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PHASE I/II ENVIRONMENTAL SITE ASSESSMENT

SEPTEMBER 23, 2015



Aerial Photo of the Site
Source: Google Maps, 2015

SUBJECT SITE:
MONTEREY AVENUE PARK
MONTEREY AVE, CAPITOLA

Santa Cruz County
Assessor Parcel Number (APN):
036-151-02

PROJECT: 2X535

Prepared for:
CITY OF CAPITOLA
COMMUNITY DEVELOPMENT
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ABBREVIATIONS AND ACRONYMS			
APN	<i>Assessor's Parcel Number</i>	NFA	<i>No Further Action (de minimis Condition)</i>
ASTM	<i>American Society for Testing & Materials</i>	ppm	<i>Parts Per Million</i>
bgs	<i>Below Ground Surface</i>	NPL	<i>USEPA National Priorities List of Superfund</i>
CERCLIS	<i>Comprehensive Environmental Response, Compensation, and Liability Information System</i>	ppb	<i>Parts Per Billion</i>
CERC-NFRAP	<i>CERCLIS – No Further Remedial Action Required</i>	REC	<i>Recognized Environmental Condition</i>
CHMIRS	<i>California Hazardous Material Incident Report System</i>	SCC-EHS	<i>Santa Cruz County Environmental Health Services</i>
CREC	<i>Controlled Recognized Environmental Condition</i>	SLIC	<i>Spills, Leaks, Investigation & Clean-up</i>
CUPA	<i>Certified Unified Program Agency (A Local Haz-Mat Regulatory Oversight Agency)</i>	TPH	<i>Total Petroleum Hydrocarbons</i>
EDR	<i>Environmental Data Resources</i>	µg/L	<i>Micrograms per Liter</i>
ESA	<i>Environmental Site Assessment</i>	USGS	<i>United States Geological Society</i>
ESL	<i>Environmental Screening Level</i>	UST	<i>Underground Storage Tank</i>
HMBP	<i>Hazardous Materials Business Plan</i>	VCA	<i>Voluntary Cleanup Agreement</i>
HREC	<i>Historical Recognized Environmental Condition</i>	VCP	<i>Voluntary Cleanup Program</i>
LUST	<i>Leaking Underground Storage Tank</i>	VEC	<i>Vapor Encroachment Condition</i>
LTCP	<i>Low Threat Closure Policy</i>	VOC	<i>Volatile Organic Compound</i>
mg/Kg	<i>Milligrams per kilogram</i>		

EXPLANATION OF PHASE I ENVIRONMENTAL SITE ASSESSMENT TERMINOLOGY

(source: ASTM Standard E 1527-13)

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

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

'HREC' - Historical Recognized Environmental Condition: a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.

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

EXPLANATION OF PHASE II REGULATORY SCREENING / ACTION LEVELS

Maximum Contaminant Levels (MCLs): These are the drinking water standards established in Title 22 of the California Code of Regulations.

Water Quality Goals (WQGs): These are the maximum groundwater concentration levels allowed by the CCRWQCB for a site to be considered a low risk to groundwater resources.

Environmental Screening Levels (ESLs): From *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final, December 2013)*. The ESLs are intended to provide quantitative guidance on whether remediation of contamination is warranted. The ESLs used for in this table default to groundwater as a potential drinking water resource.

- http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml

Regional Screening Levels (RSLs): from the *USEPA Region 9 RSL Tables, Hazard Quotient = 0.1 (updated January 2015)*, and the User's Guide (November 2014). The RSLs are risk-based screening levels used for screening sites, calculating risk factors and potentially as cleanup goals once a site has been characterized.

- <http://www3.epa.gov/region09/superfund/prg/>



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1.0 EXECUTIVE SUMMARY

This report contains results of a *Phase I/II Environmental Site Assessment (Phase I ESA)*, which has been conducted to assess *potential* environmental liabilities of a park property located on Monterey Avenue, in Capitola (APN 036-151-02, herein referred to as the subject “Site”). The Phase I portion of this assessment included historical research, a review of regulatory records pertaining to the Site and vicinity properties, site reconnaissance, and interviews with regulatory agency staff. The Phase II portion consisted of laboratory testing of shallow soil samples collected from within a planned redevelopment footprint (as a skate park) in order to evaluate potential environmental liability associated with historical land uses [i.e., *potential* relic contaminants associated with an historic air strip (Camp McQuaide) and *potential* persistent pesticides from historic agricultural use].

Summaries of the Phase I research findings and Phase II testing results are presented in this *Executive Summary*.

The 4-acre subject Site is a public park (ball field, walking/running track, parking lot) situated within a long-term, residential area that was developed approximately 1965. Historical records indicate that prior to residential development the site was part of a larger agricultural property (~1954-65), an outer lying part of the Santa Cruz-Capitola Airport (1934-1954), and home to Camp McQuaide, an artillery regiment (~1920s through the early 1930s). Historical aerial photographs (Appendix B) do not show any significant structures on the subject site.

Present day adjoining and vicinity land-uses are residential, aside from the New Brighton Middle School which adjoining the subject Site to the southeast (see *Figure 2 - Vicinity Map*).

The subject Site is situated on a flat-lying terrace with a slight slope to the south (topographic elevations range from 112 to 100 feet above Mean Sea Level across the ~4-acre site – see *Site Map, Figure 3*). A small earthen mound is situated along the southwestern corner of the Site and is assumed to be imported fill. This earthen mound separates the flat-lying Middle School fields from the flat-lying Monterey Avenue Park and is an area targeted for potential redevelopment as a skatepark (see photo below).



Site: 3.99 Acre Monterey Avenue Park [APN #036-151-02]



Above: The small, four foot high, earthen mound in the background is the proposed skatepark footprint (currently separates the Monterey Avenue Park from the school grounds).

1.1 SUMMARY OF PHASE I RESEARCH

Phase I ESAs provide limited assurances of risk, since they rely on current Site conditions (Site inspections), cooperative and candid interviews/questionnaires, and a limited database of regulatory and historical documentation. The Site inspections, interviews, and review of regulatory and historic documents are designed to identify potential environmental liabilities of concern. Potential liabilities have been categorized by the *American Society for Testing and Materials (ASTM)* into the following four conditions based on decreasing levels environmental risk: (1) **recognized environmental conditions (REC)**, (2) **controlled recognized environmental conditions (CREC)**, (3) **historical recognized environmental conditions (HREC)**, and (4) **de minimis conditions**. Explanation of these terms are provided on the preceding page (see: *Explanation of Environmental Assessment Terminology*, page iv).

1.1.1 Phase I On-Site Findings

The following summarizes our findings regarding potential environmental conditions that may be present at the subject Site. Specifically, no *Recognized Environmental Conditions (RECs)* were identified as part of the site inspection or review of environmental agency files/databases. However, two historical RECs were identified base on previous on-Site land uses activities, described below:

1. Historical Airstrip (~1920s-1950s): As noted above, although historical land use maps and records do not show any actual buildings on the subject site (i.e., buildings/sheds/storage areas), it was nevertheless part of a large airstrip and artillery training ground. *Contaminants of Potential Concern* (COPCs) typically used at such facilities can include fuels, oils, solvents and metals. Collectively, these historical conditions are considered a **historically recognized environmental condition**.
2. Agricultural Activity (1950s-1960s): The site operated during a period of time when a family of persistent pesticides were commonly used (i.e., DDT, toxaphene, Dieldrin), which are considered a **historically recognized environmental condition**.

These findings are discussed in Section 10, *Findings and Opinions*.

1.1.2 Phase I Vicinity Findings

No Recognized Environmental Conditions (RECs) were identified in vicinity properties that could negatively impact the subject Site. Our review of local, state and federal regulatory records are described in detail in Section 5.

1.1.3 Phase I Conclusions

We have performed a standard of care, *Phase I Environmental Site Assessment* in accordance with protocols established in ASTM Practice E1527-13. There were no exceptions to, or deletions from, this practice (i.e. data gaps), as described in Section 9.0 of this report. **This assessment identified two (2) historical recognized environmental conditions (HRECs) in connection with the subject property.** As described above, the identified HRECs are associated with the subject site's historic land uses as an airport (i.e., potential chemical use/waste: fuels, oils, solvents, metals) and the persistent pesticides associated with agricultural land use.

1.2 SUMMARY OF PHASE II SAMPLING

A Phase II shallow sampling and laboratory-testing program was completed to evaluate whether shallow soils that may be reworked during proposed redevelopment earthworks will need special handling. Redevelopment plans include construction of a concrete-encapsulated skatepark to replace a ¼-acre earthen mound located in the southwestern corner of the Site. The testing suites were designed to evaluate potential impacts associated with the two (2) *Historical Recognized Environmental Conditions* described above (i.e., historical land-uses involving both small airport and agricultural activities).

To evaluate historic land use, four (4) shallow soil samples (EB-1a through EB-4a) were collected from across the fill mound from a depth of 6-inches below ground surface and tested at a State-certified laboratory for as standard suite of analysis targeting the aforementioned land uses of concern. Specifically, lab analysis included fuels, volatile constituent fuel compounds, oils, metals and pesticides. The soil and groundwater sampling program results are discussed in detail in Section 8.0. Analytical results are presented on Figure 5 and Tables 1 through 3.

1.2.1 Phase II Soil Sampling Results

There were no indications of chemical discoloration or odors in any of the collected soil samples. Overall, field observations and laboratory results generated from this Phase II sampling effort indicate there are no significant subsurface impacts aside from the following:

1. One of the four samples contained a trace detection of the persistent pesticide “Dieldrin”¹ (0.005 parts per million, mg/kg), which slightly exceeds the leachable screening level (i.e., 0.0023 mg/kg), but does not exceed the human health (ingestion) based screening level of 0.034 mg/kg)² for shallow soils.
2. As expected, all soil samples contained Arsenic at concentrations ranging between 3.3 and 6.8 mg/kg, which exceeds the extremely low environmental screening level of low 1.6 mg/kg for commercial land uses and 0.39 mg/kg for residential land uses. The extremely low screening level is based on animal studies, and is much lower than naturally-occurring Arsenic concentrations in the Capitola-Aptos area of 4.0 mg/kg³). The two of the four soil sample results exceeded this relatively low, “background concentration” of 4.0 mg/kg (see Table 2).

¹: Dieldrin was originally developed in the 1940s as an alternative to DDT, and was very widely used during the 1950s to early 1970s. However, it is an extremely persistent organic pollutant; it does not easily break down readily, and for this reason has been banned/severely restricted in most of the world.

²: *Environmental Screening Levels (ESLs): From Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final, December 2013)*. The ESLs are intended to provide quantitative guidance on whether remediation of contamination is warranted. The ESLs used for in this table default to groundwater as a potential drinking water resource.

- http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml

³: Arsenic detections in soil can be problematic from a risk assessment purpose because detections can be generated from a combination of: a) the local geology (i.e., naturally-occurring); b) wide-spread, anthropogenic regional (urban) sources (i.e., from historic, regional farming/industrial practices), and c) a Site-specific chemical release. The Tier 1, risk-based ESL for Arsenic is extremely low (i.e., 1.6 mg/kg for commercial land uses and 0.39 mg/kg for residential land uses). These extremely low, risk-based threshold limits are most always exceeded since California regional studies have shown that many areas contain naturally-occurring “background” concentrations in the 11 to 12 mg/kg range. Examples of two (2) such studies include:

- A statistical analysis of a large data set from school Sites in five (5) counties in Southern California generated 95th percentile upper-confidence limit (UCL-95%) background arsenic concentration of 12 mg/kg (source: Determination of a Southern California Regional Background Arsenic Concentration in Soil, DTSC 2008).
- The SF-RWQCB’s *Environmental Screening Levels (ESLs)* reference document calculated that 11 mg/kg is the regional upper estimate for background arsenic (99th percentile) for undifferentiated urbanized flatland soils in the San Francisco Bay Region (source: *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region*, December 2011).

