation

- Viking Freight Systems, 1230 North McDowell Boulevard, 0.357 miles NW: The EDR report indicates that this LUST site was closed as of August 22, 1996. This site's current status is "Completed- Case Closed." This property is up gradient (based on presumed groundwater flow direction) of the subject property and does not adjoin the subject property. Due to the closed regulatory status, the site does not represent a recognized environmental concern to the subject property but may represent a HREC due to its location and historical release. This site is listed twice as a LUST and is also listed in the Sonoma County LUST and CORTESE databases.
- Bostrom Property, 745 North McDowell Boulevard, 0.399 miles SE: The EDR report indicates that this LUST site was closed as of October 30, 1993. This site's current status is "Completed- Case Closed." This property is down gradient (based on presumed groundwater flow direction) of the subject property and does not adjoin the subject property. Due to the closed regulatory status, the site does not represent a recognized environmental concern to the subject property. This site is listed twice as a LUST and is also listed in the Sonoma County LUST and CORTESE databases.

- Dividend Development Corporation, 1250 North McDowell Boulevard, 0.412 miles NW: The EDR report indicates that this LUST site was closed as of April 3, 1997. This site's current status is "Completed- Case Closed." This property is up gradient (based on presumed groundwater flow direction) of the subject property and does not adjoin the subject property. Due to the closed regulatory status the site does not represent a recognized environmental concern to the subject property but may represent a HREC due to its location and historical release. This site is listed twice as a LUST and is also listed in the Sonoma County LUST and CORTESE databases.
- Viacom Cablevision, 1289 North McDowell Boulevard, 0.477 miles NW: The EDR report indicates that this LUST site was closed as of December 21, 1991. This site's current status is "Completed- Case Closed." This property is up gradient (based on groundwater flow direction) of the subject property and does not adjoin the subject property. Due to the closed regulatory status the site does not represent a REC to the subject property but may represent a HREC due to its location and historical release. This site is listed twice as a LUST and is also listed in the Sonoma County LUST, HIST LUST and CORTESE databases.

#### Lower Elevation

- I & D Automotive, 278 Corona Road, 0.043 miles SW: The EDR report indicates that site assessment began June 10, 1993. This site's current status is "Open - Remediation." This property is cross to up gradient (based on a south or southeast groundwater flow direction) of the subject property and is adjacent to the subject property. Depending on local groundwater flow the site potential represents a REC to the subject property. This site is listed twice as a LUST and is also listed in the Sonoma County LUST, HIST LUST and CORTESE databases.
- PG & E Service Center, 210 Corona Road, 0.197 miles SW: The EDR report indicates that this LUST site was closed as of December 10, 1999. This site's current status is "Completed- Case Closed." This property is cross gradient (based on a south or southeast groundwater flow direction) of the subject property and does not adjoin the subject property. This site is listed twice as a LUST and is also listed in the HAZNET, RCRA-SQG, Sonoma County LUST, HIST LUST, SLIC and CORTESE databases. HAZNET wastes generated include polymeric resin wastes, PCBs and aqueous solutions with organic residues. The RCRA listing is discussed above. The SLIC listing indicates that the case was closed as of April 21, 1999 and concerned a release of waste oil to groundwater. Due to the closed regulatory status and the location the site does not represent a REC to the subject property but may represent a HREC due to its location and historical release.

- Maltby Electric Supply, 1200 Holm Road, 0.322 miles W: The EDR report indicates that this LUST site was closed as of December 6, 1996. This site's current status is "Completed- Case Closed." This property is cross gradient (based on a south or southeast groundwater flow direction) of the subject property and does not adjoin the subject property. Due to the closed regulatory status the site does not represent a REC to the subject property. This site is listed twice as a LUST and is also listed in the Sonoma County LUST, HIST LUST and CORTESE databases.
- Leonard Jay Development, 1334 Ross Street, 0.422 miles WNW: The EDR report indicates that this LUST site was closed as of December 5, 1988. This site's current status is "Completed- Case Closed." This property is up gradient (based on a south or southeast groundwater flow direction) of the subject property and does not adjoin the subject property. This site is listed twice as a LUST and is also listed in the HAZNET, Sonoma County LUST and CORTESE databases. HAZNET wastes generated include metal sludge containing antimony, arsenic, barium, lead, mercury and zinc from photograph processing operations onsite. Due to the closed regulatory status the site does not represent a REC to the subject property but may represent a HREC due to its location and historical release.
- Office Helper Products, 1330 Ross Street, 0.423 miles WNW: This site appears to be adjacent or collocated with the previous site. The EDR report indicates that assessment on this LUST site was opened as of August 23, 1989. This site's current status is "Open- Verification Monitoring." This property is up gradient (based on a south or southeast groundwater flow direction) of the subject property and does not adjoin the subject property. Due to location of the release and the unknown nature of the remedial action this site represents a REC to the subject property. This site is listed twice as a LUST and is also listed in the Sonoma County LUST, HIST LUST and CORTESE databases.
- Boulevard Deli, 3590 North Petaluma Boulevard, 0.492 miles SW: The EDR report indicates that this LUST site was closed as of July 21, 2001. This site's current status is "Completed- Case Closed." This property is down gradient (based on a south or southeast groundwater flow direction) of the subject property and does not adjoin the subject property. Due to the closed regulatory status and location the site does not represent a REC to the subject property. This site is listed twice as a LUST and is also listed in the Sonoma County LUST, HIST LUST and CORTESE databases.

## CA FID UST

The California Facility Inventory Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the SWRCB's Hazardous Storage Container Database.

A review of the UST list provided by the EDR identified one UST site within approximately 0.25 miles of the subject property. The site is discussed in the LUST section.

## **HIST UST**

The HIST UST database contains information regarding historical registered USTs.

A review of the HIST UST list provided by the EDR identified five HIST UST sites within approximately 0.25 miles of the subject property (four unique addresses and one duplicate address). Two of the four sites appears on the LUST database and are discussed in the LUST section. The remaining sites are discussed below:

### **Lower Elevation**

- William Brody (Farm), 360 Corona Road, 0.030 miles NNE, The EDR indicates that there are two historical tanks at this site, meant to contain fuel. No information on capacity or installation date is available. No violations are listed for this site. However due to location of the UST and the unknown nature of the current status of the USTs this site represents a REC to the subject property.

City of Petaluma Fire Station Number 2, 1001 North McDowell Boulevard, 0.003 miles NW, The EDR indicates that there is one historical tank at this site, installed in 1980 and meant to contain fuel. No information on capacity or tank construction is available. No violations are listed for this site. However due to location of the UST and the unknown nature of the current status of the USTs this site represents a REC to the subject property.

## **SWEEPS UST (Statewide Environmental Evaluation and Planning System)**

SWEEPS UST is the Statewide Environmental Evaluation and Planning System; the system was maintained by a company contacted by the SWRCB in the 1980s. The listing tracked UST locations but is not longer updated or maintained.

A review of the SWEEPS UST list provided by the EDR identified two SWEEPS UST sites within approximately 0.25 miles of the subject property. All these sites appear on the LUST database, and are discussed in the LUST section.

## **CORRACTS**

This database is a list of RCRA Transporter, Storage or Disposal Facilities with RCRA Corrective Action Activity.

A review of the CORRACTS list provided by the EDR identified one addresses within approximately mile of the subject property.

### Lower Elevation

- 3M – Optical Science Group, 1331 Commerce Boulevard, 0.773 miles SE: The EDR report indicates this facility is also listed as a large quantity generator. Waste types generated or stored by this facility include ignitable and corrosive hazardous wastes, heavy metals, and halogenated and non-halogenated solvents. The last biennial reporting year is listed as 2007. This site is located down gradient and is not an adjoining property. This site is also listed in ENVIROSTOR due to the corrective action; ENVIROSTOR shows the corrective action was certified as closed on December 11, 1989. The site is also listed in the HIST UST database with a 450 gallon waste tank installed in 1982. The current status of the historical tank is unknown. Due to location this site potential does not represent a potential REC to the subject property.

## 5.2 Local Regulatory Agency Findings

The address of 890 North McDowell Boulevard was provided to each of the agencies mentioned in the following sections. The full submitted address is listed below.

### Subject Property

890 North McDowell Boulevard  
Petaluma, CA 94931  
APN 137-061-019

Records were also requested for the 320 Corona Road address following the record review at the City of Petaluma. All mail correspondence and public agency record copies are located in Appendix D.

### 5.2.1 San Francisco Bay Regional Water Quality Control Board (SFBRWQCB)

The SFBRWQCB is a regional office for the SWRCB. The San Francisco Bay Division handles water quality cases affecting the San Francisco Bay groundwater basins. CDM submitted a file review request to SFBRWQCB on November 9, 2009. No records were found for the subject property. An online query to the GEOTRACKER database was performed on November 9, 2009. No records were found for the subject property. Other nearby sites are discussed in Section 5.1.

### 5.2.2 Department of Toxic Substance Control (DTSC)

The DTSC is the hazardous waste control division of the California Environmental Protection Agency (EPA). CDM submitted a file review request to the DTSC offices in Berkeley on November 9, 2009. The DTSC indicated in a telephone response that no files were found for the subject property. An online query to the ENVIRSTOR database was performed on November 20, 2009. No records were found for the subject property.



### **5.2.3 County of Sonoma Environmental Health Division**

CDM submitted a file review request on November 9, 2009. No records were found for the subject property.

# Section 6

## Conclusions and Recommendations

### 6.1 Conclusions

At the request of the SMART, CDM conducted a Phase I Environmental Site Assessment (ESA) of the property located at the address 890 North McDowell Boulevard, Petaluma, California, hereafter referred to as the subject property. The subject property is identified with APN 137-061-019. One additional address has been historically associated with the subject property (320 Corona Road). The work was performed in conformance with the scope and limitations of the ASTM Practice E 1527-05 which the EPA has indicated is consistent and compliant with the EPA's final AAI rule (40 CFR Part 312) for the purpose of identifying recognized environmental conditions at the subject property; the Scope of Work outlined below; and local, state and federal requirements for the Phase I ESA. A recognized environmental condition (REC) is defined in the ASTM Standard Practice E 1527-05 as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or a potential threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The objective of this Phase I ESA is to identify the presence or likely presence of hazardous substances and petroleum products from onsite or offsite sources that, by their location or proximity to the subject property, could represent RECs, historical recognized environmental conditions (HRECs), and areas of environmental concern at the subject property to the extent that information used to make such assessments is reasonably ascertainable.

The results of this Phase I ESA were based upon information obtained by CDM through a review of pertinent historical documents, interviews, review of regulatory records, and observations specific to environmental conditions at the subject property made by CDM during site reconnaissance conducted on November 6 and 14, 2009.

The following sources were used to determine the subject property history: available Historical Aerial Photographs; Historical Topographic Maps; Environmental Lien Report, historical valuation maps provided by SMART, and a City Directory Search, which were provided by EDR, were also reviewed. Sanborn Fire Insurance Maps were requested but were not available. The regulatory history was reviewed through a review of records and files at local and state agencies, including the City of Petaluma Community Development and Fire Departments, the County of Sonoma Department of Emergency Services, the County of Sonoma Permit and Resource Management Department, the North Coast Regional Water Quality Control Board and the Department of Toxic Substances Control. Regulatory database records were also provided by EDR.

The subject property is currently owned by Larry Drew and Robin Drew as community property and Clinton M. Gow and Patricia M. Gow as joint tenants, according to the Chain of Title Search within the EDR, and covers an area of approximately 6.56 acres. Review of historical aerial photographs indicate that most structures currently onsite have been present at least since 1953 or earlier (the currently boarded home/office located in the northern portion is present in topographic maps since at least 1944).

During the site reconnaissance, tanker truck parking and mobile trailers used as offices were observed onsite, primarily in the eastern half of the subject property. The tanker trucks are operated by Ruan Trucking and Matheson Trucking. Notations on the tanker trucks indicates the products transported are food grade. Larry Drew Backhoe occupies a mobile trailer office identified as 320 Corona Road. Structures including a corrugated metal warehouse, an office or residential structure, a building housing an apparent groundwater well, a corrugated metal warehouse structure with an attached shed containing two oil-fueled boilers, a truck scale with four manholes and an adjoining concrete-block building, and a corrugated metal building identified as the "Price Building" in the southern portion. Lumber operations were observed taking place outside in a yard associated with the "Price Building". Three inactive ASTs were also observed onsite within a containment area with three dispenser island concrete footings located nearby. Records indicate that the ASTs were operated by Royal Petroleum and were reportedly emptied and the dispensers removed in 2005 when fueling facility was closed. No record exists of removal of subsurface piping or dispensing connections that were likely associated with the fueling facility. Standing liquid which appeared to be primarily rainwater was also observed within the AST containment area. Two of the ASTs are listed with a capacity of 4,000 gallons and 10,000 gallons and were used to store diesel (total capacity of ASTs maybe up to 18,000 gallons). Indications of waste storage include six unidentified 55-gallon drums which were observed inside the truck scale concrete block building. A vault or storm drain covered with a metal sheet was observed in the northeastern portion of the subject property.

Historical resources reviewed show that past occupants of the property include Royal Petroleum (referenced above), which operated a commercial card lock fueling facility, and Stringer Sportswear, which manufactured unspecified items at the subject property. Records from the City of Petaluma dated September 1992 show Stringer Sportswear as having a release of process water to the storm drain. Corrective action recommended included direction of process water to an existing septic tank if no chemicals were present. The nature of the process water that was released, the location of the release and the location of the septic tank mentioned is unknown. Historical occupants also included the Pacific Guana Company in 1958 and 1959. A historical review of aerial photographs and topographic maps indicates that at least three structures were located along the eastern property boundary, at least two of those were relatively large commercial buildings (from approximately 1950s through the 1970s and probably the early 1980s). The valuation map provided by SMART (date of map not known) indicated that one of those former structures was likely a

store house. The map also shows four smaller structures to the west of the storehouse. The purpose of the remaining former buildings is not known.

Environmental record review indicates that an unnamed current occupant of the subject property, most likely V Dolan Trucking, is operating a trucking business which handles hazardous waste. V Dolan Trucking, located at 320 Corona Road, Petaluma, California, is listed as a RCRA hazardous waste Non-Generator. The type and volume of hazardous waste handled by this business is unknown. No violations are on record for this facility per the regulatory database records reviewed through the information provided by EDR.

Adjacent properties include the former Northwestern Pacific Railroad right-of-way (ROW) and a farm to the east, residential properties to the east and south and southwest, commercial and retail properties to the west and northwest. Nearby commercial properties include a United States Postal Facility north of the subject property that has been present since 1993. A commercial and retail development located to the west of the subject property includes numerous research and technology business at addresses 1125 through 1139 North McDowell Boulevard. Two automotive repair businesses are located to the west- of the subject property.

Environmental database review indicates that one of the adjacent automotive businesses, J&D Automotive, located at 278 Corona Road, is undergoing remediation for a leaking underground storage tank (LUST). No active gas stations were identified within the vicinity of the subject property but numerous properties with USTs associated with commercial activities were identified located within the general vicinity of the subject property, although not directly adjacent.