1.2.2 Phase II Sampling Conclusions

No contaminants of concern exceed risk-based thresholds for tested fuels, oils, solvents, metals with the exception of some relatively low concentration detections of Arsenic and the persistent pesticide Dieldrin in shallow soils targeted for redevelopment earthworks. These relatively low-concentration impacted soils can be safely incorporated into the proposed skatepark design plans (Appendix A), which includes encapsulation by concrete. The County of Santa Cruz Health Service Agency (SC-HSA) should be provided a copy of this report and a brief soil management plan to address any soil handling concerns during redevelopment construction.

This concludes the *Executive Summary*.

2.0 PURPOSE AND SCOPE

This report contains results of a *Phase I Environmental Site Assessment* (ESA) that has been conducted to review environmental liabilities resulting from historic or existing environmental risks for the subject properties. Completed work tasks conformed to the recommended guidelines established by the American Society for Testing and Materials (ASTM). *Limitations and Exceptions of Assessment* are listed at the end of this report.

The purpose of this ESA is to provide a professional opinion regarding *recognized environmental conditions* at the Site, including potential impacts from known environmental problems in the surrounding area. The term “*recognized environmental conditions*”, is defined as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions” (ASTM Standard E 1527-13). A short list of the essential Phase I ESA terminology is presented after the *Assessment Findings Summary* in the Table of Contents.

2.1 DEFINED SCOPE AND METHODOLOGY

The scope of services completed for this Phase I ESA, included the following tasks:

- We reviewed historical maps, and aerial photographs, available geologic, topographic and groundwater data of the Site and vicinity (Sections 3.3 and 4 of this report).
- We completed a visual inspection of the Site, to check for indicators that might suggest a potential source of contamination such as current hazardous materials storage or use, unusually stained ground surfaces (soils, slabs), stressed vegetation, sumps/drains/tanks, and discarded hazardous material containers (Section 6 of this report). A copy of our Site Inspection Checklist, which includes Site photos, is included in Appendix A.

- We reviewed a *User Questionnaire* (Section 7.1, copy of completed questionnaire provided in Appendix A).
- We completed interviews with multiple parties who have specialized knowledge about the subject Site (Section 7.2, interviewing documentation provided in Appendix A).
- We contracted with EDR, an information research firm specializing in environmental data collection, to conduct a regulatory list search of sites with underground fuel storage tanks (UST's), contaminated sites, hazardous waste generation or treatment-storage-and disposal facilities, and landfills located within ASTM survey radius. We evaluated the locations of all identified sites in relation to the Site (see Section 5.1, *Figure 4 – Surrounding Site Regulatory Review*, and Appendix C for EDR's Radius Report, which compiles and locates regulatory records from numerous local, state and federal agencies).
- We reviewed reasonably ascertainable records of hazardous materials storage and documented releases from online, public right-to-know local and State regulatory databases and physical archives, such as the State of California GeoTracker and EnviroStor databases, and local environmental health and/or building/planning department archives. Our review included a search for records pertaining to the subject Site and sites within the search distances established by ASTM E 1527-13 (see Section 5.1 through 5.4; Appendix D contains some referenced documents).
- We completed a Phase II soil and groundwater subsurface sampling investigation, in order to ascertain whether significant environmental impacts to soil and groundwater beneath the Site has occurred from Recognized Environmental Conditions identified during the Phase I research.
- We evaluated the collected information and prepared this summary report.

3.0 SITE SETTING & BACKGROUND

3.1 SITE DESCRIPTION AND BACKGROUND

The subject property (the "Site") consists of a single parcel, registered as Monterey Avenue Park, in Capitola, California. The Site has an extended history as a public park, but historically was part of the Santa Cruz-Capitola Airport in the 1930's to the 1950's.

- *Santa Cruz County Assessor's Parcel Number (APN):* 036-151-02
- The property spans a total area of approximately 3.98-acres.
- There have been no permanent structures on site.

According to the City of Capitola and other online accounts, the Santa Cruz-Capitola Airport was established in 1934, but had a history as an unofficial airstrip for about ten years before that. The airport was listed as a commercial/municipal airport, meaning it was largely used by personal aircraft. The airport was in operation until about 1954 when operations were moved to Skypark in Scotts Valley.

The area was also home to Camp McQuaide, an artillery regiment, from the 1920s to 1938. The camp was used for artillery practice until noise complaints moved them to outside Watsonville. The area that would become the Site is located just to the north of Camp McQuaide.

After the airport was shut down in 1954, it became an agricultural plot. During this time period, persistent pesticides (i.e. DDT, DDE, Dieldrin, ext.) were very commonly used, which could remain on the site to this day.

By 1968, the agriculture had been developed into residential housing and the Site had been left undeveloped to allow for the future park, which would be in its present state by 1993.

Historical land-use maps and records are discussed in Section 4 and the corresponding records (Sanborn Maps, historical aerial photographs and telephone directories) are presented in Appendix B.

3.1.1 Utilities, Wells and Storage Tanks

Utilities: The subject Site is not connected to any utility service operators.

Wells/Sumps: No records or observations indicating the current or historical presence of water supply or monitoring wells were found for the Site.

Storage Tanks: At present, there is no indication or record of any historic *underground storage tanks (USTS)* or *aboveground storage tanks (ASTs)* being used to store petroleum hydrocarbons or hazardous materials.



1934 Aerial Photo of Airstrip: This photo shows camp McQuaide in relation to the Santa Cruz-Capitola Airport. The rows of tents in the foreground are Camp McQuaide, while the light area above it is the airport.

3.2 LOCAL GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

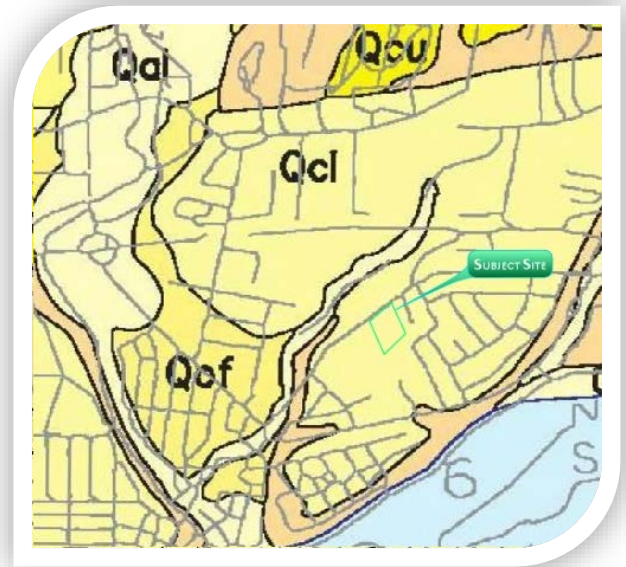
Regional geologic maps and reports indicate that surface soils underlying Site and the vicinity area generally consist of Pleistocene-aged coastal terrace deposits ('Qcl', see *Regional Geologic Map*⁴, below). These deposits are highly variable in depth and have been encountered up to 60 feet thick. They consist of moderately to poorly sorted silt, silty clay, sand and gravel. As the Site slopes down toward the Pacific Ocean (due South), coastal terrace deposits transition into Purisima Formation ('Tp'), which are very thick bedded yellowish-gray tuffaceous and diatomaceous siltstone. These Purisima formations have been documented to be approximately 3000 feet thick.

First-encountered, shallow groundwater beneath the Site is likely to be found at depths of approximately 10 to 15 ft below ground surface (bgs), based on monitoring well data in the vicinity of the site⁵, and generally assumed to flow in a southerly direction, toward the Pacific Ocean (see *Figure 1 – Location Map* for a large-scale topographic map of the area).

Three separate groundwater monitoring networks, that exist near the Site, were used to estimate depth to groundwater and groundwater flow direction. These networks all suggest a southerly groundwater flow direction and depth to groundwater between 10 and 15 ft below ground surface (bgs).

4.0 HISTORICAL REVIEW

Historical maps, telephone directories, and aerial photographs can be a valuable resource for determining obvious past uses of the property. These records can provide evidence of notable land use changes to the



Regional Geologic Map: Pleistocene-aged surficial deposits (Qcl) underlie the Site. Purisima formations (Tp) are present to the west, south and east of the Site.

⁴ *Geologic Map of Santa Cruz County, California*, E. E. Brabb, dated 1997.

⁵ Trinity Source Group, 3rd & 4th Quarter 2012 GW monitoring report, Redtrees Property, Dec 10, 2012
 - Cardno ERI, 2nd Quarter GW Monitoring Report 2012, June 27, 2012, and
 - Compliance & Closure, Inc, Semi-annual GW Monitoring Report 2013, April 3, 2013

property and potential clues of hazardous material storage (copies of these historical records are included in Appendix B). Land-use observations of these historical records are summarized below.

4.1 CITY TELEPHONE DIRECTORIES

Historical City Telephone Directories from 1976 through 2013 were available from a combination historical directory listing services. Copies of the reviewed listings are provided in Appendix B, under ‘EDR City Directory’. This records review did not **identify the occupants of the subject Site** as it has never had any permanent structures or address for the park in the directories.

Vicinity Land-Uses: This record check listed the occupants of the adjoining/vicinity parcels as follows. Commercial/industrial land-uses that could be a potential source of concern are highlighted in **boldface**. Upgradient, sidegradient and downgradient refer to the hydraulic position of the nearby property in relation to the subject Site.

VICINITY PROPERTY OCCUPANTS/BUSINESSES		
<i>Site Address</i>	<i>Year</i>	<i>Occupants</i>
620 Monterey Ave downgradient	2013	Soquel Elementary School District (Sidegradient)
	2008	“
	2003	“
	1999	“
	1995	“
	1992	“
	1985	“
	1980	“
	1976	“

All other adjacent properties are residences and have been since 1968 (see aerial photographs, section 4.3).

In summary, there were no directory records for the Site, due to its historical use as a park and as an undeveloped site. The adjoining and nearby property land-uses since 1976 have all been residential with very low potential for releases of hazardous materials that could affect the Site.

4.2 SANBORN FIRE INSURANCE MAPS

Sanborn fire insurance maps provide detailed snapshots of historical land-use within generally urban locations where an insurance company provided coverage. The Sanborn Map database was reviewed, but coverage was not available for this area.

4.3 AERIAL PHOTOGRAPHS

Twelve (12) historical aerial photographs ranging from 1943 through 2012 were obtained from EDR’s collection. These aerial photographs provide snapshots of historical land-usage over the last 79 years.

Copies of these same aerial photos are provided in Appendix B, which show more detail on the surrounding area than can be described in the summary descriptions below. The aerial photographs generally have approximate scales of 1 in = 500 ft. The following table summarizes land-use observations from the available aerial photographs.