Ten LUST sites were identified within 0.5 miles of the subject property. Of the Ten two of the LUST sites are open and identified as cross or up gradient of the subject property. Of the eight close LUST sites, four were identified as being cross or up gradient to the subject property with distances ranging from 0.357 miles to 0.422 miles from the subject property in the west-northwest to northwest direction. Five historical UST sites were identified within 0.25 miles of the subject property, two of the five historical USTs sites are located on adjacent properties in a cross-gradient or up gradient direction at distance ranging from 0.003 to 0.030 miles. No records of tank removal was found for the two adjacent historical USTs sites. Based on the distance from each location and the location with respect to groundwater flow direction the two open LUST sites and two historical UST sites are considered RECs.

Several other environmental database records were found pertaining to the adjacent properties within the ASTM search distances. However, none of these records, aside from those already mentioned, suggest releases or infractions that in CDM's opinion are likely to adversely affect the subject property, and none of the records warrant further investigation.

A total of four HRECs were identified through environmental database review. Four LUST sites, Viking Freight, Dividend Development, Viacom Cable and Leonard Jay Development, were identified as potential HRECs due to their location up gradient of the subject property. Each site has obtained site closure status from the regulating agency.

CDM has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527 for 890 North McDowell Boulevard in Petaluma, California (APN 137-061-019). Exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except for the following:

- Based on the age of the existing buildings located onsite (present since at least 1944) there is a potential for lead-based paint and asbestos containing materials to be present in the buildings and the soils surrounding the structures.
- A corrugated metal warehouse with an attached boiler shed contained two oil-fired boilers. There is no information available on the storage and handling practices of fuel oil that was likely used in the boilers. If underground storage tanks were used it is possible that the tanks may remain in-place at the subject property.
- There is a potential for the historical use of pesticides, and herbicides for maintenance activities such as vector control and weed control at the adjacent railroad tracks and due to the proximity may have resulted in the release of these chemicals to the soil at the subject property.
- Subsurface piping associated with former commercial fueling operations associated with Royal Petroleum may still be present near the three inactive ASTs, two of which were used to store diesel fuel present at the subject property. Closure documents from 2005 indicate that dispensers were removed and tanks were cleaned and degassed, but contain no record of subsurface piping removal or of soil or groundwater sampling.
- Former manufacturing operations at Stringer Sportswear at the subject property present a potential for release of process water to the subsurface through release to the storm drain. The process wastewater was reportedly to be re-routed to an existing septic tank. The nature of the process water that was released, the location of the release and the location of the septic tank mentioned is unknown. The unknown manufacturing operations, with unknown associated chemicals and known releases is a REC.
- Former manufacturing operations at Pacific Guano Company at the subject property present a potential for release of fertilizer or fertilizer ingredients to the surface soil and the subsurface including soil and groundwater. The location of the fertilizer company and the former presence of a fertilizer handler and

processor is considered a REC to the subject property and merits further investigation.

- The presence of a RCRA hazardous waste transporter (V Dolan Trucking) onsite with few details known pertaining to their waste handling practices presents a potential for hazardous waste release to the subject property soil and groundwater.
- The existing truck scale with four manholes may contain a hydraulic lift mechanism. The condition of the mechanism, which may contain a subsurface hydraulic oil reservoir, is not known and represents potential threat to the subsurface. Additionally, six 55-gallon drums stored in the adjoining concrete-block building represents an environmental concern.
- The presence of an apparent well, identified during site reconnaissance, poses a REC to the subject property. The well may serve as a vertical conduit for surface spills or contaminants to reach groundwater. The well also may have been used for waste disposal or may have been impacted by a spill in the building where it is located.
- The vault or stormwater inlet identified during site reconnaissance also represents a REC to the subject property. The semi-covered opening also presents a potential vertical conduit for surface spills to reach subsurface soil or groundwater and merits further soil and groundwater investigation.
- The potential existence of an environmental lien, as reported by Ms. Robin Drew in the AAI Questionnaire responses is considered a REC. A review of EDR's search of environmental liens or any AULs associated with the subject property did not indicate any environmental lines or AULs. This is considered both a data gap and a REC.
- The reported onsite spills or chemical releases as indicated by Ms. Robin Drew in the AAI Questionnaire responses is considered a REC. EDR and agency review did not reveal the subject site to be the site of a current or former cleanup action or spill response. This unknown spill or chemical release is considered both a data gap and a REC.
- A total of four offsite RECs were identified through environmental database review. Two LUST sites (J & D Automotive and Office Helper) within 0.5 miles of the subject property were identified to be up or cross gradient of the subject property with remediation or remediation verification ongoing. Two other historical UST located at properties near or immediately adjacent to the subject property (City of Petaluma Fire Station Number 2 and William Brody at 360 Corona Road) were identified as RECs due to proximity (0.003 miles and 0.03 miles respectively), up gradient locations and lack of current information regarding site USTs.



- Lumber operations conducted at the southern portion of the subject property associated with the "Price Building" may involve use of wood preservatives and/or spray painting operations which may represent a data gap and a potential REC.

## 6.2 Recommendations

- Based on the results of this ESA, if SMART wishes to proceed with this acquisition, CDM recommends further investigation consisting of limited soil and groundwater sampling and analysis to evaluate if the subsurface has been impacted from past operations. In order to conduct such an investigation, a work plan should be developed detailing the field procedures and scope of work. A lead-based paint survey and asbestos-containing material survey of building material should be conducted on onsite historical buildings. Surface soil samples from locations adjacent to current and former buildings should also be collected and analyzed for the presence of lead.
- CDM also recommends that additional information be collected regarding the previous occupants/tenants and previous environmental investigations. CDM also recommends conducting further file review to confirm the presence or absence of an environmental lien associated with the subject property, as indicated in the property owner's AAI Questionnaire responses. This may involve conducting additional records searches, interviews and/or site visits to access those structures that could not be accessed earlier and to obtain additional information on the past and current operations.

**September 2010 Kleinfelder Phase II ESA**



September 8, 2010  
File Number: 112071

Mr. Robert Krantz  
SMART Real Estate Property Manager  
Sonoma Marin Area Rail Transit District  
750 Lindero Street, Suite 200  
San Rafael, CA 94901

Electronic mail: rkrantz@sonomamarintrain.org

**Subject: Phase II Environmental Investigation  
890 North McDowell Boulevard  
Petaluma, California**

Dear Mr. Krantz:

Kleinfelder is pleased to submit this report of findings from the Phase II Environmental Investigation that was conducted on July 30, 2010, in accordance with our revised proposal, dated May 4, 2010.

Kleinfelder performed this Phase II Environmental Investigation for the purposes of assisting SMART with acquisition of this property.

### **BACKGROUND AND PROJECT UNDERSTANDING**

Kleinfelder prepared the scope of work based on our review of the Phase I ESA prepared by CDM "Phase I Environmental Site Assessment, 890 North McDowell Boulevard, Petaluma, California" dated February 9, 2010.

The scope of work relied on the conclusions provided in the Phase I report, and focused on investigation of Recognized Environmental Conditions identified by CDM as summarized below.

- Based on the age of the existing buildings located onsite (present since at least 1944) there is a potential for lead-based paint and asbestos containing materials to be present in the buildings and the soils surrounding the structures. Kleinfelder submitted an asbestos and lead building materials survey to SMART under separate cover.
- A corrugated metal warehouse with an attached boiler shed contained two oil-fired boilers. There is no information available on the storage and handling practices of fuel oil that was likely used in the boilers. If underground storage

tanks were used it is possible that the tanks may remain in-place at the subject property.

- There is a potential for the historical use of pesticides and herbicides for maintenance activities such as vector control and weed control at the adjacent railroad tracks. Due to the proximity of the site, spraying may have resulted in the drift of these chemicals to soil at the subject property.
- Subsurface piping associated with former commercial fueling operations associated with Royal Petroleum may still be present near the three inactive ASTs, two of which were used to store diesel fuel present at the subject property. Closure documents from 2005 indicate that dispensers were removed and tanks were cleaned and degassed, but contain no record of subsurface piping removal or of soil or groundwater sampling.
- Former manufacturing operations at Stringer Sportswear at the subject property present a potential for release of process water to the subsurface through release to the storm drain. The process wastewater was reported to be re-routed to an existing septic tank. The nature of the process water that was released, the location of the release and the location of the septic tank mentioned is unknown. The unknown manufacturing operations, with unknown associated chemicals and known releases, are therefore considered a REC.
- Former manufacturing operations at Pacific Guano Company at the subject property present a potential for release of fertilizer or fertilizer ingredients to the surface soil and the subsurface including soil and groundwater. The location of the fertilizer company and the former presence of a fertilizer handler and processor is considered a REC to the subject property and merits further investigation.
- The presence of an onsite RCRA hazardous waste transporter (V Dolan Trucking) with few details known pertaining to their waste handling practices presents uncertainty regarding the potential for hazardous waste release to soil and groundwater.
- The existing truck scale with four manholes may contain a hydraulic lift mechanism. The condition of the mechanism, which may contain a subsurface hydraulic oil reservoir, is not known and represents potential threat to the subsurface. Additionally, six 55-gallon drums stored in the adjoining concrete block building represents an environmental concern.
- The presence of an apparent well, identified during site reconnaissance, poses a REC to the subject property. The well may serve as a vertical conduit for surface spills or contaminants to reach groundwater. The well also may have been used for waste disposal or may have been impacted by a spill in the building where it is located. Kleinfelder observed this well and believes it is a sealed domestic

well with unknown history of operation. The well did not appear to be in current use.

- The vault or storm water inlet identified during site reconnaissance also represents a REC to the subject property. The semi-covered opening also presents a potential vertical conduit for surface spills to reach subsurface soil or groundwater and merits further soil and groundwater investigation.
- The potential existence of an environmental lien, as reported by Ms. Robin Drew in the AAI Questionnaire responses is considered a REC. A review of EDR's search of environmental liens or any Activity Use Limitations (AULs) associated with the subject property did not indicate any environmental liens or AULs. This is considered both a data gap and a REC. Kleinfelder ordered an additional Environmental Lien Search from EDR, which revealed no environmental liens or AULs.
- The reported onsite spills or chemical releases as indicated by Ms. Robin Drew in the AAI Questionnaire responses is considered a REC. EDR and agency review did not reveal the subject site to be the site of a current or former cleanup action or spill response. This unknown spill or chemical release is considered both a data gap and a REC. Kleinfelder recommends that SMART discuss this with Ms. Drew.
- A total of four offsite RECs were identified through environmental database review. Two LUST sites (J & D Automotive and Office Helper) within 0.5 miles of the subject property were identified to be up gradient or cross gradient from the subject property with ongoing remediation or remediation verification. Two other historical USTs located at properties near or immediately adjacent to the subject property (City of Petaluma Fire Station Number 2 and William Brody at 360 Corona Road) were identified as RECs due to their proximity (0.003 miles and 0.03 miles respectively), up gradient locations, and the absence of information regarding site USTs.
- Lumber operations conducted at the southern portion of the subject property associated with the "Price Building" may involve use of wood preservatives and/or spray painting operations which may represent a data gap and a potential REC.

CDM recommended the following:

- "Further investigation consisting of limited soil and groundwater sampling and analysis to evaluate if the subsurface has been impacted from past operations. In order to conduct such an investigation, a work plan should be developed detailing the field procedures and scope of work. A lead-based paint survey and asbestos-containing material survey of building material should be conducted of onsite historical buildings. Surface soil samples from locations adjacent to current

and former buildings should also be collected and analyzed for the presence of lead.”

- CDM also recommended that “additional information be collected regarding the previous occupants/tenants and previous environmental investigations. CDM also recommends conducting further file review to confirm the presence or absence of an environmental lien associated with the subject property, as indicated in the property owner’s AAI Questionnaire responses. This may involve conducting additional records searches, interviews and/or site visits to access those structures that could not be accessed earlier and to obtain additional information on the past and current operations.”

Kleinfelder’s approximate placement of boreholes was based on the assumption that groundwater flows generally to the southwest, following topography toward the Petaluma River and that approximate depth to water in the area, as stated within the Phase I ESA, is 25 feet below ground surface.

## **SUBSURFACE SOIL INVESTIGATION**

Kleinfelder’s assessment included pre-field activities, fieldwork, and laboratory analysis. Each of these elements is discussed in the following sections.

### **Pre-field Activities:**

Kleinfelder obtained a drilling permit from Sonoma County Environmental Health Division (SCEHD). A copy of the permit is included in Attachment A. Kleinfelder marked the proposed location of soil borings and contacted Underground Services Alert (USA) prior to the investigation to inform utility companies of our intent to drill. Kleinfelder received responses from notified utilities including Sonoma County Water Agency, City of Petaluma Water Department, Utilquest, and PG&E. Kleinfelder met with PG&E and Utilquest at the project site to verify locations of subsurface utilities prior to drilling.

### **Fieldwork:**

Ten boreholes were advanced on July 30, 2010 (Plate 2). Vannucci Technologies, a C-57 licensed driller based in Woodland, California, advanced the soil borings using direct-push soil sampling technology which consists of a track-mounted drill rig that is used to collect soil within an approximately 2-inch-diameter clear plastic sleeve. Five borings were advanced to 5 feet below ground surface, and five borings were advanced to 25 feet below ground surface (bgs).

Samples were collected within each borehole at approximately 5 foot intervals. Soil samples were collected by cutting a 6-inch length of sleeve and capping each end with Teflon and a plastic cap. Soil samples were labeled with a unique identification number, and placed in an iced cooler for subsequent delivery to the analytical laboratory. A Kleinfelder California Professional Geologist logged the soil borings.

After drilling each borehole, Vannucci Technologies personnel decontaminated boring equipment with a steam sprayer and liquinox soap. Each borehole was backfilled with cement grout to the surface, in accordance with SCEHD protocols.

Groundwater was encountered in each of the borings advanced to 25 feet. Five grab groundwater samples, one from each boring, were collected by inserting a slotted PVC casing into the borehole after drilling had been completed. Groundwater was collected by attaching a metal check-valve mechanism to the bottom of a length of tubing and drawing water through the tubing. Groundwater was collected into laboratory-provided pre-preserved glass and plastic containers.

Investigation derived waste (excess soil) was collected within one 55-gallon drum, which was labeled and placed on the south side of the metal building that is adjacent to the boiler shed pending analytical results. This soil was classified as non-hazardous waste, based on the analytical data provided by the laboratory. This drum of soil is pending removal by our waste hauling subcontractor.