YEAR	<u>ON-SITE</u> AERIAL PHOTO OBSERVATIONS	<u>OFF-SITE</u> AERIAL PHOTO OBSERVATIONS
1943	The site is currently an undeveloped lot	The surrounding area appears mostly undeveloped. To the southwest it is mostly residential, while to the northwest there appear to be orchards. To the Northeast an airstrip is visible, including what appears to be several parked planes. Just to the south of the site is what appears to be the remnants of Camp McQuaide.
1948	The site remains undeveloped	The surrounding area remains much as it was in the previous image. The airstrip now has more parked planes and the runways are more defined. Highway 1 is under construction.
1956	The site appears to have become agricultural, however poor image quality makes it difficult to determine.	The airstrip is gone and has been replaced by agriculture. Highway 1 has been completed and New Brighton Middle School has been built along the southwest border of the site.
1968	The site is once again undeveloped	The agriculture to the North and east has been replaced by residences, which fully surround the site. The area is almost entirely residential now
1974	The site remains undeveloped	The surrounding area remains much the same as the previous image. Many undeveloped parcels are being prepared for residences
1982	The site remains undeveloped	The surrounding area is much the same as the previous image
1993	The site now appears in its current state. The ball field and walking trail are clearly visible.	The surrounding area is much the same as the previous image
1998	The site is much the same as the previous image	The surrounding area is much the same as the previous image
2005	The site is much the same as the previous image	The surrounding area is much the same as the previous image

YEAR	<u>ON-SITE</u>	<u>OFF-SITE</u>
	AERIAL PHOTO OBSERVATIONS	AERIAL PHOTO OBSERVATIONS
2009	The site is much the same as the previous image	The surrounding area is much the same as the previous image
2010	The site is much the same as the previous image	The surrounding area is much the same as the previous image
2012	The site is much the same as the previous image	The surrounding area is much the same as the previous image

Historical aerial photographs taken between 1943 and 2012 indicate that the subject Site had remained undeveloped until at least 1956 when agriculture became present. Agriculture was replaced with an empty lot by 1968, which became the present day park in 1993.

Adjoining and vicinity land-use to the west has been predominantly residential housing throughout this period. To the north and east, an airstrip was present from at least 1943 until sometime before 1956, when it was replaced by agriculture. Agriculture gave way to residential housing sometime before 1968, which has remained to this day. To the south of the site, what appear to be the remnants of Camp McQuaide are visible until 1948 at the latest. Both the airstrip and agriculture land uses could have created contaminants of potential concern onsite due to their upgradient position

4.4 TOPOGRAPHIC MAPS

Historical topographic maps, which include the subject property and surrounding sites, were obtained and reviewed (see Appendix B). There is no evidence from these topographic maps of significant geophysical or hydrogeological changes at the Site or surrounding area that would indicate the potential for negative impacts to Site soil or groundwater conditions.

4.5 SUMMARY OF HISTORICAL REVIEW

In summary, on-Site historical land-use has a long history as an undeveloped site before becoming a park in 1993. There was a period between 1948 and 1968 that the Site may have been used for agriculture. The earliest available record (aerial photograph from 1943) depicts the site as an undeveloped lot adjacent to the old Santa Cruz-Capitola Airport. According to the City of Capitola, the airport was established in 1934.

Adjoining and vicinity land-uses have remained primarily residential to the west of the Site, whereas adjoining land to the north, south and east of the Site was originally a mixture of undeveloped and agricultural land. These all gave way to residential housing by 1968.

5.0 REGULATORY AGENCY INFORMATION

5.1 DATABASE SEARCH OF FEDERAL AND STATE ENVIRONMENTAL RECORDS

Records of hazardous material, petroleum products and waste storage, as well as unauthorized releases of said materials into the environment, are required by law to be maintained by regulatory agencies overseeing these environmental conditions. An information research firm specializing in environmental data collection, *Environmental Data Resources (EDR)*, generated a Radius Map Report for the Site (included in Appendix C). The Radius Map Report identifies sites listed in the selected regulatory databases, presents location maps and details on identified sites, provides a description of the Federal and State agency data reviewed, and limitations to the search. The search specifically documents sites having registered underground fuel storage tanks (UST's), hazardous waste generation, hazardous waste treatment-storage-disposal, and subsurface contamination. Search distances are per ASTM's E-1527 13 standard (see Appendix C for a list of all sites and full descriptions of all regulatory databases). The database search identified the following information for the target property and surrounding sites.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	0	NR	1
State and tribal landfill and/or solid waste disposal site lists								
SWFLF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	1	4	NR	NR	5
INDIAN LUST								
INDIAN LUST	0.500		0	0	0	NR	NR	0
SUC	0.500		0	0	2	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pts	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEETS UST	0.250		0	2	NR	NR	NR	2
HIST UST	0.250		0	2	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

NR = Not reviewed, as per the search distances established in ASTM 1527-13. This table was excerpted from the EDR Radius Report, provided in Appendix C.
 A full list of the databases reviewed is provided on page GR-1 of EDR's report. EDR updates many of these listings on a quarterly or semi-annual basis.

SUBJECT PROPERTY: The subject property ("Target property" in EDR Radius Report) **was not listed** in any regulatory databases.

SURROUNDING SITES: Our review of the EDR Radius Report revealed the following notable business operations / properties in the Site vicinity that have notable records of hazardous materials and/or petroleum hydrocarbon releases, waste generators and other notable regulated activities.

- **Federal Chemical/Fuel Release Sites:** The records search **did not identify any sites** located within a 1-mile radius from the subject Site that was listed on federal databases.
- **State Chemical/Fuel Release Sites:** The records search identified **one (1) site located within a ¼-mile radius** of the Site as having a record of a release of petroleum or other chemical based contaminant into soil or groundwater. This includes; Leaking Underground Storage Tanks (LUST), Cortese, Spills Leaks Investigations and Cleanup (SLIC), Comprehensive Environmental Response, Compensation, and Liability Information System (CERLIS) and Voluntary Cleanup Priority Listing (VCP). **The release is not within a ¼-mile radius** of the Site and has **obtained case closure** from an applicable regulatory overseeing agency. The release is upgradient of the site, but is separated by Noble Gulch Creek. A brief description of the release is given below.

FACILITY / LOCATION / DATABASE SOURCE(S)	DETAILS
<p>CITY OF CAPITOLA CORPORATION YARD 430 Kennedy Drive</p> <p><u>Databases Listed:</u> CUPA HIST UST AST LUST SWEEPS UST HIST CORTESE</p> <p><u>Distance:</u> 1014 feet north</p>	<p>SPILLS, LEAKS, INVESTIGATIONS AND CLEANUP (SLIC): CASE CLOSED</p> <p>The cleanup case was closed under local agency oversight (SCC-EHS) on July 28, 1992 when confirmation results for diesel and BTEX were deemed low enough for excavation and disposal of the contaminated soil. The leaking diesel tank was removed in 1990. Groundwater was not impacted at this site, and therefore it does not appear to pose any risk to groundwater quality beneath the subject Site.</p>

- **Underground Storage Tanks (USTs):** The database search of generally historical regulatory records **identified two (2) sites** located within a ¼-mile radius having a current or historical record of permitted UST's (UST, HIST UST, SWEEPS UST, Cal FID UST and/or Indian UST). They are both located hydraulically upgradient from the subject Site, but are separated from the Site by Noble Gulch Creek. *Note: these databases do not accurately indicate whether any active tank(s) are operational. Some entries may be omitted due to duplicative listings.*

- **Hazardous Waste:** The records search **identified two (2) sites** located within a ¼-mile radius as having records showing generation and proper disposal of hazardous waste, typically a waste oil or oily waste (CUPA, RCRA-SQG, RCRA-LQG, RCRA-NonGen, FINDS, Notify 65, EDR Proprietary Records). Both are hydraulically upgradient of the Site, but are separated by Noble Gulch Creek.
- **Dry Cleaners:** The records **did not identify any sites** operating as dry cleaners within ¼-mile radius.
- **Orphan Sites:** The EDR report lists **two (2)** unmapped sites (“*orphans*”) obtained from the list of databases, for which EDR was not able to determine an exact location. Upon further review, none of these listings appear to pertain to conditions of concern on properties that are hydraulically upgradient or adjoining to the subject Site.
- **Combined Regulated Hazardous Sites - ¼-Mile Radius Map (Figure 4):** A comprehensive radius map documenting nearby release sites, hazardous materials and waste management sites, UST/AST storage and other significant regulated environmental conditions, is presented on Figure 4.

5.2 GEOTRACKER / ENVIROSTOR FILE REVIEW

Records of hazardous materials storage and releases can also be found in state regulatory agency databases, such as the California *State Water Resources Control Board* Geotracker® database and *Department of Toxic Substances Control* EnviroStor® database. A review was conducted for records on the subject Site, vicinity properties, and additional sites identified in the Federal and State environmental database review detailed in Section 5.1.

- Our review of the California State GeoTracker database, conducted in September 2015, **did not reveal any additional sites** within a ¼-mile radius of the subject Site as having a record of a release of contamination to soil or groundwater (see Figure 4 – ‘Surrounding Site Regulatory Review’).

5.3 LOCAL OVERSIGHT AGENCY FILE REVIEWS

We submitted a file review requests to *Santa Cruz County Environmental Health Services (SCC-EHS)*. No records existed for the subject Site, but the following subsections provide details and notable observations for nearby sites (*See Appendix D for full reports*).

City of Capitola Corporate Yard Records: Records corresponding to the management of hazardous materials were present at SCC-EHS. The following summarizes our findings.

- **LUST Case Closure:** One letter, summarizing soil sampling results and file closure confirmation was in the SCC-EHS archives. A diesel tank was removed in 1990 from this site and found to be leaking. After testing the soil had slight detections of Diesel, but was deemed clean enough for use as fill. Excavation of impacted soil was completed and the case was closed in July 1992.

- **Hazardous Materials Management Plans (HMMP):** One complete HMMP with a hazardous materials inventory list was present in the SCC-EHS archives. This record was for the 1999-2000 period. The following hazardous materials and volumes were listed:
 - Diesel Fuel – 1000 gal tank
 - Unleaded Gasoline – 2000 gal tank
 - Acetylene Gas – 396 cu-ft
 - Hydraulic Fluid – 55 gal drum
 - Dextron transmission Oil – 55 gal drum
 - Motor Oil – 55 gal drum
 - Waste Oil – 55-gal drums
- **Certified Unified Program Agency (CUPA) – Hazardous Materials Inspections:** Local hazardous materials oversight agency inspection reports were available from 2002 through 2013. The following notable violations/comments were recorded during the inspections. There are repeated minor violations involving; proper logging of containment monitoring, labeling and signage, documentation of employee training, properly disposing of wastes and providing secondary containment. However, this site shows consistent improvement, with most subsequent inspections finding conditions improved from the previous one.
- **Wells/Septic Records:** We reviewed the SCC-EHS database for wells and septic tank system records for each of the three Site parcels. There were no entries listed for the Site in this database.

5.4 SUMMARY OF REGULATORY REVIEW

In summary, our review of regulatory databases and local/State agency record repositories revealed no records in connection with the site. For one offsite location, one (1) closed release investigation was reviewed, but it did not appear to constitute continued risk for the Site. The site had a release of diesel fuel from a leaking tank, which was mitigated by SCC-EHS. Since then, it has generally followed all regulatory requests for improvements. No additional locations appear to be of concern to the Site. An integrated summary and assessment all Phase I ESA findings is presented in *Section 10.0 – Findings & Opinions*.

6.0 SITE INSPECTION

6.1 OVERVIEW

A Site inspection was conducted on October 8, 2015, to note potential sources of contamination associated with on-site activities. A copy of the completed *Site Inspection Checklist*, which contains detailed documentation of the Site survey including a photographic record of the inspection, is presented in Appendix A.

SITE INSPECTION OBSERVATIONS

Subject Property Observations:

Current Use of Property	The Site is a roughly 4 acre public park that contains a baseball field surrounded by a earthen, walking path. The ball field has a dirt infield in the northeast corner of the lot. The surrounding area is residential to the North, East and South, with an elementary school to the West. The Site is relatively flat lying with a gentle slope to the south/southwest. There is a drainage ditch along the East and South edge of the site that terminates at the Southwest corner at a storm drain inlet.
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Potable Water Source	Drinking fountain that is on Municipal water supply
----------------------	---

Interior Drains? Where to?	NA
-------------------------------	----

Sewage Disposal Source	NA
------------------------	----

Pools of Liquid / Odors?	None observed
--------------------------	---------------

Hydraulic equipment?	None observed
----------------------	---------------

Storage tanks?	There are currently no active ASTs or USTs at the Site.
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Exterior Observations:

Pits, Ponds, Lagoons?	None observed
-----------------------	---------------

Stained soil or pavement?	No signs of significant spillage were observed.
---------------------------	---

Storm water discharge?	Municipal stormwater
------------------------	----------------------

Wells or Water Towers?	None observed
------------------------	---------------

Sumps?	None observed
--------	---------------

Electrical Infrastructure?	Some electrical equipment in the Northwest corner of Site
----------------------------	---

Hazardous Materials or Petroleum Products?	None Observed
---	---------------

Neighborhood Observations:

SITE INSPECTION OBSERVATIONS

Topography of property and vicinity	Flat-lying
Current uses of adjoining properties	West: New Brighton Middle School South: Residential East: Residential North: Residential

6.2 SUMMARY OF SITE INSPECTION

In summary, the site inspection demonstrated that the property is clear of any potential sources of contamination from surrounding areas. No infrastructure is present on the site to pose a potential problem.

7.0 USER QUESTIONNAIRE & INTERVIEWS

7.1 USER QUESTIONNAIRE

A *User Questionnaire* was completed by Mr. Rich Grunow, the Community Development Director with the City of Capitola, on October 27, 2015.

USER QUESTIONNAIRE SUMMARY

Reason for Performing ESA?	Personal Comfort Level
Environmental Liens?	No
Land-Use Limitations?	No
Any Specialized Knowledge of the Subject Site or Adjoining Properties?	No
Discounted Price Relative to Fair Market Value?	Not applicable, as the site is not planned for sale
Current or Historical Chemical/Hazardous Materials Usage?	No

USER QUESTIONNAIRE SUMMARY

Environmental and Title None
 Reports

The User indicated that the Phase I/II ESA is being completed for personal comfort before a new construction project begins on the site.

7.2 ADDITIONAL USER PROVIDED DOCUMENTATION

The User did not provide any additional information pertaining to hazardous materials or environmental conditions at the Site.

7.3 INTERVIEWS

The sight has remained a well-maintained, public park for over 20 years (since at least 1993). City staff familiar with the property have indicated they have no record of chemical storage or chemical releases to the subject property (see section 7.4 for additional details, and Appendix A for a copy of the user questionnaire).

7.4 SUMMARY OF QUESTIONNAIRE/INTERVIEW REVIEW

The *User Questionnaire* and *interviews* are intended to identify previous or current land-uses that may indicate environmental impacts, or provide further details regarding previously identified environmental impacts and regulatory release investigation cases. We were unable to interview any site personnel due to its history as a public park.

Copies of questionnaire documentation are included in Appendix A.

8.0 PHASE II SAMPLING PROGRAM

In order to address the *Recognized Environmental Conditions (RECs)* identified from the Phase I ESA research, we designed a soil sampling program that would focus on those concerns. We designed our sampling and analysis program to look for hazardous materials that are associated with the historical land-use as an airport and agricultural plot. The following is a complete list of sample analyses for this the Phase II investigation. Rationale for each analytical suite by each matrix (whether soil or groundwater) is also provided.

8.1 RATIONALE FOR SOIL ANALYTICAL SUITES

The following section explains our rationale for each analytical suite and method for targeting locations soil sampling and analysis.

- *Total Purgeable Petroleum Hydrocarbons (Gasoline Range) by LUFT-GC/MS*
 - » Due to the sites use as an airstrip, it is possible that various types of petroleum hydrocarbons were introduced to the soil. This analysis was also performed in order to achieve a lower laboratory reporting limit for gasoline range petroleum hydrocarbons.
- *Volatile Organic Compounds by EPA Method 8260B*
 - » “Volatile Organic Compounds” is a full analytical suite of organic compounds that have high vapor pressure at room temperature. These compounds are often created by the breakdown of petroleum hydrocarbons over time.
- *Organochlorine Pesticides by EPA Method 8081A*
 - » We analyzed soil samples for organochlorine pesticides in order to determine whether the historical agricultural uses at the Site during the late 1950s to 1960s resulted in subsurface contamination.
- *Metals by LUFT 5*
 - » This suite of metals includes; arsenic, cadmium, chromium (total), lead, nickel, and zinc.
 - » This metals analytical suite was selected in order to assess for waste from plane maintenance in the 1920s to the 1950s or waste from the artillery range at camp McQuaide from the 1920s to the 1930s.

This concludes our discussion of the Phase II sampling rationale and summary of analyses performed. The succeeding sections elaborate on the timeline of the field sampling, observations, and analytical results from the two rounds of subsurface soil and groundwater sampling.

8.2 FIELD INVESTIGATION: DRIVEN-PROBE BORINGS

On October 8, 2015, field staff (Dan Kocher, Weber, Hayes & Associates) mobilized to the Site in order to complete a round of hand driven probe borings.

- » *Shallow Soil Borings (EB-1A through EB-4A):* We advanced four (4) shallow borings to depths of 6”bgs each, for the purpose of collecting soil samples.

All driven probe borings and samples collected were conducted in accordance with our *Field Methodology for Shallow Soil Sampling* (included in Appendix E). Boring locations are depicted on Figures 5. Field notes and photo documentation are also included in Appendix E.

8.2.1 Laboratory Analytical Results: Soil (Tables 1-3 and Figure 5)

The laboratory analytical report (BC Labs WO #1508625, dated April 21, 2015 – see Appendix G) revealed the following. *Note:* All results are in milligrams per Kilogram (mg/Kg), which is equivalent to parts per million (ppm).

Total Petroleum Hydrocarbons (TPH) - Analytical Results (Table 1, Figure 5)

- **Diesel:** All four (4) samples had trace amounts of TPH Diesel, however these detections were all well below the residential ESL for diesel in shallow soil of 100 mg/Kg.
- **Motor/Hydraulic Oil:** All Four (4) samples had low-level detections of TPH as motor/hydraulic oil, ranging from 46 to 92 mg/Kg. All the samples were below the residential ESL of 100 mg/Kg.

Volatile Organic Compounds (VOCs) - Analytical Results (Table 1, Figure 5)

- No VOCs were detected above their laboratory reporting limits.

Metals - Analytical Results (Table 4, Figure 9)

- **Arsenic:** Detections of arsenic ranged from 3.3 to 6.8 mg/Kg. All of these detections exceed the residential/commercial ESL for arsenic, which is set at very low, risk-based thresholds of 0.39 and 1.6 mg/Kg, respectively. Another evaluation was recently completed to examine the natural background level of Arsenic in the Capitola area.
 - **Evaluation of Naturally Occurring Arsenic Background Concentrations:** A background sampling analysis of 28 shallow soil arsenic samples in Capitola found that arsenic occurs naturally in the Capitola area at a concentration of around 4.0 mg/Kg⁶. **This data indicates that the on-site concentrations of arsenic are higher than the naturally occurring background concentrations for this area of Capitola.**
- **Other Metals:** All other analyzed metals (cadmium, chromium, lead, nickel and zinc) had trace detections, but none exceeded their respective ESLs.

Organochlorine Pesticides - Analytical Results (Table 3, Figure 9)

- **Dieldrin:** All four (4) soil samples analyzed for OCPs contained relatively low-level detections of Dieldrin, ranging from 0.00062 to 0.0050 mg/Kg. Sample EB-4a had the highest Dieldrin, at 0.0050 mg/Kg, which is above the residential/commercial ESL for Dieldrin, 0.0023mg/Kg.

⁶ Weber-Hayes & Associates, Remedial Action Plan for McGregor Park, October 2015

- **Chlorodane:** All four (4) soil samples analyzed for OCPs contained relatively low-level detections of Chlorodane, ranging from 0.033 to 0.17 mg/Kg. None of these samples exceeded the residential ESL of 0.44mg/Kg.
- **DDD:** All four (4), soil samples analyzed for OCPs contained relatively low-level detections of DDD, ranging from 0.033 to 0.17 mg/Kg. None of these samples exceeded the residential ESL of 2.4mg/Kg.
- **DDE:** All four (4) soil samples analyzed for OCPs contained relatively low-level detections of DDE, ranging from 0.0005 to 0.0045 mg/Kg. None of these samples exceeded the residential ESL of 1.7mg/Kg.
- **DDT:** All four (4) soil samples analyzed for OCPs contained relatively low-level detections of DDT, ranging from 0.0008 to 0.0012 mg/Kg. None of these samples exceeded the residential ESL of 1.7mg/Kg.
- All other OCPs analyzed for were not detected

9.0 DATA GAPS

There were no data gaps.

10.0 FINDINGS & OPINIONS

10.1 SUBJECT SITE

The following environmental conditions were identified for the subject Site. These subsection(s) summarize the identified condition(s) and provide an opinion as to whether the condition is considered a *Recognized Environmental Condition (REC)*, a *Controlled Recognized Environmental Condition (CREC)*, a *Historical Recognized Environmental Condition (HREC)* or a *de minimis environmental condition*. Definitions for these terms are presented on page IV after the Table of Contents.

- **Historical Airstrip (~1920s-1950s):** As noted above, although historical land use maps and records do not show any actual buildings on the subject site (i.e., buildings/sheds/storage areas) it was nevertheless part of a large airstrip and artillery training ground. Based on our review of these historical records, the following potential concerns were identified:
 - » *Contaminants of Potential Concern (COPCs)* typically used at such facilities can include fuels, oils, solvents and metals.
 - » **Opinion:** Collectively, these historical conditions are **considered a historic recognized environmental condition (HREC)**.

- Agricultural Activity (1950s-1960s): The site operated during a period of time when a family of persistent pesticides were commonly used (i.e., DDT, toxaphene, Dieldrin). Future excavations could potentially re-exposed those contaminants
 - » ***Opinion:*** The site history includes agricultural site during an era when persistent pesticides were used. This land use is **considered a historic recognized environmental condition (HREC).**

10.2 ADJOINING / SURROUNDING

No Recognized Environmental Conditions (RECs) were identified in vicinity properties that could negatively impact the subject Site

10.3 PHASE II INVESTIGATION: FINDINGS AND OPINIONS

A Phase II shallow sampling and laboratory-testing program was completed to evaluate whether shallow soils that may be reworked during proposed redevelopment earthworks will need special handling. Redevelopment plans include construction of a concrete-encapsulated skatepark to replace a ¼-acre earthen mound located in the southwestern corner of the Site. The testing suites were designed to evaluate potential impacts associated with the two (2) Historical Recognized Environmental Conditions described above (i.e., historical land-uses involving both small airport and agricultural activities).