#### **Laboratory Analysis:**

Thirty-six soil samples and five groundwater samples were transported under chain-of-custody documentation to SunStar Laboratories, Inc. (SunStar), in Lake Forest, California. SunStar is accredited by the State of California to perform the requested analyses. The samples were analyzed following our proposed analysis suites as follows:

Sample from Borings 1, 7, and 10, collected along the railroad right of way, categorized as sample group "A" were analyzed for the following constituents:

- Total Petroleum Hydrocarbons as gasoline range organics (TPH-gro), Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), Methyl tert-butyl ether (MTBE), and Volatile Organic Compounds by EPA Method 8260;
- TPH as diesel range organics (TPH-dro), TPH as motor oil range organics (TPH-moro) by EPA Method 8015B with silica gel cleanup performed by the laboratory;
- Leaking Underground Fuel Tank (LUFT) 5 metals described as cadmium, chromium, lead, nickel, and zinc by EPA Method 6010 with filtering performed by the laboratory for water sample analysis;
- Creosote by EPA Method 8270; and
- Herbicides by EPA Method 8151.

Samples from Borings 2, 3, 4, 5, 6, and 9 collected in the vicinity of the boiler shed, former fuel dispensers, ASTs, and boundary of the site along McDowell Road, which



includes the on-site groundwater well, categorized as sample group "B" were analyzed for the following constituents:

- TPH-gro, MTBE, BTEX, VOCs by EPA Method 8260;
- TPH-dro, TPH-moro by EPA Method 8015B with silica gel cleanup performed by the laboratory; and
- LUFT 5 Metals by EPA Method 6010 with filtering performed by the laboratory for water sample analysis.

Samples from Boring 8 collected in the vicinity of the Price Building, categorized as sample group "C," were analyzed for the following constituents:

- TPH-gro, MTBE, BTEX, VOCs by EPA Method 8260;
- TPH-dro, TPH-moro by EPA Method 8015B with silica gel cleanup performed by the laboratory;
- CAM 17 Metals (Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc) by EPA Method 6010 with filtering performed by the laboratory for water sample analysis; and
- Phenols, including pentachlorophenol by EPA Method 8270.

## FINDINGS

### Soil Conditions:

Soil conditions in each borehole were typically asphalt or gravel with several feet of underlying fill material composed of poorly graded fine grained sands and silts with coarse grained sand and fine to medium gravels. Clays of varying plasticity typically were found beneath the fill material, with interbedded silty clay and sandy clay intervals. Minor carbon decay and iron oxide (rust) staining were observed in several boreholes. Petroleum hydrocarbon odors or staining were not observed, except within Boring 4, located east of the existing above-ground petroleum storage tanks. Soil within boring 4 had a strong petroleum odor in the soil from approximately 5 feet to 20 feet below ground surface and within the groundwater.

Flowing groundwater was not encountered at a specific depth within the boreholes, so each boring was kept open to assess whether groundwater would accumulate. Groundwater collected within each of the five deep boreholes after allowing the borehole to remain open at least 5 minutes up to several hours. Grab groundwater samples were collected from each of the deep boreholes. Boring logs are located in Appendix A.

## Soil Analytical Results:

Soil analytical results are presented in Table 1. Copies of analytical laboratory reports and chain-of-custody forms are included in Appendix C. Soil data was compared to the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) for commercial/industrial shallow soils where groundwater is a potential source for drinking water, published May 2008.

Concentrations generally did not exceed the ESLs, except as noted in **bold** lettering below.

Soil analytical results with comparisons to their respective ESLs are summarized as follows:

TPH-gro was detected as follows at levels **above** the ESL of 83 mg/kg:

- Boring 3:
  - 10 feet bgs: **1,100** mg/kg
- Boring 4
  - 3 feet bgs: **640** mg/kg
  - 4.5 feet bgs: **670** mg/kg
  - 9.5 feet bgs: **8,700** mg/kg
  - 14.5 feet bgs: **3,000** mg/kg
  - 19.5 feet bgs: **1,400** mg/kg
- Boring 6
  - 4.5 feet bgs: **770** mg/kg

TPH-dro was detected within the following boreholes at levels below the ESL of 83 mg/kg, except as noted in **bold** lettering:

- Boring 1
  - 1 foot bgs: 21 mg/kg
- Boring 2
  - 5 feet bgs: 12 mg/kg
  - 15 feet bgs: 12 mg/kg
  - 24.5 feet bgs: 12 mg/kg
- Boring 3
  - 2 feet bgs: 27 mg/kg
- Boring 4
  - 3 feet bgs: **97** mg/kg (above the ESL)
  - 4.5 feet bgs: 24 mg/kg
  - 19.5 feet bgs: 10 mg/kg
- Boring 7
  - 2 feet bgs: 47 mg/kg
- Boring 8
  - 2.5 feet bgs: 17 mg/kg

Arsenic was detected within Boring 8 at 10 feet bgs at a concentration of 8.2 mg/kg, which is **above** the ESL of 1.6 mg/kg.

Soil data reported below the ESL or below the laboratory reporting limits are as follows:

- Chlorinated herbicides were not detected above laboratory reporting limits within the soil samples analyzed for this constituent.
- Creosote and phenols were not detected above laboratory reporting limits within the soil samples analyzed for these constituents.
- Volatile organic compounds were not detected above laboratory reporting limits within the soil samples, except within Boring 4 which were reported below their respective ESLs in each sample where VOCs were reported.
- Metals were detected within each borehole at levels below their respective ESLs, except for Arsenic in Boring 8 at 10 feet bgs, as reported above the ESL and cadmium, which was not detected above laboratory reporting limits in the samples analyzed.
- TPH-moro was detected within several boreholes, but at levels below the ESL of 2,500 mg/kg.

#### Groundwater Analytical Results:

Groundwater analytical results are presented in Table 2. Copies of analytical laboratory reports and chain-of-custody forms are included in Appendix C. Groundwater analytical results are summarized as follows:

TPH-gro was detected **above** the ESL of 83 ug/L in 4-W (8,000 ug/L) and below the ESL in 2-W (51 ug/L). TPH-gro was not detected above laboratory reporting limits in the other samples analyzed.

TPH-dro was detected below the ESL of 83 ug/L in 2-W (0.5 ug/L). TPH-dro was not detected above laboratory reporting limits in the other samples analyzed.

VOCs were detected below their respective ESLs in 2-W, 4-W, 5-W, 8-W, with the exception of the following:

- Boring 4, sample 4-W:
  - Naphthalene was detected at 18 ug/L, which is **above** the ESL of 17 ug/L.
  - Ethylbenzene was detected at 100 ug/L, which is **above** the ESL of 30 ug/L.
  - Total Xylenes (m,p-xylene and o-xylene) were reported at 74 ug/L and 2.3 ug/L, which when added together for a total xylene concentration of 76.3 ug/L, are **above** ESL of 20 ug/L.

- No VOC compounds were reported above laboratory reporting limits in the sample from Boring 3, sample 3-W.

TPH-moro, Cadmium, Chromium, Lead, Zinc, and Phenols were not detected above reporting limits within the groundwater samples analyzed for these constituents.

### Metals Analysis Summary

- Sample 2-W: LUFT 5 metals (Cadmium, Chromium, Lead, Nickel, Zinc) were not reported above laboratory reporting limits.
- Sample 3-W: LUFT 5 metals (Cadmium, Chromium, Lead, Nickel, Zinc) were not reported above laboratory reporting limits.
- Sample 4-W: Nickel was reported at 140 ug/L, which is lower than the ESL of 150 ug/L. Cadmium, Chromium, Lead, and Zinc were not reported above laboratory reporting limits.
- Sample 5-W: Nickel was reported at 58 ug/L, which is lower than the ESL of 150 ug/L. Cadmium, Chromium, Lead, and Zinc were not reported above laboratory reporting limits.
- Sample 8-W: Nickel was reported at 170 ug/L, which is **above** the ESL of 150 ug/L. Barium was reported at 530 ug/L, which is lower than the ESL of 1000 ug/L. Cobalt was reported at 50 ug/L, which is above the ESL of 3 ug/L. Other metals analyzed within the CAM 17 metals suite were not reported above their respective laboratory reporting limits.

### DISCUSSION AND CONCLUSIONS

Soil and groundwater analysis of samples collected from the ten borings indicate the presence of TPH-gro within the soil above the Regional Board ESL in the vicinity of Borings 3, 4 and 6. In addition, groundwater appears to have been affected by TPH-gro at Boring 4, which is in the presumed downgradient direction from the aboveground fuel storage tanks and former fuel dispensers.

Concentrations of TPH-dro and TPH-moro were reported within primarily fill material soil samples in various locations at the site. It is Kleinfelder's opinion that these concentrations may have been detected due to asphalt presence or minor leaks and spills. The concentrations of TPH-dro and TPH-moro did not exceed the ESL, with the exception of TPH-dro within a surface sample in Boring 4, which is the location nearest the three aboveground fuel tanks.

An arsenic concentration of 8.2 mg/kg was reported within Boring 8 at 10 feet bgs. This concentration exceeded the ESL of 1.6 mg/kg. Kleinfelder is unsure of the source of this detection, as it is near the "Price" building. No other constituents or metals were detected above their respective ESLs at this location; it is possible that this may have

been a naturally-occurring presence, as it is within background concentrations typical of the greater San Francisco Bay Area.

## RECOMMENDATIONS

Based on the soil and groundwater analytical results reported by the laboratory, Kleinfelder recommends collecting additional soil and groundwater samples from new boreholes in the vicinity of Boring 4 to obtain additional information regarding the extent of soil and groundwater that may be affected by petroleum hydrocarbons in this area of the site.

In addition, Kleinfelder recommends additional investigation in the area of Boring 3, where, during Kleinfelder's work, a flush-mounted groundwater monitoring well box was observed. The condition and purpose of this well is unknown and was previously unidentified.

Kleinfelder recommends that SMART discuss the issue of previous spills and leaks with property owner Robin Drew, as she mentioned this issue during CDM's Phase I ESA but no regulatory information was found. In addition, Kleinfelder requested a search for Environmental Liens from Environmental Data Resources and no environmental liens were reported for the property.

## LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by SMART and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than two (2) years from the date of the report.

The work performed was based on project information provided by SMART. If SMART does not retain Kleinfelder to review any plans and specifications, including any revisions or modifications to the plans and specifications, Kleinfelder assumes no responsibility for the suitability of our recommendations. In addition, if there are any changes in the field to the plans and specifications, SMART must obtain written approval from Kleinfelder's engineer that such changes do not affect our recommendations. Failure to do so will vitiate Kleinfelder's recommendations.


Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of geologic and environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of data from field studies. Although risk can never be eliminated, more-detailed and extensive studies yield more information, which may help understand and manage the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service that provide adequate information for their purposes at acceptable levels of risk. More extensive studies, including subsurface studies or field tests, should be performed to reduce uncertainties. Acceptance of this report will indicate that SMART has reviewed the document and determined that it does not need or want a greater level of service than provided.

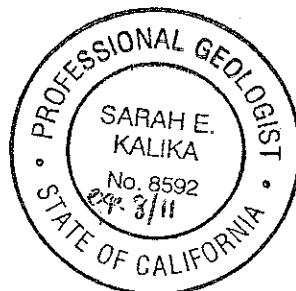
During the course of the performance of Kleinfelder's services, hazardous materials may have been discovered. Kleinfelder assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Nothing contained in this report should be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, or generator, or person who arranges for disposal, transport, storage or treatment of hazardous materials within the meaning of any governmental statute, regulation or order. SMART is solely responsible for directing notification of all governmental agencies, and the public at large, of the existence, release, treatment or disposal of any hazardous materials observed at the project site, either before or during performance of Kleinfelder's services. SMART is responsible for directing all arrangements to lawfully store, treat, recycle, dispose, or otherwise handle hazardous materials, including cuttings and samples resulting from Kleinfelder's services.


Kleinfelder appreciates the opportunity to be of service to Sonoma Marin Area Rail Transit. Please feel free to contact us if you have any questions.

Sincerely,

**KLEINFELDER WEST, INC.**

  
Sarah Kalika, PG  
Project Geologist



  
Bradley Erskine, PhD, PG, CHG, CEG  
Principal Geologist  
Northern California Transportation Division

## **TABLES**

- Table 1 – Soil Analytical Results
- Table 2 – Groundwater Analytical Results

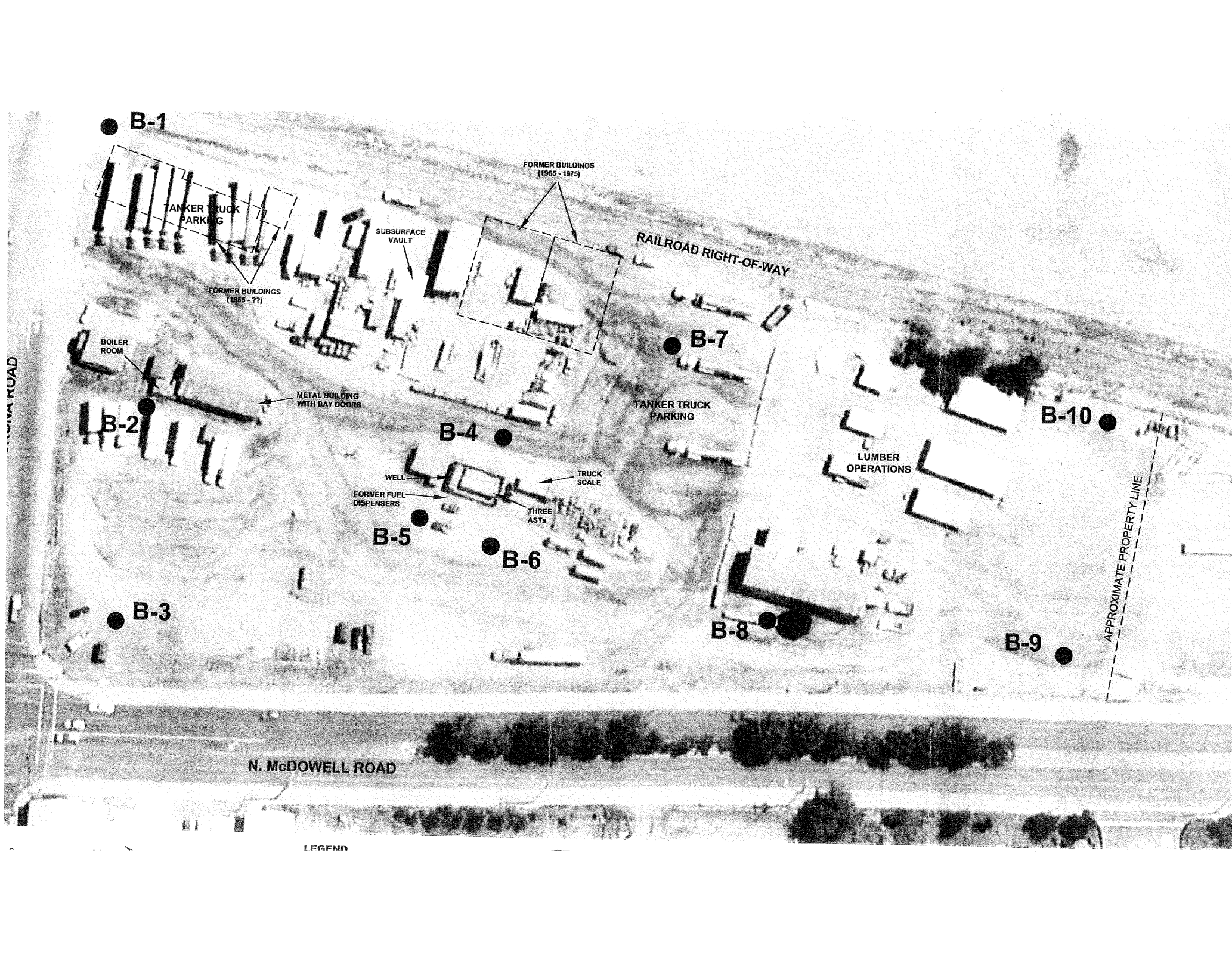
## **PLATES**

- Plate 1 – Site Vicinity Map
- Plate 2 – Borehole Locations

## **APPENDICES**

- A Kleinfelder Boring Logs
- B Sonoma County Environmental Health Division Permit
- C Laboratory Analytical Report and Chain-of-Custody Form