To evaluate historic land use, four (4) shallow soil samples (EB-1a through EB-4a) were collected from across the fill mound from a depth of 6-inches below ground surface and tested at a State-certified laboratory for as standard suite of analysis targeting the aforementioned land uses of concern. Specifically, lab analysis included fuels, volatile constituent fuel compounds, oils, metals and pesticides. The soil and groundwater sampling program results are discussed in detail in Section 8.0. Analytical results are presented on Figure 5 and Tables 1 through 3.

10.3.1 Phase II Soil Sampling Results

Two (2) of the four (4) shallow soil samples revealed concentrations of Arsenic above the naturally occurring background level and one (1) sample exceeded ESLs for Dieldrin. Specifically:

- EB-2a and EB-3a: All four (4) samples exceed the residential/commercial ESL for arsenic; however these two samples also exceeded estimated background concentrations for the area. A background analysis of arsenic in 28 shallow soil samples in the Capitola area yields a concentration of 4.0 mg/kg, while these samples were at 5.6 and 6.8mg/kg, respectively. To find the expected concentration for the Site, a 95 Percentile Upper Confidence Limit (95% UCL) calculation for all four (4) samples was completed, which found the concentration to be

6.8 mg/Kg (see Calculation Sheet 1 for this analysis)⁷. This data indicates that the on-site concentrations of arsenic are slightly above the naturally occurring background concentrations for this area of Capitola.

- » **Opinion:** These relatively low-concentration impacted soils can be safely incorporated into the proposed skatepark design plans (Appendix A), which includes encapsulation by concrete.
- **EB-4a:** Dieldrin was detected at a concentration of 0.0050 mg/Kg at a depth of 0.5 feet bgs, which slightly exceeds the leachable screening level (i.e., 0.0023 mg/kg), but does not exceed the human health (ingestion) based screening level of 0.034 mg/kg)⁸ for shallow soils.
 - » **Opinion:** These relatively low-concentration impacted soils can be safely incorporated into the proposed skatepark design plans (Appendix A), which includes encapsulation by concrete.

11.0 CONCLUSIONS & RECOMMENDATIONS

11.1 PHASE I INVESTIGATION CONCLUSIONS

We have performed a *Phase I Environmental Site Assessment* of the subject property in conformance with the scope and limitations of ASTM Practice E 1527-13, for Monterey Avenue Park, Capitola, California (the Site). There were no exceptions to, or deletions from, this practice (i.e. data gaps), as described in Section 9.0 of this report.

This assessment identified two (2) Historic *Recognized Environmental Conditions (HRECs)* in connection with the subject Site. As discussed in Section 10, the identified HRECs are; (1) Historical Airstrip (1920s to 1954) and (2) Agricultural Activity (1950s-1960s).

No other environmental conditions were identified for nearby locations.

11.2 PHASE II INVESTIGATION CONCLUSIONS AND RECOMMENDATIONS

Overall, field observations and laboratory results generated from this comprehensive Phase II sampling effort indicate there are no significant subsurface impacts. The sampling did reveal one area with

⁷ Note: This is only a preliminary estimate, as it is recommended to have at least eight samples before performing this analysis

⁸: *Environmental Screening Levels (ESLs): From Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final, December 2013).* The ESLs are intended to provide quantitative guidance on whether remediation of contamination is warranted. The ESLs used for in this table default to groundwater as a potential drinking water resource.

- http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml

concentrations of Dieldrin that exceeded the ESL for shallow soils (i.e., <4 feet deep). Additionally, all the sampling points showed exceedance of the ESL for Arsenic. However, that level is extremely low and is exceeded by naturally occurring arsenic concentrations in the area. A separate study nearby found that background levels for the area are around 4 mg/kg, which was still exceeded by half the samples.

The proposed skatepark design plans (Appendix A) include encapsulation by concrete. We recommend the design plans include placement of any of the low-concentration impacted soils beneath the concrete (i.e., capping the soils). The County of Santa Cruz Health Service Agency (SC-HSA) should be provided a copy of this report and a brief soil management plan to address any soil handling concerns during redevelopment construction.

12.0 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

This report and the associated work have been provided in accordance with the principles and practices generally employed by the local environmental consulting profession. This is in lieu of all other warranties, expressed or implied. This report has been prepared solely for our client. The assessment is provided so the client may make a more informed decision as to Site conditions. This report shall not be relied upon by or transferred to any other party, or used for any other purpose. *Weber, Hayes and Associates* will not distribute this report to any regulatory agency without the consent by the User, unless required by law or court order.

This ESA is not a regulatory compliance audit or an evaluation of the efficiency of the use of any hazardous materials at the Site. Unless otherwise stated, no evaluation for the presence of asbestos-containing building materials, lead-based paint, urea-formaldehyde foam insulation, or other potentially hazardous building materials; methane; radon gas; lead in drinking water; or wetlands, is included in our assessment.

Our findings and opinions are based on information collected from regulatory agency files and lists, interviews, and Site conditions at the time of our Site reconnaissance. Note that our findings and opinions are based on information that we obtained on specific dates through records review, Site reconnaissance, and related activities. It is possible that other information exists or subsequently has become known, just as it is possible for conditions we observed to have changed after our observations.

The accuracy and thoroughness of any environmental assessment depend on a variety of factors and optimally will include soil and groundwater sampling. *Weber, Hayes and Associates* cannot and will not provide guarantees, certifications or warranties that the investigated property is or is not free of environmental impairment. Any person who is aware of any *recognized environmental conditions* of the Site or surrounding areas that are different from those described in the report should report them immediately to this office for evaluation as part of an additional scope of work.

Thank you for this opportunity to be of service. Should you have any questions or comments regarding this project, please contact us at our offices.

APPENDIX E

Phase I/II Environmental Site Assessment

Monterey Avenue Park, Capitola

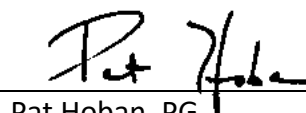
September 23, 2015 / Project 2X535

Respectfully submitted,

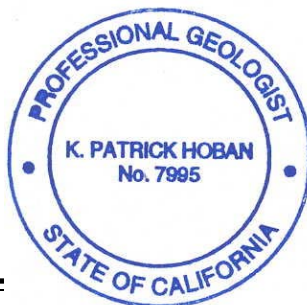
WEBER, HAYES AND ASSOCIATES

A California Corporation

By:



Pat Hoban, PG
Senior Geologist



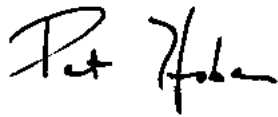
And: Sean Abbey
Staff Scientist

13.0 QUALIFICATION OF ENVIRONMENTAL PROFESSIONAL

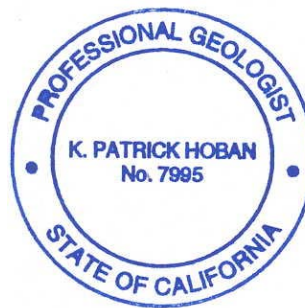
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10⁹ of this part.

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.

By



Pat Hoban
 Senior Geologist



⁹ ASTM Standard E 1527-13, X2.1.1 and Federal Register 40 CFR Part 312, §312.10:

Environmental Professional means:

- (1) A person who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases...on, at, in, or to a property, sufficient to meet the objectives and performance factors...
- (2) Such a person must:
 - (i) Hold a current Professional Engineer's or Professional Geologist's license or registration from a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) and have the equivalent of three (3) years of full-time relevant experience; or
 - (ii) Be licensed or certified by the federal government, a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries ... and have the equivalent of three (3) years of full-time relevant experience; or
 - (iii) Have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the equivalent of five (5) years of full-time relevant experience; or
 - (iv) Have the equivalent of ten (10) years of full-time relevant experience...

14.0 REFERENCES

ENVIRONMENTAL ASSESSMENT STANDARDS AND STATE/LOCAL INFORMATION SYSTEMS

ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2013

ASTM E2600-10, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, 2010.

State Water Resources Control Board Online "GeoTracker" Database, www.geotracker.swrcb.ca.gov, 2015.

California State Department of Toxic Substances Control Online "EnviroStor" Database, www.envirostor.dtsc.ca.gov/public/, 2015.

Santa Cruz County Geographic Information Systems (GIS) website, <http://gis.co.santa-cruz.ca.us/PublicGISWeb/>, 2015.

REGIONAL MAPS AND GEOLOGIC REFERENCES

The National Geologic Map Database, http://ngmdb.usgs.gov/ngmdb/ngmdb_home.html, 2015.

Geologic Map of Santa Cruz County, California, E. E. Brabb, dated 1997.

ON SITE RECORDS AND REPORTS

Weber-Hayes & Associates, Remedial Action Plan for McGregor Park, October 2015

NEARBY PROPERTY RECORDS AND REPORTS

Trinity Source Group, *3rd & 4th quarter 2012 GW monitoring Report*, Redtrees Property, Dec 10, 2012

Cardno ERI, *2nd Quarter GW monitoring Report 2012*, June 27, 2012

Compliance & Closure, Inc, *Semi-annual GW Monitoring Report 2013*, April 3, 2013

Santa Cruz County Environmental Health Department, *Hazardous Material Management plan for City of Capitola Corporate Yard*, Jan 27, 1999

Santa Cruz County Environmental Health Department, *CUPA Inspection Reports for City of Capitola Corporate Yard*, 2002 - 2013

Santa Cruz County Environmental Health Department, *LUST remediation letter for City of Capitola Corporate Yard*, 1/28/1992

FIGURES

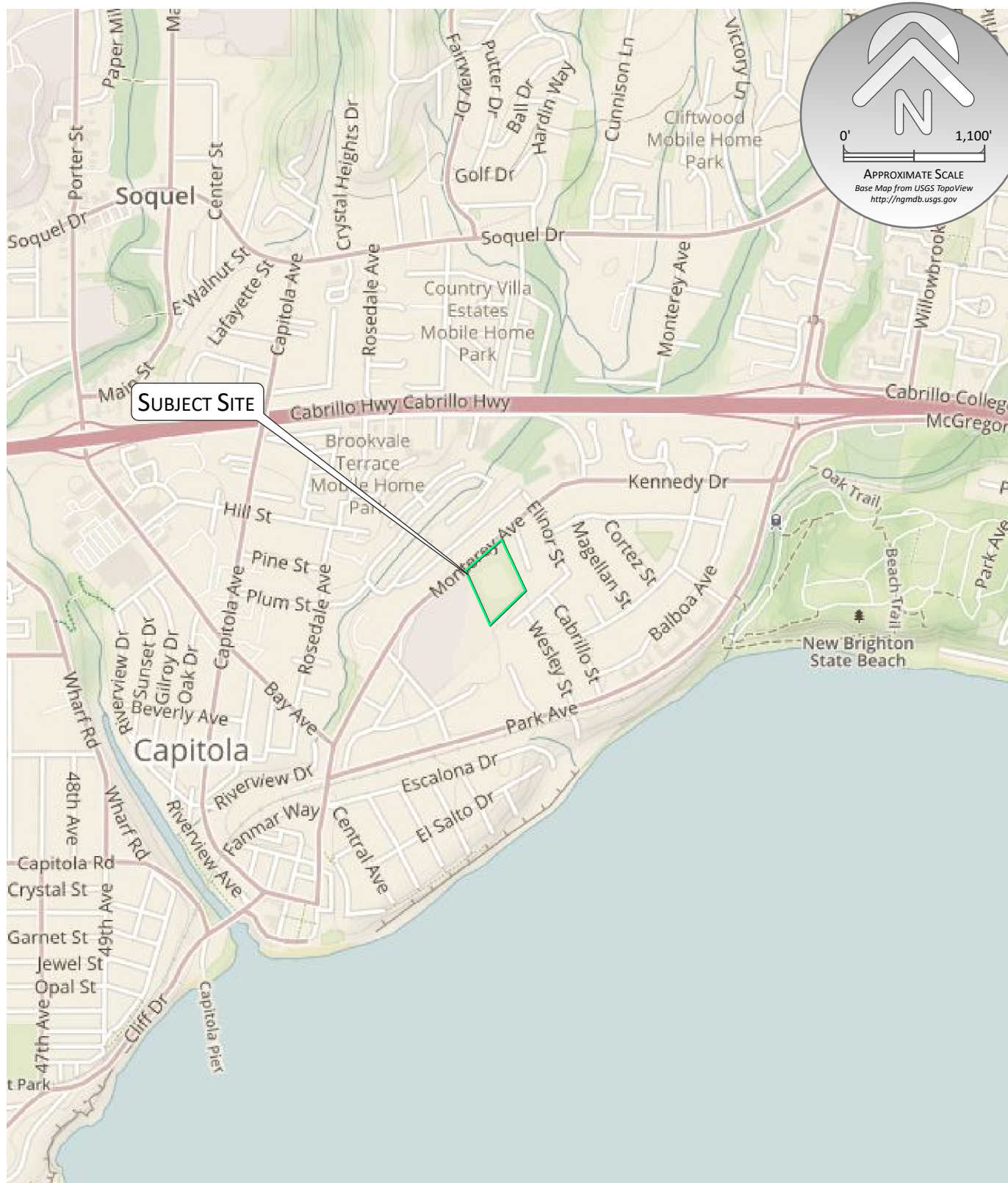
FIGURE 1: *Location Map*

FIGURE 2: *Vicinity Map*

FIGURE 3: *Site Map – Current Layout*

FIGURE 4: *Regulated Hazardous Sites Map*

FIGURE 5: *Soil Analytical Results*



LOCATION MAP PHASE I/II ENVIRONMENTAL SITE ASSESSMENT

SITE: MONTEREY AVENUE PARK
 ADDRESS: MONTEREY AVE, CAPITOLA, CA

DATE: SEPT 2015

REVISIONS/NOTES:

FIGURE
1
 Project
 2X535



VICINITY MAP
PHASE I/II ENVIRONMENTAL SITE ASSESSMENT

SITE: MONTEREY AVE PARK
ADDRESS: MONTEREY AVE, CAPITOLA, CA

DATE: SEPTEMBER 2015

REVISIONS/NOTES:



WEBER, HAYES & ASSOCIATES
Hydrogeology and Environmental Engineering
120 Westgate Drive, Watsonville, CA
831.722.3580 / www.weber-hayes.com

FIGURE 2
Project 2X535

FIGURE 3
Project 2X535

SITE MAP
PHASE I/II ENVIRONMENTAL SITE ASSESSMENT

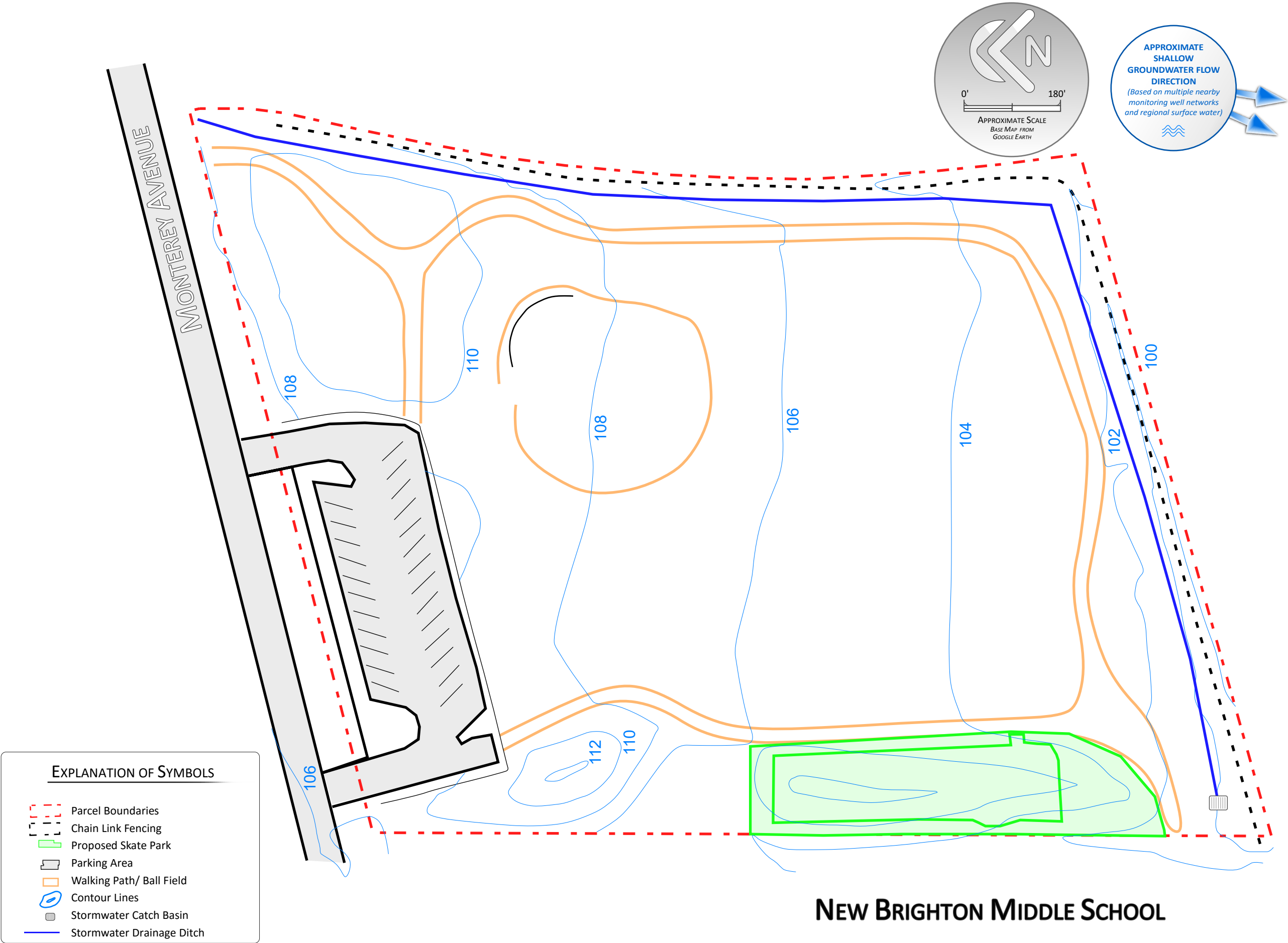
SITE: MONTEREY AVE PARK
ADDRESS: MONTEREY AVE, CAPITOLA, CA

DATE: SEPTEMBER 2015

REVISIONS/NOTES:



WEBER, HAYES & ASSOCIATES
Hydrogeology and Environmental Engineering
120 Westgate Drive, Watsonville, CA
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NEW BRIGHTON MIDDLE SCHOOL

FIGURE 4
Project 2X535

REGULATED HAZARDOUS SITES - 1/4 MILE RADIUS
PHASE I/II ENVIRONMENTAL SITE ASSESSMENT

SITE: MONTEREY AVENUE PARK
ADDRESS: MONTEREY AVE, CAPITOLA, CA

DATE: SEPTEMBER 2015 REVISIONS/NOTES: :



WEBER, HAYES & ASSOCIATES
Hydrogeology and Environmental Engineering
120 Westgate Drive, Watsonville, CA
831.722.3580 / www.weber-hayes.com

SURROUNDING SITES

1	430 Kennedy Dr - City of Capitola Corporate Yard
2	410 Kennedy Dr - Central Fire Protection District #3
3	933 Chittenden Ln - Alpha Machine Company
4	310 Kennedy Dr - Earthworks Paving Contractor
5	1027 Rosedale Ave - Former Seven Up Bottling Company
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

These are primarily historical and ongoing fuel and chemical release and/or hazardous waste generator sites within a 1/4-mile radius around the subject Site. See Section 5 of the report and Appendix C for further details. Please note that we have reviewed the placement of these regulated sites and adjusted some that were shown inaccurately on the State GeoTracker website.

EXPLANATION OF SYMBOLS

- Ongoing Leaking Underground Storage Tank (LUST) Case
- Regulatory Closure
- Ongoing Remedial Action
- Ongoing SLIC or ENVIROSTOR Cleanup site
- Regulatory Closure
- Ongoing Remedial Action
- Open National Priorities List or CERCLIS (Superfund) site
- Delisted or NFRAP site
- Proposed NPL site
- RCRA Generators & Corrective Action (Resource Conservation & Recovery Act) site
- RCRA CORRACTS
- RCRA-LQG (large qty generator)
- RCRA-SQG (small qty generator)
- Underground Storage Tank (UST)
- CUPA Hazardous Materials site: these are adjoining sites that have a Hazardous Materials Management Plan on file with the county.
- Aboveground Storage Tank (AST)
- DTSC Voluntary Cleanup site
- Landfill or Solid Waste Disposal site

FEDERAL RECORDS WIDE RADIUS SITES		
Database	1/2 mile	1 mile
National Priorities List sites (NPL or Superfund)	0	0
CERCLIS-NFRAP (No Further Remedial Action Planned)	0	--
RCRA CORRACTS (No Further Remedial Action Planned)	0	0
STATE RECORDS WIDE RADIUS SITES		
ENVIROSTOR	0	10
RESPONSE	0	--
LUST / SLIC sites	1	--
Voluntary Cleanup (VCP) sites	0	--
Landfill sites	0	--