B-1

TANKER TRUCK PARKING

FORMER BUILDINGS (1965 - 1975)

SUBSURFACE VAULT

RAILROAD RIGHT-OF-WAY

FORMER BUILDINGS (1985 - 77)

B-7

BOILER ROOM

METAL BUILDING WITH BAY DOORS

TANKER TRUCK PARKING

B-10

LUMBER OPERATIONS

B-2

B-4

WELL  
FORMER FUEL DISPENSERS

TRUCK SCALE

THREE ASTs

B-5

B-6

B-8

B-3

B-9

APPROXIMATE PROPERTY LINE

N. McDOWELL ROAD

LEGEND

Boring	Feet Below Ground Surface	Sample Date	TPH-gro	TPH-dro	TPH-moro	Cadmium	Chromium	Lead	Nickel	Zinc	Chlorinated Herbicides (ug/kg)	VOCs (ug/kg)	Creosote	Barium	Cobalt	Copper	Mercury	Vanadium	Other CAM 17 Metals	Phenols
1	1	7/30/2010	ND	21	130	ND	51	11	63	52	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	4.5	7/30/2010	ND	ND	ND	ND	41	ND	31	24	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
2	1.5	7/30/2010	ND	ND	47	ND	41	11	60	37	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	5	7/30/2010	ND	12	ND	ND	62	ND	53	43	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	10	7/30/2010	ND	ND	ND	ND	29	ND	38	24	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	15	7/30/2010	ND	12	ND	ND	31	4.5	84	28	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	24.5	7/30/2010	ND	12	ND	ND	46	ND	43	35	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
3	2	7/30/2010	ND	27	300	ND	54	14	55	80	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	5	7/30/2010	ND	ND	ND	ND	58	ND	52	38	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	10	7/30/2010	1100	ND	ND	ND	45	7	62	24	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	15	7/30/2010	ND	ND	ND	ND	23	ND	20	16	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	24.5	7/30/2010	ND	ND	ND	ND	40	ND	53	30	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
4	3	7/30/2010	640	97	1000	ND	68	42	38	55	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	4.5	7/30/2010	670	24	22	ND	53	ND	46	31	NA	1,3,5-TMB=6.2 1,2,4-TMB = 13 Ethylbenzene = 5.4 m,p-Xylene = 40 o-Xylene = 8.8	NA	NA	NA	NA	NA	NA	NA	NA
	9.5	7/30/2010	8700	ND	ND	ND	37	ND	56	17	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	14.5	7/30/2010	3000	ND	ND	ND	52	ND	44	41	NA	Benzene = 9.2	NA	NA	NA	NA	NA	NA	NA	NA
	19.5	7/30/2010	1400	10	ND	ND	36	ND	35	24	NA	1,2,4-TMB = 5.4 Benzene = 6.1 Ethylbenzene = 9.2	NA	NA	NA	NA	NA	NA	NA	NA
	24.5	7/30/2010	ND	ND	ND	ND	37	ND	39	24	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
5	3	7/30/2010	ND	ND	ND	ND	100	ND	88	47	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	5	7/30/2010	ND	ND	ND	ND	68	ND	50	43	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	10	7/30/2010	ND	ND	ND	ND	37	ND	29	21	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	20	7/30/2010	ND	ND	ND	ND	50	ND	44	38	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	24.5	7/30/2010	ND	ND	ND	ND	35	ND	38	26	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
6	2	7/30/2010	ND	ND	ND	ND	78	ND	100	61	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	4.5	7/30/2010	770	ND	ND	ND	61	ND	38	34	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
7	2	7/30/2010	ND	47	530	ND	47	45	59	510	AA ND	AA ND	ND	NA	NA	NA	NA	NA	NA	NA
	4.5	7/30/2010	ND	ND	ND	ND	44	ND	44	25	AA ND	AA ND	ND	NA	NA	NA	NA	NA	NA	NA
8	2.5	7/30/2010	ND	17	22	ND	54	ND	45	29	NA	AA ND	ND	140	13	22	0.12	36	ND	ND
	5	7/30/2010	ND	ND	ND	ND	33	ND	25	16	NA	AA ND	ND	76	9.7	11	0.15	30	ND	ND
	10	7/30/2010	ND	ND	ND	ND	32	10	95	21	NA	AA ND	ND	260	57	17	ND	61	Arsenic = 8.2; others ND	ND
	20	7/30/2010	ND	ND	ND	ND	41	ND	44	29	NA	AA ND	ND	150	9.5	16	0.13	27	ND	ND
	24.5	7/30/2010	ND	ND	ND	ND	30	ND	66	20	NA	AA ND	ND	190	14	10	0.12	29	ND	ND
9	2	7/30/2010	ND	ND	ND	ND	30	ND	60	35	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
	4.5	7/30/2010	ND	ND	ND	ND	34	ND	30	18	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA
10	2	7/30/2010	ND	ND	ND	ND	46	7.9	58	49	AA ND	AA ND	ND	NA	NA	NA	NA	NA	NA	NA
	4.5	7/30/2010	ND	ND	ND	ND	36	ND	34	18	AA ND	AA ND	ND	NA	NA	NA	NA	NA	NA	NA
ESL			83	83.0	2,500	7.4	750/8.0 *	750	150	600	various	Benzene = 44 ug/kg Ethylbenzene = 3300 ug/kg Xylenes = 2300 ug/kg	various	1500	80	230	10	200	Arsenic = 1.6	various
TTLC			Landfill Specific			100.0	2500/500**	1000	2000	5000	Landfill Specific			10000	8000	2500	20	2400	Arsenic = 500	

ESLs = Environmental Screening Levels (SFBRWQCB) in commercial/industrial shallow soils where groundwater is a potential source for drinking water (May, 2008)

TTLC = Total Threshold Limit Concentration (Title 22) for landfill disposal in California

ND = Not detected at or above laboratory reporting limits AA ND = All analytes analyzed by laboratory for method not detected at or above laboratory reporting limits

**Janaury 2011 Kleinfelder Phase II ESA**



January 19, 2011  
File Number: 112071/KL003

Mr. Robert Krantz  
SMART Real Estate Property Manager  
Sonoma Marin Area Rail Transit District  
750 Lindero Street, Suite 200  
San Rafael, CA 94901

Electronic mail: rkrantz@sonomamarintrain.org

**Subject: Phase II Soil and Groundwater Investigation  
July and November 2010  
890 North McDowell Boulevard  
Petaluma, California**

Dear Mr. Krantz:

Kleinfelder is pleased to submit this report of findings from the Phase II Soil and Groundwater Investigation that was conducted on July 30, 2010, in accordance with our revised proposal, dated May 4, 2010 and additional field work on November 18, 2010, to address additional borehole locations in accordance with our supplemental proposal, dated October 1, 2010.

Kleinfelder performed this additional Phase II Environmental Investigation for the purposes of assisting SMART with acquisition of this property.

This report is intended to **supplement and replace** the previous Phase II investigation report dated September 8, 2010.

## **BACKGROUND AND PROJECT UNDERSTANDING**

Kleinfelder reviewed the Phase I ESA prepared by CDM ("*Phase I Environmental Site Assessment, 890 North McDowell Boulevard, Petaluma, California*" dated February 9, 2010, and associated conclusions and recommendations. Kleinfelder prepared a scope of work that relied on the conclusions provided in the Phase I ESA, focused toward investigation of the Recognized Environmental Conditions as presented.

Kleinfelder implemented this scope of work in July and August 2010 and a report of findings was prepared "Phase II Environmental Investigation, 890 North McDowell Boulevard, Petaluma, California" dated September 8, 2010. Recommendations within this report stated that SMART conduct additional boreholes in the vicinity of the above ground petroleum storage tanks based on elevated concentration of hydrocarbons in groundwater. Kleinfelder conducted the additional investigation in November 2010.

This report is a summary of both investigations and is intended to replace the previous report submitted in September 2010.

## **SUBSURFACE SOIL INVESTIGATION**

Kleinfelder's assessment of fifteen borehole locations at the site included pre-field activities, fieldwork, and laboratory analysis. Each of these elements is discussed in the following sections.

### **Pre-field Activities:**

Kleinfelder obtained a drilling permit revision from Sonoma County Environmental Health Division (SCEHD), dated July 22, 2010 for an environmental investigation at the site. In October, Kleinfelder confirmed that the additional five boreholes were able to be added to the existing permit, which is valid for one year. A copy of the permit and correspondence is included in Attachment A. Kleinfelder marked the proposed location of soil borings and contacted Underground Services Alert (USA) prior to the investigation to inform utility companies of our intent to drill. Kleinfelder received responses from notified utilities including Sonoma County Water Agency, City of Petaluma Water Department, Utilquest, and PG&E.

Kleinfelder's approximate placement of boreholes was based on the assumption that groundwater flows generally to the southwest, following topography toward the Petaluma River and that approximate depth to water in the area, as stated within the Phase I ESA, is 25 feet below ground surface.

### **Fieldwork:**

Ten boreholes were advanced on July 30, 2010 and five additional boreholes were advanced on November 18, 2010 (Plate 2). Vannucci Technologies, a C-57 licensed driller based in Woodland, California, advanced the soil borings using Geoprobe® direct-push soil sampling technology which consists of a track-mounted drill rig that is used to collect soil within an approximately 2-inch-diameter clear acetate sleeve. The borings were advanced to 25 feet below ground surface (bgs).

Soil samples were collected within each borehole at approximately 5 foot intervals. Samples were collected by cutting a 6-inch length of sleeve and capping each end with a sheet of Teflon® and a plastic cap. Soil samples were labeled with a unique identification number, and placed in an iced cooler for subsequent delivery to the analytical laboratory. Soil was screened for organic vapors using a photo ionization detector (PID). The first ten boreholes were logged by a California Professional Geologist. The five additional boreholes were logged by a Kleinfelder Geologist, under the supervision of a California Professional Geologist.

After drilling each borehole, Vannucci Technologies personnel decontaminated drilling equipment with a steam sprayer and liquinox soap. Each borehole was backfilled with cement grout to the surface, in accordance with SCEHD protocols.

Groundwater was encountered in each of the borings drilled deeper than 5 feet, after allowing each borehole to stand open for approximately 15 to 30 minutes. One grab groundwater sample was collected from ten of the fifteen boreholes by inserting a slotted PVC casing into the borehole after drilling had been completed. Groundwater was collected by attaching a metal check-valve mechanism to the bottom of a length of new, clean, disposal tubing and drawing water through the tube and directly into laboratory-provided pre-preserved glass and plastic containers. Each groundwater sample was assigned a unique identification number and placed within the iced cooler with the soil samples.

Investigation derived waste (excess soil) was added to the existing 55-gallon drum, which was labeled and placed on the south side of the metal building that is adjacent to the boiler shed pending analytical results. This soil was classified as non-hazardous waste, based on the analytical data provided by the laboratory. This drum of soil is pending removal by our waste hauling subcontractor.

### **Laboratory Analysis:**

Thirty-six soil samples and five groundwater samples, collected from ten boreholes, were submitted on July 30, 2010. Twenty-five soil samples, five groundwater samples, and one trip blank were collected from five boreholes on November 18, 2010. Each of the soil and groundwater samples were transported under chain-of-custody documentation to SunStar Laboratories, Inc. (SunStar), in Lake Forest, California. SunStar is accredited by the State of California to perform the requested analyses. The samples were analyzed for the following constituents as follows:

Sample from Borings 1, 7, and 10, collected along the railroad right of way, categorized as sample group "A" were analyzed for the following constituents:

- Total Petroleum Hydrocarbons as gasoline range organics (TPH-gro), Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), Methyl tert-butyl ether (MTBE), and Volatile Organic Compounds by EPA Method 8260;
- TPH as diesel range organics (TPH-dro), TPH as motor oil range organics (TPH-moro) by EPA Method 8015B with silica gel cleanup performed by the laboratory;
- Leaking Underground Fuel Tank (LUFT) 5 metals described as cadmium, chromium, lead, nickel, and zinc by EPA Method 6010 with filtering performed by the laboratory for water sample analysis, providing dissolved metal results;
- Creosote by EPA Method 8270; and
- Herbicides by EPA Method 8151.

Samples from Borings 2, 3, 4, 5, 6, and 9 collected in the vicinity of the boiler shed, former fuel dispensers, ASTs, and boundary of the site along McDowell Road, which includes the

on-site groundwater well, categorized as sample group "B" were analyzed for the following constituents:

- TPH-gro, MTBE, BTEX, VOCs by EPA Method 8260;
- TPH-dro, TPH-moro by EPA Method 8015B with silica gel cleanup performed by the laboratory; and
- LUFT 5 Metals by EPA Method 6010 with filtering performed by the laboratory for water sample analysis, providing dissolved metal results.

Samples from Boring 8 collected in the vicinity of the Price Building, categorized as sample group "C," were analyzed for the following constituents:

- TPH-gro, MTBE, BTEX, VOCs by EPA Method 8260;
- TPH-dro, TPH-moro by EPA Method 8015B with silica gel cleanup performed by the laboratory;
- CAM 17 Metals (Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc) by EPA Method 6010 with filtering performed by the laboratory for water sample analysis, providing dissolved metal results; and
- Phenols, including pentachlorophenol by EPA Method 8270.

Samples from stepout Borings 11, 12, 13, 14, and 15 were analyzed for the following constituents:

- TPH-gro, BTEX, MTBE, and VOCs by EPA Method 8260;
- TPH-dro, TPH-moro by EPA Method 8015B with silica gel cleanup performed by the laboratory;
- LUFT 5 metals by EPA Method 6010 with filtering performed by the laboratory for water sample analysis, providing dissolved metal results.