FIGURE 5
Project 2X535

SOIL RESULTS MAP
PHASE I/II ENVIRONMENTAL SITE ASSESSMENT

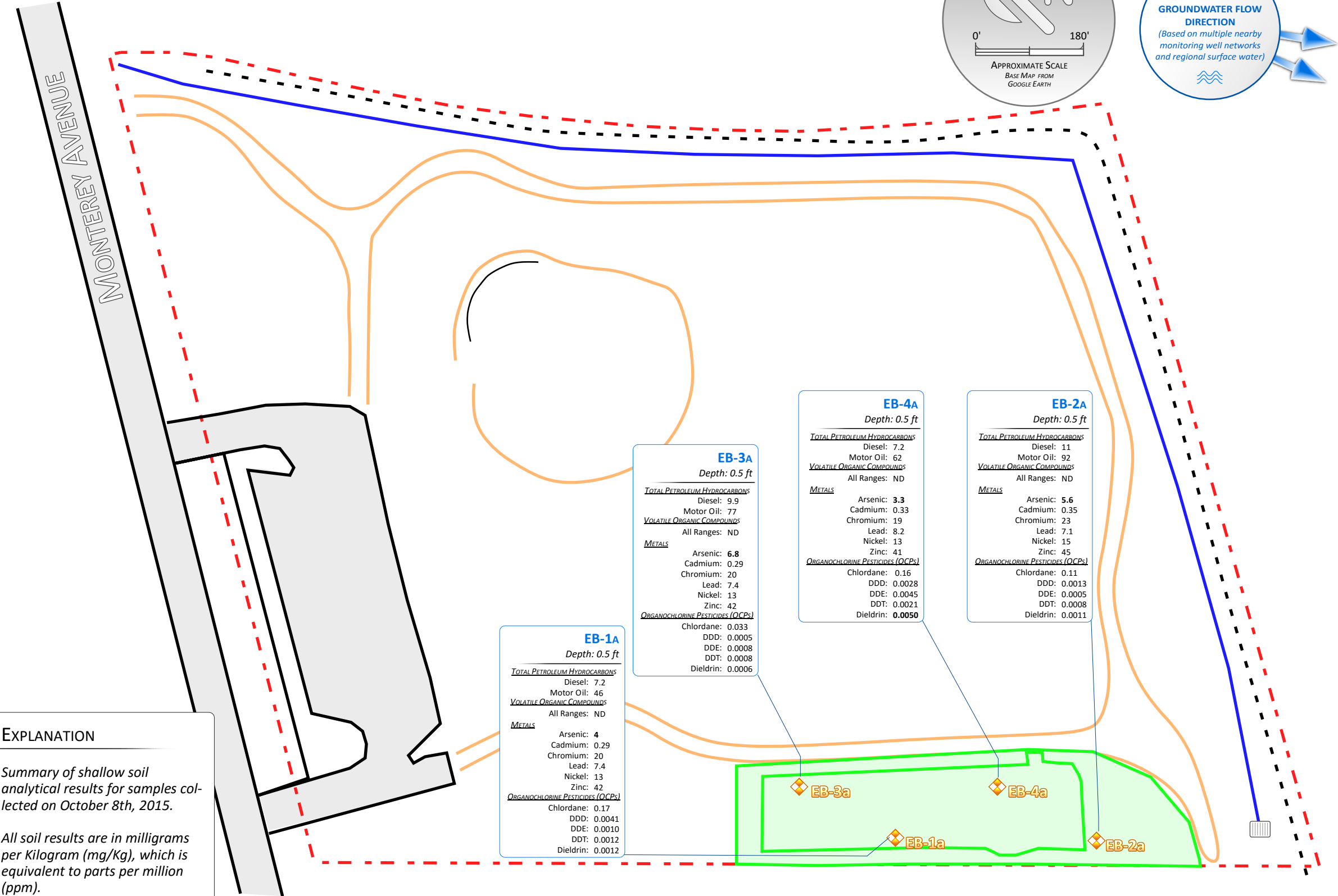
SITE: MONTEREY AVE PARK
ADDRESS: MONTEREY AVE, CAPITOLA, CA

REVISIONS/NOTES:

DATE: OCTOBER 2015



WEBER, HAYES & ASSOCIATES
Hydrogeology and Environmental Engineering
120 Westgate Drive, Watsonville, CA
831.722.3580 / www.weber-hayes.com



TABLES

TABLE 1: *Soil Analytical Results: TPH & VOCs*

TABLE 2: *Soil Analytical Results: Metals*

CALCULATION SHEET 1: *Background Arsenic Calculations*

TABLE 3: *Soil Analytical Results: Organochlorine Pesticides*

Table 1
Soil - VOC Analytical Results
Monterey Avenue Park, Capitola

All soil results are in milligrams per Kilogram (mg/Kg)

Sample Information			Laboratory Analytical results							
			Total Petroleum Hydrocarbons as DIESEL	Total Petroleum Hydrocarbons as MOTOR OIL	Volatile Organic Compounds (VOCs) by EPA Method 8260B					
					Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Other VOCs
EB-1a	10/8/2015	0.5	7.2 ^J	46	ND	ND	ND	ND	ND	All ND
EB-2a	10/8/2015	0.5	11	92	ND	ND	ND	ND	ND	All ND
EB-3a	10/8/2015	0.5	9.9 ^J	77	ND	ND	ND	ND	ND	All ND
EB-4a	10/8/2015	0.5	7.2 ^J	62	ND	ND	ND	ND	ND	All ND
Laboratory Practical Quantitation Limit (PQL)			10	20	0.0050	0.0050	0.0050	0.010	0.0050	Various
Environmental Screening Levels ⁽¹⁾ Residential / Industrial (Shallow Soils = < 9.8 ft)			100 / 110	100 / 500	0.044 / 0.044	2.9 / 2.9	3.3 / 3.3	2.3 / 2.3	0.023 /0.023	Various

Notes

1 = Environmental Screening Levels (ESLs): from *User's Guide: Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, set by the San Francisco Bay Regional Water Quality Control Board (Interim Final, December 2013). The ESLs are intended to provide quantitative risk-based guidance on whether further assessment or remediation of contamination is warranted. The ESLs used in this table were obtained from the above referenced document, Table A. Shallow Soils (<3m), Groundwater IS a current or potential Source of Drinking Water.

ND = Analyte not detected above the laboratory Method Detection Limit (MDL).

J = Laboratory reports that the detection value is between MDL and PQL, and should be considered to be an estimate.

BOLD = Analytical result above ESL.

Table 2
Soil - Metal Analytical Results
Monterey Avenue Park, Capitola, CA

All soil results are in milligrams per Kilogram (mg/Kg)

Sample Information			Metals <i>by EPA-6020</i>					
<i>Sample ID</i>	<i>Sample Date</i>	<i>Depth (ft)</i>	<i>Arsenic</i>	<i>Cadmium</i>	<i>Chromium</i>	<i>Lead</i>	<i>Nickel</i>	<i>Zinc</i>
EB-1A	10/8/2015	0.5	4	0.29	20	7.4	13	42
EB-2A	10/8/2015	0.5	5.6	0.35	23	7.1	15	45
EB-3A	10/8/2015	0.5	6.8	0.3	18	6.6	14	44
EB-4A	10/8/2015	0.5	3.3	0.33	19	8.2	13	41
Laboratory Practical Quantitation Limit (PQL)			0.5	0.25	0.75	0.25	0.50	1.3
Environmental Screening Levels (ESLs) ⁽¹⁾ Residential / Industrial (Shallow Soils = < 9.8 ft, Tier 1 Levels)			0.39 / 1.6 4.0*	12 / 12	1,000 / 2,500	80 / 320	150 / 150	600 / 600
ESLs - Ecological Receptors Residential / Industrial			20 / 40					

Notes

1 = Environmental Screening Levels (ESLs): from Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final, December 2013). The ESLs are intended to provide quantitative guidance on whether remediation of contamination is warranted. The ESLs used in this table were obtained from the above referenced document, Table A. Shallow Soils (<3m), Groundwater IS a current or potential Source of Drinking Water.

* = A background sampling analysis of 28 shallow soil arsenic sample found that arsenic occurs naturally in the Capitola area at a concentration of around 4.0 mg/Kg . Analysis of the 95% Upper Confidence Limit for arsenic collected from the 4 on-site samples yields a concentration of 6.8 mg/kg (see Appendix F of this report for reference and 95% UCL analysis). The data confirms **that the on-site concentrations of arsenic fall above the range of naturally occurring background concentrations for this area of Capitola.**

BOLD = Analytical result above ESL.

Calculation Sheet 1
Arsenic Level in Monterey Avenue Skate Park
ProUCL Statistics
 Monterey Avenue Park, Capitola

APPENDIX E

<i>Sample</i>	<i>Sample</i>	<i>Arsenic</i>
EB-1A	10/8/2015	4
EB-2A	10/8/2015	5.6
EB-3A	10/8/2015	6.8
EB-4A	10/8/2015	3.3

General Statistics

Total Number of Observations	4	Number of Distinct Observations	4
		Number of Missing Observations	0
Minimum	3.3	Mean	4.925
Maximum	6.8	Median	4.8
SD	1.578	SD of logged Data	0.326
Coefficient of Variation	0.32	Skewness	0.308

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.

For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).
 Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0

Normal GOF Test

Shapiro Wilk Test Statistic	0.957
5% Shapiro Wilk Critical Value	0.748
Lilliefors Test Statistic	0.221
5% Lilliefors Critical Value	0.443

Shapiro Wilk GOF Test

Data appear Normal at 5% Significance Level

Lilliefors GOF Test

Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL

95% Student's-t UCL 6.781

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 6.353

95% Modified-t UCL (Johnson-1978) 6.802

Suggested UCL to Use

95% Student's-t UCL 6.781

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

Table 3

Soil - Organochlorine Pesticides Results

Monterey Avenue Park, Capitola, CA

All OCP results in milligrams per Kilogram (mg/Kg)

Sample Identification	Sample Date	Sample Depth (ft, bgs)	Total OCPs by EPA Method 8081A					
			Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	All other OCPs
EB-1A	10/8/2015	0.5	0.17	0.0041	0.00097 ^J	0.0012	0.0012	ND
EB-2A	10/8/2015	0.5	0.11	0.0013	0.0005 ^J	0.00083 ^J	0.0011	ND
EB-3A	10/8/2015	0.5	0.033 ^J	0.00046 ^J	0.00077 ^J	0.0008 ^J	0.00062 ^J	ND
EB-4A	10/8/2015	0.5	0.16	0.0028	0.0045	0.0021	0.0050	ND
Laboratory Practical Quantitation Limit (PQL)			0.10	0.0010	0.0010	0.0010	0.0010	
Residential / Commercial Environmental Screening Levels (ESLs) ¹			0.44 / 1.7	2.4 / 10	1.7 / 4.0	1.7 / 4.0	0.0023 / 0.0023	

NOTES:

Units = All values are in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm) unless indicated otherwise.

bgs = below ground surface

BOLD = Analytical result above ESL.

1 = **Environmental Screening Levels (ESLs)**: from Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final, December 2013). The ESLs are intended to provide quantitative guidance on whether remediation of contamination is warranted. The ESLs used in this table were obtained from the above referenced document, Table A.

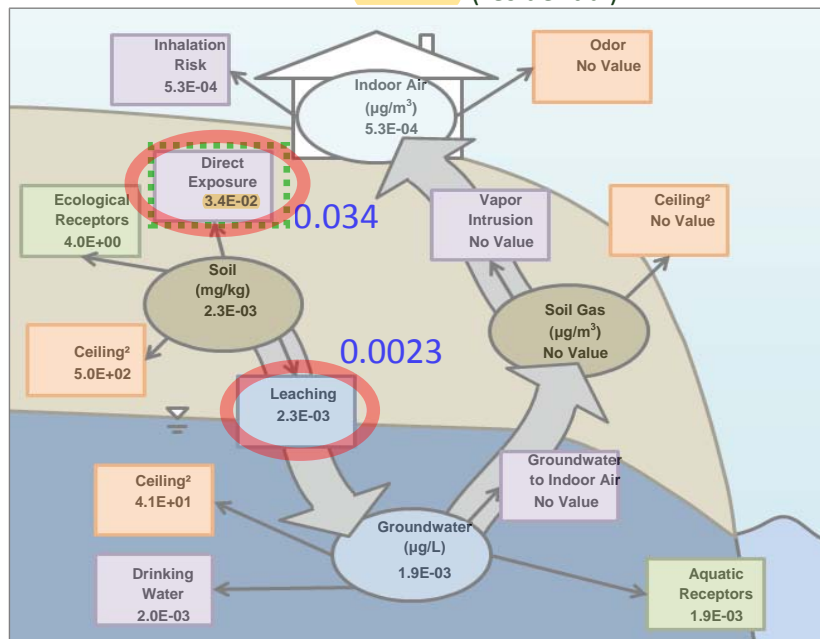
J = Laboratory note indicating a value that is below the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL), and is therefore an estimated value.