## **FINDINGS**

### **Soil Conditions:**

Soil conditions for Boreholes 1 through 10 within each borehole were typically asphalt or gravel with several feet of underlying fill material composed of poorly graded fine grained sands and silts with coarse grained sand and fine to medium gravels. Clays of varying plasticity typically were found beneath the fill material, with interbedded silty clay and sandy clay intervals. Minor carbon decay and iron oxide (rust) staining were observed in several boreholes. Petroleum hydrocarbon odors or staining were not observed, except within Boring 4, located east of the existing above-ground petroleum storage tanks. Soil



within boring 4 had a strong petroleum odor in the soil from approximately 5 feet to 20 feet below ground surface and within the groundwater.

Flowing groundwater was not encountered at a specific depth within the boreholes, so each boring was kept open to assess whether groundwater would accumulate. Groundwater collected within each of the five deep boreholes after allowing the borehole to remain open at least 5 minutes up to several hours. Grab groundwater samples were collected from each of the deep boreholes.

Soil conditions for Boreholes 11 through 15 were typically surficial gravel with several feet of underlying fill material composed of poorly graded fine grained sands and silts with coarse grained sand and fine to medium gravels. Clays of varying plasticity typically were found beneath the fill material, with interbedded silty clay and sandy clay intervals. Minor carbon decay, manganese oxide, and iron oxide (rust) staining were observed in several boreholes. Petroleum hydrocarbon odors or staining were not observed, except within Borings 11 and 12. Boring 11 was located northeast of the existing above-ground petroleum storage tanks. Boring 12 was located southeast of the existing above-ground tanks. Soil within Boring 11 had a strong petroleum odor in the soil from approximately 5 feet to 15 feet below ground surface. Boring 12 had a light petroleum odor in soil from 2 to 5 feet bgs.

Flowing groundwater was not encountered at a specific depth within the boreholes, so each boring was kept open to assess whether groundwater would accumulate. Groundwater collected within each of the boreholes after allowing each borehole to remain open for 15 to 30 minutes. Grab groundwater samples were collected from each of the boreholes.

Boring logs for all fifteen borings are located in Appendix A.

### **Soil Analytical Results:**

Soil analytical results are presented in Table 1. Copies of analytical laboratory reports and chain-of-custody forms are included in Appendix C. Soil data was compared to the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) for commercial/industrial shallow soils where groundwater is a potential source for drinking water, published May 2008.

Concentrations of the volatile organic compound 1,2-dichloroethane were reported above the ESL in soil samples from Borings 11 and 13 at depths ranging from 15.5 to 24.5 feet below ground surface.

TPH-gro (gasoline range organic hydrocarbons) was reported within the soil samples above laboratory reporting limits in Borings 3, 4 and 6; however, these concentrations do not exceed the ESL.

Concentrations of TPH-dro (diesel range organic hydrocarbons) and TPH-moro (motor oil range organic range hydrocarbons) were reported within primarily fill material soil samples

in various locations at the site including Borings 1, 2, 3, 4, 7, 11, and 15. It is Kleinfelder's opinion that these constituents are related to asphalt or minor leaks and spills. The soil concentrations of TPH-dro and TPH-moro did not exceed their respective ESLs, with the exception of TPH-dro within a surface sample in Boring 4, which is the location nearest the three aboveground fuel tanks.

An arsenic concentration of 8.2 mg/kg was reported within Boring 8 at 10 feet bgs. This concentration exceeds the ESL of 1.6 mg/kg, but was not reported above laboratory reporting limits in other depths within this borehole. Kleinfelder is unsure of the source of this detection, as it is near the "Price" building and not detected above or below approximately 10 feet. No other constituents or metals were detected above their respective ESLs at this location; it is possible that this may have been a naturally-occurring presence, as it is within background concentrations typical of the greater San Francisco Bay Area.

### **Groundwater Analytical Results:**

Groundwater analytical results are presented in Table 2. Copies of analytical laboratory reports and chain-of-custody forms are included in Appendix C. Groundwater analytical results are summarized as follows:

Groundwater appears to have been affected by TPH-gro at Boring 4, which is in the presumed down gradient direction from the aboveground fuel storage tanks and former fuel dispensers. TPH-gro was reported within the groundwater sample at Boring 4 at a concentration of 8,000 ug/L. In addition, naphthalene, ethylbenzene, and xylenes were reported within groundwater at Boring 4 at concentrations above the ESL.

TPH-gro was detected **above** the ESL of 100 ug/L in Boring 11-W (250 ug/L) and Boring 13-W (100 ug/L), but below the ESL in Boring 12-W (70 ug/L), Boring 14-W (87 ug/L), and Boring 15-W (81 ug/L).

Concentrations of the fuel additive 1,2-dichloroethane were reported above the ESL in groundwater from Borings 4, 5, 8, 11, 12, 13, and 14. The concentration from Boring 13 (170 ug/L) is significantly higher than the ESL of 0.5 ug/L. 1,2-dichloroethane was reportedly historically used as an anti-knock agent in leaded fuels and is also used as a degreasing solvent and paint remover.

TPH-dro was reported within groundwater at Boring 3 (500 ug/L) at a concentration above the ESL of 100 ug/L. Kleinfelder presumes that this concentration is related to the open LUFT case at J&D Automotive due to this borehole's proximity to the groundwater monitoring well at the corner of the property. TPH-dro was not detected above laboratory reporting limits in the other samples analyzed.

Dissolved nickel and cobalt were reported within groundwater at Boring 8 at concentrations above the ESL. In addition, dissolved barium was reported in groundwater within Boring 8 but below the ESL. Dissolved nickel was also reported within Borings 5, 8, 11, 12, and 15 at concentrations above the ESL.

TPH-moro was detected above the ESL of 100 ug/L in Boring 12 (690 ug/L) and Boring 15 (730 ug/L). TPH-moro was not detected above laboratory reporting limits in the other samples analyzed.

VOCs were detected below their respective ESLs in Borings 2, 4, 5, and 8, with the exception of the following:

- Boring 4, sample 4-W:
  - Naphthalene was detected at 18 ug/L, which is **above** the ESL of 17 ug/L.
  - Ethylbenzene was detected at 100 ug/L, which is **above** the ESL of 30 ug/L.
  - Total Xylenes (m,p-xylene and o-xylene) were reported at 74 ug/L and 2.3 ug/L, which when added together for a total xylene concentration of 76.3 ug/L, are **above** ESL of 20 ug/L.
  - 1,2-dichloroethane was detected at 33 ug/L, which is **above** the ESL of 0.5 ug/L.
- Boring 5, sample 5-W:
  - 1,2-dichloroethane was detected at 0.89 ug/L, which is **above** the ESL of 0.5 ug/L.
- Boring 8, sample 8-W:
  - 1,2-dichloroethane was detected at 1.3 ug/L, which is **above** the ESL of 0.5 ug/L.
- Boring 11, sample 11-W:
  - 1,2-dichloroethane was detected at 17 ug/L, which is **above** the ESL of 0.5 ug/L.
- Boring 12, sample 12-W:
  - 1,2-dichloroethane was detected at 29 ug/L, which is **above** the ESL of 0.5 ug/L.
- Boring 13, sample 13-W:
  - 1,2-dichloroethane was detected at 170 ug/L, which is **above** the ESL of 0.5 ug/L.
- Boring 14, sample 14-W:
  - 1,2-dichloroethane was detected at 0.84 ug/L, which is **above** the ESL of 0.5 ug/L.
- No VOC compounds were reported above laboratory reporting limits in the sample from Boring 3, sample 3-W.

Cadmium, Chromium, Lead, and Zinc were not detected above reporting limits within the groundwater samples analyzed for these constituents.

## MONITORING WELL INFORMATION

Kleinfelder performed a file search to obtain information about the monitoring well located at the corner of Corona Road and McDowell Boulevard, using the State Water Board's Geotracker database. The monitoring well, confirmed to be located on the property, is associated with an open leaking underground fuel tank (LUFT) case at J&D Automotive, located at 278 Corona Road, on the western side of McDowell Boulevard. The well is known as MW-9 and was monitored from 2004 until 2006 for TPH-gasoline, BTEX, and fuel oxygenates. All constituents analyzed during this timeframe were reported below the laboratory reporting limit.

According to the site map and information in the background section within the "Results of the September 2007 Baseline Sampling Event" report, by SCS Engineers and dated February 29, 2008, one 550-gallon gasoline UST was removed from the property in 1987. In addition, a 2,000-gallon gasoline UST and a 550-gallon waste oil UST were removed in 1992 and a groundwater monitoring program was initiated in 1994. In addition, this report stated that the 2007 baseline monitoring event was conducted in advance of ozone sparging, planned at the site.

According to Table 1: Groundwater Flow Direction and Gradient, the predominant flow direction of groundwater is toward the south, west, or southwest, which is away from the property at 890 N. McDowell Boulevard.

## DISCUSSION AND CONCLUSIONS

Based on the soil and groundwater analytical results reported by the laboratory in June 2010, Kleinfelder recommended collecting additional soil and groundwater samples from new boreholes in the vicinity of Boring 4 to obtain additional information regarding the extent of soil and groundwater that may be affected by petroleum hydrocarbons in this area of the site. Kleinfelder conducted the additional investigation in November 2010.

In addition, Kleinfelder recommended an additional record search investigation in the area of Boring 3, where, during Kleinfelder's work, a flush-mounted groundwater monitoring well box was observed. The condition and purpose of this well is unknown and was previously unidentified.

Kleinfelder recommended that SMART discuss the issue of previous spills and leaks with property owner Robin Drew, as she mentioned this issue during CDM's Phase I ESA but no regulatory information was found. In addition, Kleinfelder requested a search for Environmental Liens from Environmental Data Resources and no environmental liens were reported for the property (Appendix D).

Upon review of both sets of soil and groundwater analytical results, Kleinfelder concludes that TPH-gasoline, TPH-motor oil, dissolved nickel, and various fuel oxygenates exist at the site in the vicinity of Borings 4, 11, 12, 13, 14 and 15.

Concentrations of the fuel additive 1,2-dichloroethane were reported above the ESL within groundwater in Borings 4, 5, 8, 11, 12, 13, and 14 and within deep soils in Borings 11 and 13. Reportedly, 1,2-dichloroethane was historically used as an anti-knock agent in leaded fuels and is also used as a degreasing solvent and paint remover. The source of this constituent is unknown.

## **RECOMMENDATIONS**

Kleinfelder recommends that SMART and the property owner approach Sonoma County Department of Environmental Health and/or the San Francisco Bay Regional Water Quality Control Board to assess the need for cleanup action of the groundwater at this property.

## **LIMITATIONS**

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by SMART and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than two (2) years from the date of the report.

The work performed was based on project information provided by SMART. If SMART does not retain Kleinfelder to review any plans and specifications, including any revisions or modifications to the plans and specifications, Kleinfelder assumes no responsibility for the suitability of our recommendations. In addition, if there are any changes in the field to the plans and specifications, SMART must obtain written approval from Kleinfelder's engineer that such changes do not affect our recommendations. Failure to do so will vitiate Kleinfelder's recommendations.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of geologic and environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of data from field studies. Although risk can never be eliminated, more-detailed and extensive studies yield more information, which may help understand and manage the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service that provide adequate information for their purposes at acceptable levels of risk. More extensive studies, including subsurface studies or field tests, should be performed to reduce uncertainties. Acceptance of this report will indicate that SMART has reviewed the

document and determined that it does not need or want a greater level of service than provided.


During the course of the performance of Kleinfelder's services, hazardous materials may have been discovered. Kleinfelder assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Nothing contained in this report should be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, or generator, or person who arranges for disposal, transport, storage or treatment of hazardous materials within the meaning of any governmental statute, regulation or order. SMART is solely responsible for directing notification of all governmental agencies, and the public at large, of the existence, release, treatment or disposal of any hazardous materials observed at the project site, either before or during performance of Kleinfelder's services. SMART is responsible for directing all arrangements to lawfully store, treat, recycle, dispose, or otherwise handle hazardous materials, including cuttings and samples resulting from Kleinfelder's services.

Kleinfelder appreciates the opportunity to be of service to Sonoma Marin Area Rail Transit. Please feel free to contact us if you have any questions.

Sincerely,

**KLEINFELDER WEST, INC.**

  
Sarah Kalika, PG  
Project Geologist

  
Bradley Erskine, PhD, PG, CHG, CEG  
Principal Geologist  
Northern California Transportation Division

## **TABLES**

Table 1 – Soil Analytical Results

Table 2 – Grab Groundwater Analytical Results

## **PLATES**

Plate 1 – Borehole Locations

## **APPENDICES**

- A Kleinfelder Boring Logs
- B Sonoma County Environmental Health Division Permit
- C Laboratory Analytical Reports and Chain-of-Custody Forms
- D Environmental Lien Search

## **TABLES**

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CORONA ROAD

D-1

TANKER TRUCK PARKING

FORMER BUILDINGS (1965 - 77)

FORMER BUILDINGS (1965 - 1975)

SUBSURFACE VAULT

RAILROAD RIGHT-OF-WAY

BOILER ROOM

METAL BUILDING WITH BAY DOORS

B-7

TANKER TRUCK PARKING

B-10

B-2

B-4

WELL

TRUCK SCALE

LUMBER OPERATIONS

FORMER FUEL DISPENSERS

THREE ASTs

B-13

B-5

B-6

B-15

B-14

B-3

B-8

B-9

N. McDOWELL ROAD

LEGEND

0

60



PROJECT NO. 112071

DATE: SEPT 2010

SAMPLE LOCATI

TABLE 1  
SOIL ANALYTICAL RESULTS (mg/kg unless otherwise noted)

Boring	Feet Below Ground Surface	Sample Date	TPH-gro	TPH-dro	TPH-moro	Cadmium	Chromium	Lead	Nickel	Zinc	Chlorinated Herbicides (ug/kg)	VOCs (ug/kg)	Creosote	Barium	Cobalt	Copper	Mercury
1	1	7/30/2010	ND	21	130	ND	51	11	63	52	AA ND	AA ND	NA	NA	NA	NA	NA
	4.5	7/30/2010	ND	ND	ND	ND	41	ND	31	24	AA ND	AA ND	NA	NA	NA	NA	NA
2	1.5	7/30/2010	ND	ND	47	ND	41	11	60	37	NA	AA ND	NA	NA	NA	NA	NA
	5	7/30/2010	ND	12	ND	ND	62	ND	53	43	NA	AA ND	NA	NA	NA	NA	NA
	10	7/30/2010	ND	ND	ND	ND	29	ND	38	24	NA	AA ND	NA	NA	NA	NA	NA
	15	7/30/2010	ND	12	ND	ND	31	4.5	84	28	NA	AA ND	NA	NA	NA	NA	NA
	24.5	7/30/2010	ND	12	ND	ND	46	ND	43	35	NA	AA ND	NA	NA	NA	NA	NA
3	2	7/30/2010	ND	27	300	ND	54	14	55	80	NA	AA ND	NA	NA	NA	NA	NA
	5	7/30/2010	ND	ND	ND	ND	58	ND	52	38	NA	AA ND	NA	NA	NA	NA	NA
	10	7/30/2010	1.1	ND	ND	ND	45	7	62	24	NA	AA ND	NA	NA	NA	NA	NA
	15	7/30/2010	ND	ND	ND	ND	23	ND	20	16	NA	AA ND	NA	NA	NA	NA	NA
	24.5	7/30/2010	ND	ND	ND	ND	40	ND	53	30	NA	AA ND	NA	NA	NA	NA	NA
4	3	7/30/2010	0.64	97	1000	ND	68	42	38	55	NA	AA ND	NA	NA	NA	NA	NA
	4.5	7/30/2010	0.67	24	22	ND	53	ND	46	31	NA	1,3,5-TMB=6.2 1,2,4-TMB = 13 Ethylbenzene = 5.4 m,p-Xylene = 40 o-Xylene = 8.8	NA	NA	NA	NA	NA
	9.5	7/30/2010	8.7	ND	ND	ND	37	ND	56	17	NA	AA ND	NA	NA	NA	NA	NA
	14.5	7/30/2010	3	ND	ND	ND	52	ND	44	41	NA	AA ND	NA	NA	NA	NA	NA
	19.5	7/30/2010	1.4	10	ND	ND	36	ND	35	24	NA	1,2,4-TMB = 5.4 Benzene = 6.1 Ethylbenzene = 9.2	NA	NA	NA	NA	NA
	24.5	7/30/2010	ND	ND	ND	ND	37	ND	39	24	NA	AA ND	NA	NA	NA	NA	NA
5	3	7/30/2010	ND	ND	ND	ND	100	ND	88	47	NA	AA ND	NA	NA	NA	NA	NA
	5	7/30/2010	ND	ND	ND	ND	68	ND	50	43	NA	AA ND	NA	NA	NA	NA	NA
	10	7/30/2010	ND	ND	ND	ND	37	ND	29	21	NA	AA ND	NA	NA	NA	NA	NA
	20	7/30/2010	ND	ND	ND	ND	50	ND	44	38	NA	AA ND	NA	NA	NA	NA	NA
	24.5	7/30/2010	ND	ND	ND	ND	35	ND	38	26	NA	AA ND	NA	NA	NA	NA	NA
6	2	7/30/2010	ND	ND	ND	ND	78	ND	100	61	NA	AA ND	NA	NA	NA	NA	NA
	4.5	7/30/2010	0.77	ND	ND	ND	61	ND	38	34	NA	AA ND	NA	NA	NA	NA	NA
7	2	7/30/2010	ND	47	530	ND	47	45	59	510	AA ND	AA ND	ND	NA	NA	NA	NA
	4.5	7/30/2010	ND	ND	ND	ND	44	ND	44	25	AA ND	AA ND	ND	NA	NA	NA	NA
ESL			83	83	2,500	7.4	750/8.0 *	750	150	600	various	Benzene = 44 ug/kg Ethylbenzene = 3300 ug/kg Xylenes = 2300 ug/kg 1,2-DCA = 4.5 ug/kg Others = no ESL available	various	1500	80	230	10
TTL			Landfill Specific			100.0	2500/500**	1000	2000	5000	Landfill Specific			10000	8000	2500	20

ESLs = Environmental Screening Levels (SFBRWQCB) in commercial/industrial shallow soils where groundwater is a potential source for drinking water (May, 2008)

TABLE 1 (continued)  
SOIL ANALYTICAL RESULTS (mg/kg unless otherwise noted)

Boring	Feet Below Ground Surface	Sample Date	TPH-gro	TPH-dro	TPH-moro	Cadmium	Chromium	Lead	Nickel	Zinc	Chlorinated Herbicides (ug/kg)	VOCs (ug/kg)	Creosote	Barium	Cobalt	Copper	Mercury
8	2.5	7/30/2010	ND	17	22	ND	54	ND	45	29	NA	AA ND	ND	140	13	22	0.12
	5	7/30/2010	ND	ND	ND	ND	33	ND	25	16	NA	AA ND	ND	76	9.7	11	0.15
	10	7/30/2010	ND	ND	ND	ND	32	10	95	21	NA	AA ND	ND	260	57	17	ND
	20	7/30/2010	ND	ND	ND	ND	41	ND	44	29	NA	AA ND	ND	150	9.5	16	0.13
	24.5	7/30/2010	ND	ND	ND	ND	30	ND	66	20	NA	AA ND	ND	190	14	10	0.12
9	2	7/30/2010	ND	ND	ND	ND	30	ND	60	35	NA	AA ND	NA	NA	NA	NA	NA
	4.5	7/30/2010	ND	ND	ND	ND	34	ND	30	18	NA	AA ND	NA	NA	NA	NA	NA
10	2	7/30/2010	ND	ND	ND	ND	46	7.9	58	49	AA ND	AA ND	ND	NA	NA	NA	NA
	4.5	7/30/2010	ND	ND	ND	ND	36	ND	34	18	AA ND	AA ND	ND	NA	NA	NA	NA
11	4.5	11/18/2010	0.62	ND	ND	ND	73	ND	71	40	NA	1,3,5-TMB = 5.4 1,2,4-TMB = 12 m,p-Xylene = 9.9 All others ND	NA	NA	NA	NA	NA
	9.5	11/18/2010	20	29	ND	ND	45	ND	44	36	NA	All ND	NA	NA	NA	NA	NA
	14.5	11/18/2010	ND	ND	ND	ND	70	ND	67	42	NA	All ND	NA	NA	NA	NA	NA
	19.5	11/18/2010	ND	ND	ND	ND	45	ND	61	30	NA	1,2-DCA = 23	NA	NA	NA	NA	NA
12	24.5	11/18/2010	ND	ND	ND	ND	26	ND	59	22	NA	All ND	NA	NA	NA	NA	NA
	4.5	11/18/2010	ND	ND	ND	ND	53	ND	45	30	NA	All ND	NA	NA	NA	NA	NA
	11	11/18/2010	ND	ND	ND	ND	37	ND	65	22	NA	All ND	NA	NA	NA	NA	NA
	16	11/18/2010	ND	ND	ND	ND	59	ND	50	39	NA	All ND	NA	NA	NA	NA	NA
	20	11/18/2010	ND	ND	ND	ND	51	ND	53	38	NA	All ND	NA	NA	NA	NA	NA
13	24.5	11/18/2010	ND	ND	ND	ND	42	ND	42	32	NA	All ND	NA	NA	NA	NA	NA
	4	11/18/2010	ND	ND	ND	ND	56	ND	64	31	NA	All ND	NA	NA	NA	NA	NA
	10	11/18/2010	ND	ND	ND	ND	32	ND	28	24	NA	All ND	NA	NA	NA	NA	NA
	15.5	11/18/2010	ND	ND	ND	ND	61	ND	66	50	NA	1,2-DCA = 10	NA	NA	NA	NA	NA
	19.5	11/18/2010	ND	ND	ND	ND	50	ND	60	32	NA	All others ND	NA	NA	NA	NA	NA
14	24.5	11/18/2010	ND	ND	ND	ND	55	ND	60	46	NA	1,2-DCA = 12	NA	NA	NA	NA	NA
	3.5	11/18/2010	ND	ND	ND	ND	45	ND	42	26	NA	1,2-DCA = 12	NA	NA	NA	NA	NA
	7.5	11/18/2010	ND	ND	ND	ND	55	ND	57	42	NA	All ND	NA	NA	NA	NA	NA
	13	11/18/2010	ND	ND	ND	ND	68	ND	67	60	NA	All ND	NA	NA	NA	NA	NA
	17.5	11/18/2010	ND	ND	ND	ND	50	ND	87	31	NA	All ND	NA	NA	NA	NA	NA
15	24.5	11/18/2010	ND	ND	ND	ND	51	ND	54	39	NA	All ND	NA	NA	NA	NA	NA
	3.5	11/18/2010	ND	14	ND	ND	56	9	42	36	NA	All ND	NA	NA	NA	NA	NA
	8.5	11/18/2010	ND	12	ND	ND	21	ND	13	12	NA	All ND	NA	NA	NA	NA	NA
	12.5	11/18/2010	ND	ND	ND	ND	31	ND	99	19	NA	All ND	NA	NA	NA	NA	NA
	17.5	11/18/2010	ND	13	ND	ND	37	5.5	44	28	NA	All ND	NA	NA	NA	NA	NA
	22.5	11/18/2010	ND	11	ND	ND	30	ND	36	20	NA	All ND	NA	NA	NA	NA	NA
												Benzene = 44 ug/kg Ethylbenzene = 3300 ug/kg					

TABLE 2  
GRAB GROUNDWATER ANALYTICAL RESULTS (ug/L unless otherwise noted)

Boring	Sample Date	TPH-gro	TPH-dro	TPH-moro	Cadmium	Chromium	Lead	Nickel	Zinc	VOCs	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene
1	7/30/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2	7/30/2010	51	ND	ND	ND	ND	ND	ND	ND	cis-1,2-dichloroethene = 6.6 Tetrachloroethene = 2.6 Trichloroethene = 3.6 All others ND	NS	NS	NS	NS	NS
3	7/30/2010	ND	500	ND	ND	ND	ND	ND	ND	AA ND	ND	ND	ND	ND	ND
4	7/30/2010	8000	ND	ND	ND	ND	ND	140	ND	sec-BB = 1.6 Chloroform = 1.2 1,2-DCA = 33 IPB = 23 p-IPT = 2.2 Naphthalene = 18 n-PB = 24 1,3,5-TMB = 25 1,2,4-TMB = 68 All others ND	21	3.8	100	74	2
5	7/30/2010	ND	ND	ND	ND	ND	ND	58	ND	1,2-DCA = 0.89	NS	1.8	NS	NS	NS
6	7/30/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
7	7/30/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
8	7/30/2010	ND	ND	ND	ND	ND	ND	170	ND	1,2-DCA = 1.3 All others ND	NS	NS	NS	NS	NS
9	7/30/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10	7/30/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11	11/18/2010	250	ND	ND	ND	ND	ND	160	ND	NS	NS	NS	NS	NS	NS
12	11/18/2010	70	ND	690	ND	ND	ND	55	ND	NS	NS	NS	NS	NS	NS
13	11/18/2010	100	ND	ND	ND	ND	ND	ND	ND	1,2-DCA = 17 1,2-DCA = 29 1,2-DCA = 170	ND	2.4	ND	1.8	0.93
14	11/18/2010	87	ND	ND	ND	ND	ND	ND	79	1,2,4-TMB = 1.7 DIPE = 15 1,2-DCA = 0.84	ND	5.4	0.98	4.2	2
15	11/18/2010	81	ND	730	ND	ND	ND	180	ND	1,2,4-TMB = 1.9 MTBE = 1.4	0.75	7.1	1.2	4.9	2.4
Trip Blank	11/18/2010	ND	ND	ND	ND	ND	ND	ND	ND	1,2,4-TMB = 1.2 ND	ND	3.4	0.67	2.7	1.4
ESL		100	100	100	0.25	50	2.5	8.2	81	Tetrachloroethene = 5 Trichloroethene = 5 Chloroform = 70 1,2-DCA = 0.5  Naphthalene = 17 MTBE = 5	1	40	30	20	ND

**APPENDIX A**

**KLEINFELDER BORING LOGS**

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# UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM 2487)

## MAJOR DIVISIONS

## GRAPHIC LOG

## TYPICAL DESCRIPTIONS

MAJOR DIVISIONS	GRAPHIC LOG	TYPICAL DESCRIPTIONS	
<b>GRAVELS</b> (More than half of coarse fraction is larger than the #4 sieve)	<b>CLEAN GRAVELS WITH &lt;5% FINES</b> $Cu \geq 4$ and $1 \leq Cc \leq 3$	<b>GW</b> WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES	
		<b>GP</b> POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES	
	<b>GRAVELS WITH 5 to 12% FINES</b> $Cu \geq 4$ and $1 \leq Cc \leq 3$	<b>GW-GM</b> WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES	
		<b>GW-GC</b> WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES	
		<b>GP-GM</b> POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES	
		<b>GP-GC</b> POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES	
	<b>GRAVELS WITH &gt;12% FINES</b>	<b>GM</b> SILTY GRAVELS, GRAVEL-SILT-SAND MIXTURES	
		<b>GC</b> CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES	
		<b>GC-GM</b> CLAYEY GRAVELS, GRAVEL-SAND-CLAY-SILT MIXTURES	
	<b>COARSE GRAINED SOILS</b> (More than half of material is larger than the #200 sieve)	<b>CLEAN SANDS WITH &lt;5% FINES</b> $Cu \geq 6$ and $1 \leq Cc \leq 3$	<b>SW</b> WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
			<b>SP</b> POORLY-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
		<b>SANDS WITH 5 to 12% FINES</b> $Cu \geq 6$ and $1 \leq Cc \leq 3$	<b>SW-SM</b> WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
			<b>SW-SC</b> WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
<b>SP-SM</b> POORLY-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES			
<b>SP-SC</b> POORLY-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES			
<b>SANDS WITH &gt;12% FINES</b>		<b>SM</b> SILTY SANDS, SAND-GRAVEL-SILT MIXTURES	
		<b>SC</b> CLAYEY SANDS, SAND-GRAVEL-CLAY MIXTURES	
		<b>SC-SM</b> CLAYEY SANDS, SAND-SILT-CLAY MIXTURES	
<b>FINE GRAINED SOILS</b> (More than half of material is smaller than the #200 sieve)	<b>SILTS AND CLAYS</b> (Liquid limit less than 50)	<b>ML</b> INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, SILTS WITH SLIGHT PLASTICITY,	
		<b>CL</b> INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS	
		<b>CL-ML</b> INORGANIC CLAYS-SILTS OF LOW PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS	
	<b>SILTS AND CLAYS</b> (Liquid limit greater than 50)	<b>OL</b> ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY	
		<b>MH</b> INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILT	
		<b>CH</b> INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS	
	<b>OH</b> ORGANIC CLAYS & ORGANIC SILTS OF MEDIUM-TO-HIGH PLASTICITY		

USCS (D2487) KA CORPORATE STD. GDT. KLEINFELDER GINT LIBRARY VER. 2.GLB. 112071-BORING LOGS.GPJ. 8/24/10













Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D2487)**  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
**1**



## LOG SYMBOLS

	BULK / BAG SAMPLE	-4	PERCENT FINER THAN THE NO. 4 SIEVE (ASTM Test Method C 136)
	MODIFIED CALIFORNIA SAMPLER (2-1/2 inch outside diameter)	-200	PERCENT FINER THAN THE NO. 200 SIEVE (ASTM Test Method C 117)
	CALIFORNIA SAMPLER (3 inch outside diameter)	LL	LIQUID LIMIT (ASTM Test Method D 4318)
	STANDARD PENETRATION SPLIT SPOON SAMPLER (2 inch outside diameter)	PI	PLASTICITY INDEX (ASTM Test Method D 4318)
	CONTINUOUS CORE	TXUU	CONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION (EM 1110-1-1906)/ASTM TEST METHOD D2850
	SHELBY TUBE	EI	EXPANSION INDEX (UBC STANDARD 18-2)
	ROCK CORE	COL	COLLAPSE POTENTIAL
	WATER LEVEL (level where first encountered)	UC	UNCONFINED COMPRESSION (ASTM Test Method D 2166)
	WATER LEVEL (level after completion)	MC	MOISTURE CONTENT (ASTM Test Method D 2216)
	SEEPAGE		

### GENERAL NOTES

*Boring log data represents a data snapshot.*

*This data represents subsurface characteristics only to the extent encountered at the location of the boring.*

*The data inherently cannot accurately predict the entire subsurface conditions to be encountered at the project site relative to construction or other subsurface activities.*

*Lines between soil layers and/or rock units are approximate and may be gradual transitions.*

*The information provided should be used only for the purposes intended as described in the accompanying documents.*

*In general, Unified Soil Classification System designations presented on the logs were evaluated by visual methods.*

*Where laboratory tests were performed, the designations reflect the laboratory test results.*

KA LOG KEY KA CORPORATE STD.GDT KLEINFELDER GINT LIBRARY VER 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071

Date: 08-10-10

Entry By: A. Gekas

Checked By: S. Kalika

File Name:

#### LOG KEY

890 NORTH McDOWELL BOULEVARD  
PETALUMA, CALIFORNIA

Plate

1



Boring Number: B-1	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 5.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Gravel	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description	The report and log key are an integral part of these logs. All data and interpretations in this log are subject to those stated explanations and limitations.	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)		Passing #4 Sieve (%)	Passing #200 Sieve (%)
1-1.0							Loose gravel and soil top 2 inches <b>SAND, fine with SILT (SM)</b> medium brown with streaks of light brown, dry, minor fine gravel, no PHO, no PHS										PID = 0
1-4.5							<b>CLAY (CL)</b> dark brown, moist, medium stiff, light PHO, no PHS										PID = 0
							Boring completed at a depth of 5.0 ft below existing site grade. Backfilled with neat cement grout.										

SOIL BORING LOG - KA CORPORATE STD.GDT - KLEINFELDER GINT LIBRARY VER 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-1**  
  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
  
**2**

Boring Number: B-2	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (XY, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Gravel	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification				Laboratory				Other Tests and Field Notes		
							Description				Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit		Water Content (%)	Dry Unit Weight (pcf)
2-1.5							Gravel/ loose rock and silt about 4 inches, 1 inch layer of red material (brick pieces) <b>SILTY SAND (ML)</b> medium brown, dry to moist, fine grained to medium grained sand, no PHO, no PHS, minor fine gravel									PID = 0	
2-5.0							<b>CLAY (CL)</b> dark brown, medium stiff, moist, no PHO, no PHS										PID = 0
2-10.0							silt, moist, olive gray with 25% dark gray  Sandy clay, greenish-gray, soft, moist, fine-grained sand grains, no PHO, no PHS  Interbeds about 3 to 5 inches thick of carbon of root decay with medium brown to light brown silt  minor carbon ~5%										PID = 0

SOIL BORING LOG - KA CORPORATE STD.GDT - KLEINFELDER\_GINT\_LIBRARY\_VER 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-2**  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
**3**

Boring Number: B-2	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Gravel	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description		Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)		Passing #4 Sieve (%)	Passing #200 Sieve (%)
16		2-15.0					CLAY (CL) medium brown, very stiff, moist, minor carbon, no PHO, no PHS										PID = 0
20		2-20.0															PID = 0
24		2-24.5					1 inch cobbles, sub-rounded and coarse subrounded SAND GRAVEL and SILT (GC-GM) dark brown with layers of medium brown fine grained sand, very moist										PID = 0
26							4 inches clay, brownish gray, soft, moist to wet, 2 inches medium grained sand and coarse sand, moist, in a clayey matrix										PID = 0
28							Borehole left open at 09:30am to allow water (if any present) to collect. No Water detected by sounder at 09:39am. Water detected at 15:20. 2-W collected 15:25. Boring completed at a depth of 25.0 ft below existing site grade. Backfilled with neat cement grout.										

SOIL BORING LOG KA CORPORATE STD.GDT KLEINFELDER GINT LIBRARY, VER. 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-2**  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
**3**

Boring Number: B-3	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Gravel	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time: 15.0 ft / 10:17 am	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification				Laboratory				Other Tests and Field Notes	
							Description				Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit		Water Content (%)
2		3-2.0					6 inches of gravel and silt Silt, sand fine-medium grained with coarse sand and fine gravel, dry, medium brown with minor pieces of red brick, no PHO, no PHS									PID = 0
4		3-5.0					CLAY (CL) dark gray, soft, moist, no PHO, no PHS									PID = 0
8							minor concrete piece light gray angular coarse gravel size CLAY (CL) light brownish gray, very stiff, moist, no PHO, no PHS, carbon pieces (5%)									PID = 0
10		3-10.5					Silty Clay, light greenish gray, very stiff, moist, no PHO, no PHS, minor carbon, minor rust stains									PID = 0

SOIL BORING LOG KA CORPORATE STD.GDT. KLEINFELDER GINT LIBRARY-VER 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-3**

890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate

**4**

Boring Number: B-3	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Gravel	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time: 15.0 ft / 10:17 am	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification				Laboratory				Other Tests and Field Notes		
							Description				Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit		Water Content (%)	Dry Unit Weight (pcf)
16		3-15.5					<p><b>SAND (SP)</b> medium to dark brown, very moist to wet layer of medium grained sand, no PHO</p> <p>grades into <b>SILTY CLAY</b>, brownish gray, moist, soft, no PHO, no PHS</p>										PID = 0
20		3-19.5					<p>minor carbon</p> <p>25% carbon, greenish-gray clay, stiff, moist, no PHO, no PHS</p>										PID = 0
24		3-24.5					<p>grades from <b>SILTY CLAY to CLAYEY SILT (ML)</b> olive gray clay, moist, subrounded sand grains, no PHO, no PHS</p>										PID = 0
26							<p>Temporary slotted casing placed at 10:25, groundwater allowed to accumulate. Grab groundwater sample collected 3-W at 10:45. Boring completed at a depth of 25.0 ft below existing site grade. Backfilled with neat cement grout.</p>										PID = 0

SOIL BORING LOG - KA CORPORATE STD.GDT - KLEINFELDER GINT LIBRARY - VER 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-3**

890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
**4**

Boring Number: B-4	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Asphalt	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time: 14.0 ft / 01:20 pm	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 In.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes			
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)		
0-2							ASPHALT											
2-4		4-3.0					Silty sand, dark brown, dry, no PHO, no PHS											PID = 0
4-5		4-4.5					CLAY (CL) dark gray, stiff, moist, moderate PHO, no PHS											PID = 0
5-10		4-9.5					Silty clay, greenish gray, moist, moderate PHO											PID = 33
10-14.5		4-14.5					CLAY (CL), slight PHO Clay, greenish gray with dark brown streaks and carbon stains, moist, slight PHO, no PHS											PID = 5

SOIL BORING LOG - KA CORPORATE STD.GDT - KLEINFELDER GINT LIBRARY - VER 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-4**  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
**5**

Boring Number: B-4	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Asphalt	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time: 14.0 ft / 01:20 pm	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description		Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)		Passing #4 Sieve (%)	Passing #200 Sieve (%)
16							greenish-gray silty clay										PID = 52
18							Strong PHO, very moist to wet										
20		4-19.5					grades into medium brown colored clay										
20							<b>CLAY (CL)</b> medium brown, medium stiff, moist, slight PHO, no PHS										PID = 0
22																	
24		4-24.5					minor carbon staining										
26							No groundwater encountered during drilling. temporary slotted casing set allowed to let water accumulate. Sample 4-WW at 13:25 PM. Boring completed at a depth of 25.0 ft below existing site grade. Backfilled with neat cement grout.										PID = 0
28																	

SOIL BORING LOG KA CORPORATE STD.GDT. KLEINFELDER GINT\_LIBRARY\_VER 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-4**

890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate

**5**



Boring Number: B-5	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Asphalt	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification				Laboratory				Other Tests and Field Notes		
							Description				Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit		Water Content (%)	Dry Unit Weight (pcf)
							FILL and ASPHALT										
2							Fill material, loose silt with angular and subangular fine gravel, medium grained sand, coarse sand, dry no PHO, no PHS										
3.0		5-3.0					<b>CLAYEY SAND (SC)</b> light to medium brown, dry, fine grained sand with fine gravel, subrounded, minor PHO, no PHS										PID = 0
4																	
5.5		5-5.5					<b>CLAY (CL)</b> dark gray, soft, moist, no PHO, no PHS										PID = 0
6																	
8							<b>SAND (SC)</b> light gray, wet, very fine grained, faint PHO, no PHS										PID = 0
10		5-10.0					<b>CLAYEY SAND (SC)</b> grayish tan, moist, fine grained, faint sewer odor, no PHS 5% carbon stains										
11							<b>SILTY CLAY (SC)</b> gray, moist, 5% carbon stains, minor rust, no PHO, no PHS										PID = 0
12																	
14																	

SOIL BORING LOG KA CORPORATE STD.GDT. KLEINFELDER GINT LIBRARY. VER. 2.GLB. 112071-BORING LOGS.GPJ. 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-5**  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
**6**

Boring Number: B-5	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (XY, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Asphalt	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)	
16		5-15.5					<b>CLAY (CL)</b> light to medium brown, stiff, moist, no PHO, no PHS, minor carbon and rust stains										PID = 0
18							<b>SILT (SC)</b> grades into soft clay with greenish gray minor bands of silt										
20		5-20.0					<b>SILTY CLAY (SC)</b> gray, medium stiff to stiff										PID = 0
24		5-24.5					increasing carbon stains, color changes slightly brown <b>SILTY CLAY (SC)</b> dark gray, stiff, dry to moist, no PHO, no PHS <b>hard SILT and fine-grained SAND (ML)</b> moist, brownish gray, no PHO, no PHS										PID = 0
26							No groundwater encountered during drilling. Hole left open to groundwater to accumulate. 5-W collected at 15:15. Boring completed at a depth of 25.0 ft below existing site grade. Backfilled with neat cement grout.										

SOIL BORING LOG - KA CORPORATION - STD.GDT - KLEINFELDER GINT LIBRARY - VER. 2.GLB - 112071-BORING LOGS.GPJ - 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-5**  
  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
  
**6**

Boring Number: B-6	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 5.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Gravel	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification				Laboratory				Other Tests and Field Notes		
							Description		Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)		Passing #4 Sieve (%)	Passing #200 Sieve (%)
2		6-2.0					GRAVEL and fill rock									PID = 0	
4		6-4.5					SAND and fines (SP) medium brown, dry, grains range from coarse sand to fine sand, no PHO, no PHS, hard initially then when broken up gets crumbly										PID = 0
6							CLAY (CL) dark gray, stiff, moist, no PHO, no PHS										PID = 0
5.0							Boring completed at a depth of 5.0 ft below existing site grade. Backfilled with neat cement grout.										

SOIL BORING LOG - KA CORPORATE STD.GDT - KLEINFELDER GINT LIBRARY, VER. 2.GLB - 112071-BORING LOGS.GPJ - 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-6**  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
**7**

Boring Number: B-7	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 5.0 ft	Coordinates (XY, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Gravel	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes			
							Description	The report and log key are an integral part of these logs. All data and interpretations in this log are subject to those stated explanations and limitations.	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)		Passing #4 Sieve (%)	Passing #200 Sieve (%)	
2		7-2.0					Gravel and unconsolidated fill/ silt										PID = 0	
4		7-4.5					CLAY (CL) dark gray, stiff, moist, no PHO, no PHS											PID = 0
6							Boring completed at a depth of 5.0 ft below existing site grade. Backfilled with neat cement grout.											

SOIL BORING LOG - KA CORPORATE STD.GDT KLEINFELDER\_GINT\_LIBRARY VER. 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-7**

890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate

**8**

Boring Number: B-8	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Asphalt	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)	
							2 inches of ASPHALT FILL base rock										
2		8-2.5					SILT and SAND with coarse SAND (SP) medium brown, dry, fine gravel, subangular grain size, no PHO, no PHS										PID = 0
4		8-5.0					CLAY (CL) dark gray, very stiff, moist, no PHO, no PHS with streaks of carbon stain and minor rust										PID = 0
10		8-10.0					CLAYEY SAND (SC) medium to dark brown, moist, no PHO, no PHS, minor rust and carbon staining										PID = 0
12							CLAY (CL) medium brown, stiff, moist										
							coarse SAND in a CLAYEY matrix (SC) subangular to subrounded grains, wet, no PHO, no PHS										
							CLAY (CL) medium brown, medium stiff, moist, no PHO, no PHS										

SOIL BORING LOG KA CORPORATE STD.GDT. KLEINFELDER GINT LIBRARY, VER. 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-8**  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
**9**

Boring Number: B-8	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 25.0 ft	Coordinates (X/Y, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Asphalt	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes	
							Description	The report and log key are an integral part of these logs. All data and interpretations in this log are subject to those stated explanations and limitations.	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)		Passing #4 Sieve (%)
16		8-15.0														PID = 0
20		8-20.0														PID = 0
24		8-24.5					SILTY CLAY (SM)	medium to dark brown, moist, no PHO, no PHS								PID = 0
26							No groundwater encountered in borehole during drilling. Borehole allowed to sit with temporary slotted casing. 8-W collected at DTW at 8 feet measured at 14:13 - 14:20. Boring completed at a depth of 25.0 ft below existing site grade. Backfilled with neat cement grout.									

SOIL BORING LOG KA CORPORATE STD.GDT KLEINFELDER GINT LIBRARY\_VER 2.GLB 112071-BORING LOGS.GPJ 8/24/10



Project Number: 112071  
 Date: 08-10-10  
 Entry By: A. Gekas  
 Checked By: S. Kalika  
 File Name:

**BORING WELL LOG B-8**  
  
 890 NORTH McDOWELL BOULEVARD  
 PETALUMA, CALIFORNIA

Plate  
  
**9**

Boring Number: B-9	Location: 890 N. McDowell Boulevard	Drilling Method: Direct Push
Boring Total Depth: 5.0 ft	Coordinates (XY, Lat/Long): NA°	Drilling Equipment: GeoProbe 7720DT
Depth to Rock: NA	Datum/Coordinate System: NA	Drilling Company: Vannucci Technologies
Date Begin/End: 07-30-10 / 07-30-10	Top of Boring Elevation: NA	Bit Size/Type: 2-inch
Surface Conditions: Gravel	Coordinate Data Source: NA	Hammer Type/Method: NA
WL Measurement Point: Ground Surface	Depth to Groundwater Initial/Time:	Hammer Drop/Weight: NA lbs.
Logged By: S. Kalika	Depth to Groundwater Final/Time:	Angle From Vertical/Bearing: 90

Depth (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification				Laboratory				Other Tests and Field Notes			
							Description				Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit		Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)
2		9-2.0					Gravel and unconsolidated material Silt with coarse gravel to fine gravel <b>SAND (SP)</b> medium brown, dry, no PHO, no PHS											PID = 0
4		9-4.5					<b>CLAY (CL)</b> dark gray, moist, no PHO, no PHS											PID = 0
6							Boring completed at a depth of 5.0 ft below existing site grade. Backfilled with neat cement grout.											

SOIL BORING LOG - KA CORPORATE STD.GDT - KLEINFELDER\_GINT\_LIBRARY\_VER\_2.GLB - 112071-BORING LOGS.GPJ - 8/24/10

	Project Number: 112071	<b>BORING WELL LOG B-9</b>	Plate <b>10</b>
	Date: 08-10-10		
	Entry By: A. Gekas	890 NORTH McDOWELL BOULEVARD PETALUMA, CALIFORNIA	
	Checked By: S. Kalika		
File Name:			



Date Completed: **11/18/10**

Drilling method: **Direct Push**

Logged By: **J. Gaines**

Total Depth: **25.0 ft**

Hammer Wt: **None**

Notes: **Surface Conditions: Gravel lot**

Depth (feet)	Sample Number	Sample Type	Blows/Foot	Recovery (%)	OVA (ppm) PID	USCS	Description	Remarks
1							<b>GRAVEL with SAND and SILT (GP)</b> - gray brown, dry, loose to dense, well rounded to angular 1", no hydrocarbon odor	
2							- red brick	
3							<b>SILTY CLAY (CL)</b> - black, moist, firm to hard, slight hydrocarbon odor, rootlets	5' run, 4' recovery (0-5'bgs)
4								
5	B-11-4.5'				5.6		<b>CLAY (CL)</b> - dark brown to black, moist, firm to hard, trace sand	
6								
7								
8								4' run, 5' recovery (5-9'bgs)
9								
10	B-11-9.5'				197			
11								
12					100		<b>CLAYEY SAND (CL)</b> - green, tan, gray, moist, medium dense, occasional well graded ¼" gravel, strong hydrocarbon odor to 12'	5' run, 5' recovery (9-14'bgs)
13								
14					0		<b>CLAY (CL)</b> - tan with with green mottles, moist, hard, no hydrocarbon odor	∇
15	B-11-14.5'				117			
16					0		<b>CLAYEY SAND (SC)</b> - brown, green, moist, loose, hydrocarbon odor Fine to coarse sand	
17					0			4' run, 5' recovery (14-18'bgs)
18					0		<b>CLAY (CL)</b> - tan with with green mottles, moist, hard, no hydrocarbon odor - with sand and occasional gravel ¼" well rounded	
19					0			
20	B-11-19.5'				0			4' run, 5' recovery (18-22'bgs)
21					0			
22					0			
23					0			
24	B-11-24.5'				0			
25					0		<b>SAND with GRAVEL (SP)</b> - light brown, wet, medium dense, fine to medium grained sand, well rounded gravel ¼", no hydrocarbon odor	3' run, 4' recovery (22-25'bgs)
26							Boring terminated at approximately 25 feet below ground surface.	
27							Groundwater measured at 13 feet.	
28							Backfilled with neat cement grout, placed with trimie B-11W	
29							collected at 1526.	
30								

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PROJECT NO. 112071

**LOG OF BORING NO. B-11**

CORONA ROAD / MCDOWELL BLVD SITE  
890 N. MCDOWELL BLVD  
PETALUMA, CA

PLATE

**2**

12/8/2010 3:29:32 PM

Date Completed: 11/18/10

Drilling method: Direct Push

Logged By: J. Gaines

Total Depth: 25.0 ft

Hammer Wt: None

Notes: Surface Conditions: Gravel lot

Depth (feet)	Sample Number	Sample Type	Blows/Foot	Recovery (%)	OVA (ppm) PID	USCS	Description	Remarks
1							<b>GRAVEL with SAND and SILT (GP)</b> - gray brown, dry, loose to dense, well rounded to angular 1", no hydrocarbon odor	
2					0			
3					0		<b>CLAY (CL)</b> - dark brown to black, moist, firm, moderately plastic, no hydrocarbon odor, some rootlets	5' run, 5' recovery (0-5'bgs)
4	B-13-4'	X			0			
5					0			
6					0			
7					0			
8		X			0		<b>SILTY CLAY/CLAYEY SILT (CL/ML)</b> - tan to light brown, moist, firm to hard, manganese mineralization, no hydrocarbon odor	5' run, 5' recovery (5-10'bgs)
9					0			
10	B-13-10'	X			0		<b>SANDY CLAY (CL)</b> - tan, moist, firm, fine grained sand, no hydrocarbon odor	
11					0			
12					0		<b>CLAY with GRAVEL (CL)</b> - brown, moist, firm to hard, manganese mineralization, well rounded gravel up to 1/2", no hydrocarbon odor	4' run, 5' recovery (10-14'bgs)
13					0			
14					0			
15					0			
16	B-13-15.5'	X			0		- silt	4' run, 5' recovery (14-18'bgs)
17					0			
18					0			
19					0		<b>CLAYEY SAND (SC)</b> - tan, wet, medium dense, fine to medium grained sand, with occasional well rounded gravel up to 1/2", no hydrocarbon odor	
20	B-13-19.5'	X			0			
21					0		<b>CLAY (CL)</b> - brown, moist, firm to hard, black manganese mineralization, occasional trace fine grained sand, no hydrocarbon odor	4' run, 5' recovery (18-22'bgs)
22					0			
23					0			
24					0			∇
25	B-13-24.5'	X			0			3' run, 4' recovery (22-25'bgs)
26							Boring terminated at approximately 25 feet below ground surface.	
27							Groundwater measured at 23 feet.	
28							Backfilled with neat cement grout, placed with trimie B-13W collected at 1323.	
29								
30								



**LOG OF BORING NO. B-13**

CORONA ROAD / MCDOWELL BLVD SITE  
890 N. MCDOWELL BLVD  
PETALUMA, CA

PLATE

**4**

PROJECT NO. 112071

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12/8/2010 3:29:33 PM

Date Completed: **11/18/10**

Drilling method: **Direct Push**

Logged By: **J. Gaines**

Hammer Wt: **None**

Total Depth: **25.0 ft**

Notes: **Surface Conditions: Gravel lot**

Depth (feet)	Sample Number	Sample Type	Blows/Foot	Recovery (%)	OVA (ppm)	PID	USCS	Description	Remarks
1					0			<b>GRAVEL (GP)</b> - gray, dry, well rounded to angular up to 1", no hydrocarbon odor	
2									
3									5' run, 3' recovery (0-5'bgs)
4	B-14-3.5'	X			0			<b>SILT (ML)</b> - black, moist, firm, rootlets, trace subangular gravel up to 1/2", no hydrocarbon odor - sand & silt from 3 to 4 feet	
5									
6									
7					0				
8	B-14-7.5'	X						<b>CLAY with TUFF or SILT (CL)</b> - light gray, granular with black manganese mineralization, tan, moist, soft to firm, low plasticity, no hydrocarbon odor	5' run, 5' recovery (5-10'bgs)
9									
10					0				
11					0				
12					0			<b>SANDY CLAY (CL)</b> - tan with black manganese mineralization, moist, firm to hard, fine to coarse grained sand, trace subrounded gravel up to 1/4", no hydrocarbon odor	4' run, 5' recovery (10-14'bgs)
13	B-14-13'	X						<b>CLAY (CL)</b> - tan orange, moist, firm, some black manganese mineralization, no hydrocarbon odor	
14									
15					0				
16					0				
17	B-14-17.5'	X						<b>SANDY CLAY with GRAVEL (CL)</b> - tan to light brown, moist, firm to hard, fine to coarse grained sand, well rounded gravel up to 1/4", no hydrocarbon odor - no gravel from 17 to 22 feet	4' run, 5' recovery (14-18'bgs)
18									
19					0				
20					0				4' run, 5' recovery (18-22'bgs)
21									
22					0				
23					0			- occasional gravel from 22.5 to 23.5	
24	B-14-24.5'	X						<b>SANDY CLAY to CLAYEY SAND with GRAVEL (SC/CL)</b> moist to wet, firm to medium dense, with occasional well rounded gravel up to 1/4", fine grained sand	3' run, 4' recovery (22-25'bgs) ✓
25					0				
26								Boring terminated at approximately 25 feet below ground surface.	
27								Groundwater measured at 24 feet.	
28								Backfilled with neat cement grout, placed with trimie B-14W collected at 1200.	
29									
30									

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PROJECT NO. 112071

**LOG OF BORING NO. B-14**

CORONA ROAD / MCDOWELL BLVD SITE  
890 N. MCDOWELL BLVD  
PETALUMA, CA

PLATE

**5**

12/8/2010 3:29:33 PM

Date Completed: **11/18/10**

Drilling method: **Direct Push**

Logged By: **J. Gaines**

Total Depth: **25.0 ft**

Hammer Wt: **None**

Notes: **Surface Conditions: Gravel lot**

Depth (feet)	Sample Number	Sample Type	Blows/Foot	Recovery (%)	OVA (ppm) PID	USCS	Description	Remarks
1					0		<b>SILTY SANDY GRAVEL (GP)</b> - gray, dry, loose to dense, well rounded to angular, fine to coarse grained sand, no hydrocarbon odor	
2					0			
3					0			
4				3.5'	0		<b>CLAYEY SILT (ML)</b> - dark brown to greenish black, moist, firm to hard, low plasticity, few fine rootlets, trace well rounded gravel up to 1/4", no hydrocarbon odor	5' run, 5' recovery (0-5'bgs)
5					0			
6					0			
7					0			
8					0			
9				8.5'	0		<b>SANDY CLAY (CL)</b> - tan with black manganese mineralization, medium to coarse grained sand, no hydrocarbon odor	5' run, 5' recovery (5-10'bgs)
10					0			
11					0			
12					0			
13				12.5'	0		<b>SAND (SP)</b> - brown, moist to wet, medium dense, fine to medium grained sand, no hydrocarbon odor	4' run, 5' recovery (10-14'bgs)
14					0		<b>CLAY (CL)</b> - light brown with black manganese mineralization, moist, firm to hard, no hydrocarbon odor	
15					0			
16					0			
17					0			
18				17.5'	0		<b>CLAY (CL)</b> - light brown with black manganese mineralization, moist, firm to hard, with trace of fine grained sand, no hydrocarbon odor	4' run, 5' recovery (14-18'bgs)
19					0		<b>SANDY CLAY (CL)</b> - tan with black manganese mineralization, moist, soft to firm, fine to medium grained sand, no hydrocarbon odor	
20					0			
21					0		<b>CLAY (CL)</b> - light brown with black manganese mineralization, moist, firm to hard, with trace of fine grained sand, no hydrocarbon odor	4' run, 5' recovery (18-22'bgs)
22					0			
23					0			
24				22.5'	0		<b>SANDY CLAY (CL)</b> - tan with black manganese mineralization, moist, soft to firm, fine to medium grained sand, medium to coarse grained sand lense on bottom 2", no hydrocarbon odor	3' run, 4' recovery (22-25'bgs)
25					0			
26							Boring terminated at approximately 25 feet below ground surface.	
27							Groundwater measured at 23 feet.	
28							Backfilled with neat cement grout, placed with trimie B-15W collected at 1034.	
29								
30								



**LOG OF BORING NO. B-15**

CORONA ROAD / MCDOWELL BLVD SITE  
890 N. MCDOWELL BLVD  
PETALUMA, CA

PLATE

**6**

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PROJECT NO. 112071

Boring	Below Ground Surface	Sample Date	TPH-gro	TPH-dro	TPH-moro	Cadmium	Chromium	Lead	Nickel	Zinc	Mercuries (ug/kg)	VOCs (ug/kg)	Cresolite	Barium	Cobalt	Copper	Manganese	Molybdenum	Selenium	Silver	Vanadium	Zinc	Zirconium														
																								ESL	ESL	ESL	ESL	ESL	ESL	ESL	ESL	ESL	ESL	ESL	ESL	ESL	ESL
1	4.5	7/30/2010	ND	21	130	ND	51	11	63	52	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	41	11	31	37	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	47	ND	41	11	60	43	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	12	ND	ND	62	ND	53	24	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	29	ND	38	24	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
2	15	7/30/2010	ND	12	ND	ND	31	4.5	84	28	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	12	ND	ND	46	ND	43	35	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	12	ND	ND	54	14	55	80	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	27	300	ND	54	ND	52	38	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	58	ND	62	24	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
3	10	7/30/2010	1.1	ND	ND	ND	45	7	20	16	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	23	ND	53	30	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	40	ND	53	30	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	40	ND	53	30	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	40	ND	53	30	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
4	4.5	7/30/2010	0.67	24	22	ND	53	ND	46	31	NA	1,3,5-TMB=6.2 1,2,4-TMB = 13 Ethylbenzene = 5.4 m,p-Xylene = 40 o-Xylene = 8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
		7/30/2010	8.7	ND	ND	ND	37	ND	56	17	NA	Benzene = 9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	3	ND	ND	ND	52	ND	44	41	NA	1,2,4-TMB = 5.4 Benzene = 6.1 Ethylbenzene = 9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
		7/30/2010	1.4	10	ND	ND	36	ND	35	24	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	37	ND	39	24	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
5	20	7/30/2010	ND	ND	ND	ND	100	ND	88	47	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	68	ND	50	43	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	37	ND	29	21	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	50	ND	44	38	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	ND	ND	ND	35	ND	38	26	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
6	2	7/30/2010	ND	ND	ND	ND	78	ND	100	61	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	0.77	ND	ND	ND	61	ND	38	34	NA	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	47	530	ND	47	45	59	510	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	47	530	ND	47	45	59	510	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
		7/30/2010	ND	47	530	ND	47	45	59	510	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
7	4.5	7/30/2010	ND	ND	ND	ND	44	ND	44	25	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
		7/30/2010	ND	ND	ND	ND	44	ND	44	25	AA ND	AA ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
TTLIC		Landfill Specific	100.0	2500/500**	1000	2000	5000	7.4	750/8.0 *	750	150	600	various	various	1500	80	230	10	200	Arsenic = 5	ESL	83	83	2,500	7.4	750/8.0 *	750	150	600	various	various	1500	80	230	10	200	Arsenic = 5

ESLs = Environmental Screening Levels (SFRM/QC/B) in commercial/Industrial shallow soils where groundwater is a potential source for drinking water (May, 2008)

TTLIC = Total Threshold Limit Concentration (Title 22) for landfill disposal in California

AA ND = All analytes analyzed by laboratory for method not detected at or above laboratory reporting limits

1,2-DCA = 1,2-Dichloroethane

1,3,5-TMB = 1,3,5-trimethylbenzene

1,2,4-TMB = 1,2,4-trimethylbenzene

gray shade = concentrations above ESLs

NA = Not analyzed

\*\* = 2,500 is TTLIC for total chromium, 500 is TTLIC for hexavalent chromium