ND = Not detected at or above the Method Detection Limit (MDL).

Note: Dieldrin ESL based on leaching potential. The health-based (ingestion) threshold is
- 0.034 mg/kg for residential (unrestricted) land use, &
- 0.13 mg/kg for commercial land use

Environmental Screening Levels for Specific Concerns

Dieldrin (residential)



Scenario Assumptions:

Residential (default)
Shallow Soil (default)
Drinking Water Resource (default)
Fine-Coarse Mix (default)

Legend:

Purple - Human Health Risk
Green - Ecological Risk
Orange - Odor/Nuisance

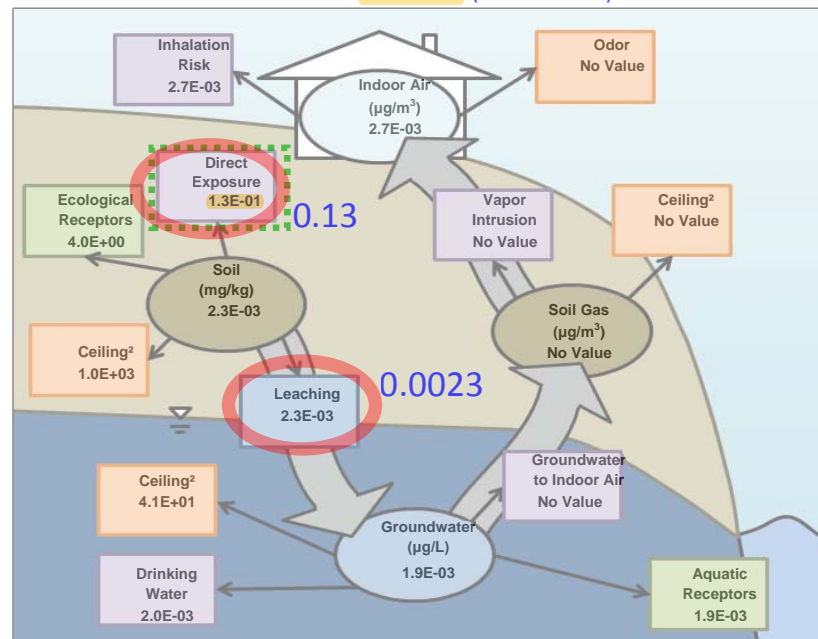
¹ Direct exposure includes dermal contact, inhalation, and ingestion

² Ceiling Level is the lowest of the Nuisance Odor/Taste threshold (with an attenuation factor for soil gas), the soil saturation limit, 1/2 of the solubility, or 50,000 µg/L for groundwater.

APPENDIX E

Environmental Screening Levels for Specific Concerns

Dieldrin (commercial)



Scenario Assumptions:

Commercial or Industrial
Shallow Soil (default)
Drinking Water Resource (default)
Fine-Coarse Mix (default)

Legend:

Purple - Human Health Risk
Green - Ecological Risk
Orange - Odor/Nuisance

¹ Direct exposure includes dermal contact, inhalation, and ingestion

² Ceiling Level is the lowest of the Nuisance Odor/Taste threshold (with an attenuation factor for soil gas), the soil saturation limit, 1/2 of the solubility, or 50,000 µg/L for groundwater.

APPENDIX A

COLLECTED *PHASE I* ESA INFORMATION

- **Site Inspection Checklist with Photo Sheets**
- **Land Use Questionnaire**
- **Interviewing Documentation**



Weber, Hayes & Associates
 Hydrogeology and Environmental Engineering
 120 Westgate Drive, Watsonville, CA 95076
 (831) 722-3580 // www.weber-hayes.com

Phase I Environmental Site Assessment

Site Inspection Checklist

Objective: To visually evaluate and document the extent of the target property(ies) for the likely presence of recognized environmental conditions. Photodocumentation gathered during the site inspection are appended at the end of this form.

Site/Facility Name: Monterey Ave Park
 Site Address: Monterey Avenue, Capitola, CA 95010
 Site Contact: _____

1. **Current Uses of the Property:** To include (1) general description of the facility & commercial or industrial processes therein, (2) topography, (3) site improvements [# of buildings, size/age/condition], (4) occupants/vacancies and the nature of business operations, and (5) any indications of past site use.

The site is a roughly — Acre public park that is surrounded by residential housing to the North, East and South with an elementary school to the West. There is a ball field on the North east corner. Site is relatively flat lying with a south by south west grading. No structures are currently present on site, aside from a baseball cage. Along the East and South border, there is a drainage ditch that terminates in a storm drain inlet.

Project #: ~~2540~~ 2535
 Date: 10/8/15
 Inspector: Sean Abbey

2. Site Infrastructure:YesNoNotes:

- Any wells, water tanks or water towers?
- Boiler rooms?
- Electrical transformers?
- Septic System?
- Drainage wells or dry wells?

☐☒☐☒☐☒☐☒☐☒

Note observations and data for heating sources, water supply source(s), solid waste disposal and electrical systems.

3. Evidence of Hazardous Materials Storage & Use (check appropriate):YesNo

- Haz-mat storage area(s)? Location?
- Abandoned drums or containers?
- Aboveground Storage Tanks?
- Underground Storage Tanks?
- Fuel or Chemical Dispensing Equipment or vent piping?
- Pools of liquid? Characteristics?
- Sumps, oil/water separators and collection pits?
- Unusual Odors, staining or distressed vegetation?

☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒☐☒

Project #: ~~27540~~ 2x535Date: 10/6/15Inspector: Sean Abbey

HAZ-MAT CONTINUED:

4. Exterior Observations:

- Exterior surface coverings? (describe condition, type, % native soils)
- Paving patches/staining?
- Manholes/utility covers?
- Any stacks or HVAC units visible on roof?
- Mounds or depressions?
- Do surface water catch basins drain?
- Any ditches or drainages? (If flow is present, identify the source)

YesNo☐☒☒☐☐☒☐☒☒☐☐☒☒☐

• The site has two mounds along the west side of the park. The proposed skate park is going to be on one, with another just north of it.

• Drainage ditch is present along the East and South border of the site. Terminates in a storm drain inlet.

Project #: 2x585Date: 10/8/15Inspector: Sean Abbey

5. Interior Observations:YesNo

- Maintenance Areas?
- Hydraulic equipment?
- Interior floor staining, cracking or patching?
- Interior floor drains? Outlet Sump?
- Interior floor integrity (good, satisfactory or poor)?

☐
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NA

6. Describe Adjoining Site Land Uses and Note Any Areas of Concern:

- All residential to the North, East and South.
- Elementary school along the west border.
- No areas of concern.

7. Any inaccessible Areas of the Property:

No

Project #: 2x535

Date: 10/8/15

Inspector: Sean Abbey

ADDITIONAL INFORMATION OBTAINED & UTILIZED DURING SITE INSPECTION

	Yes	No
Photo Sheets	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hazardous Materials Management Plans (HMMP)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Previous Reports/Inspections	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>

Project #: 2x535
Date: 10/8/15
Inspector: Sean Abbey

APPENDIX E



Facing South From Monterey Avenue



Facing West towards Parking Lot

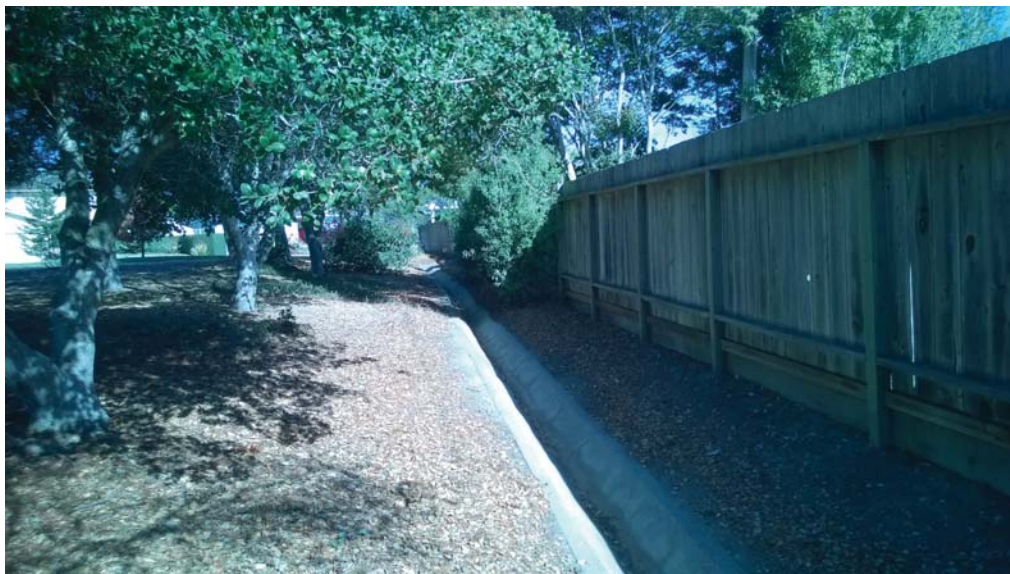


Facing South, New Brighton Middle School in background



Facing East, towards residential neighborhoods

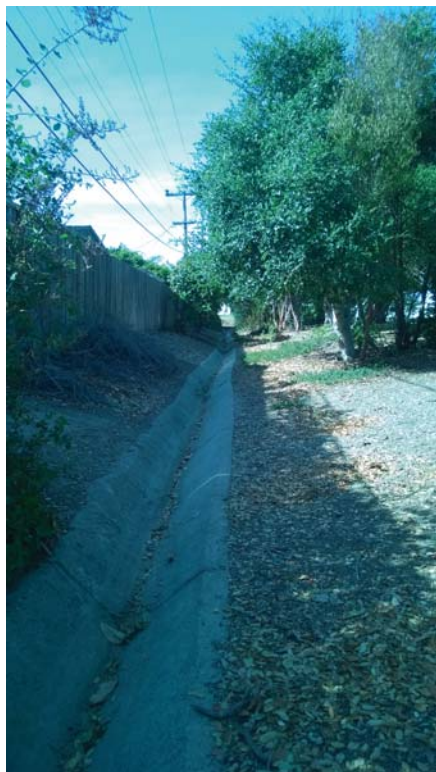
APPENDIX E



Drainage Ditch flowing from Monterey Ave



Drainage Ditch turning toward New Brighton Middle School



Drainage Ditch
Flowing away
from Monterey
Ave



Drainage Ditch
Terminating at
Stormdrain Inlet,
Middle school in
Background

APPENDIX E



View Facing North, towards Monterey Ave



Mound Slope towards New Brighton Middle School

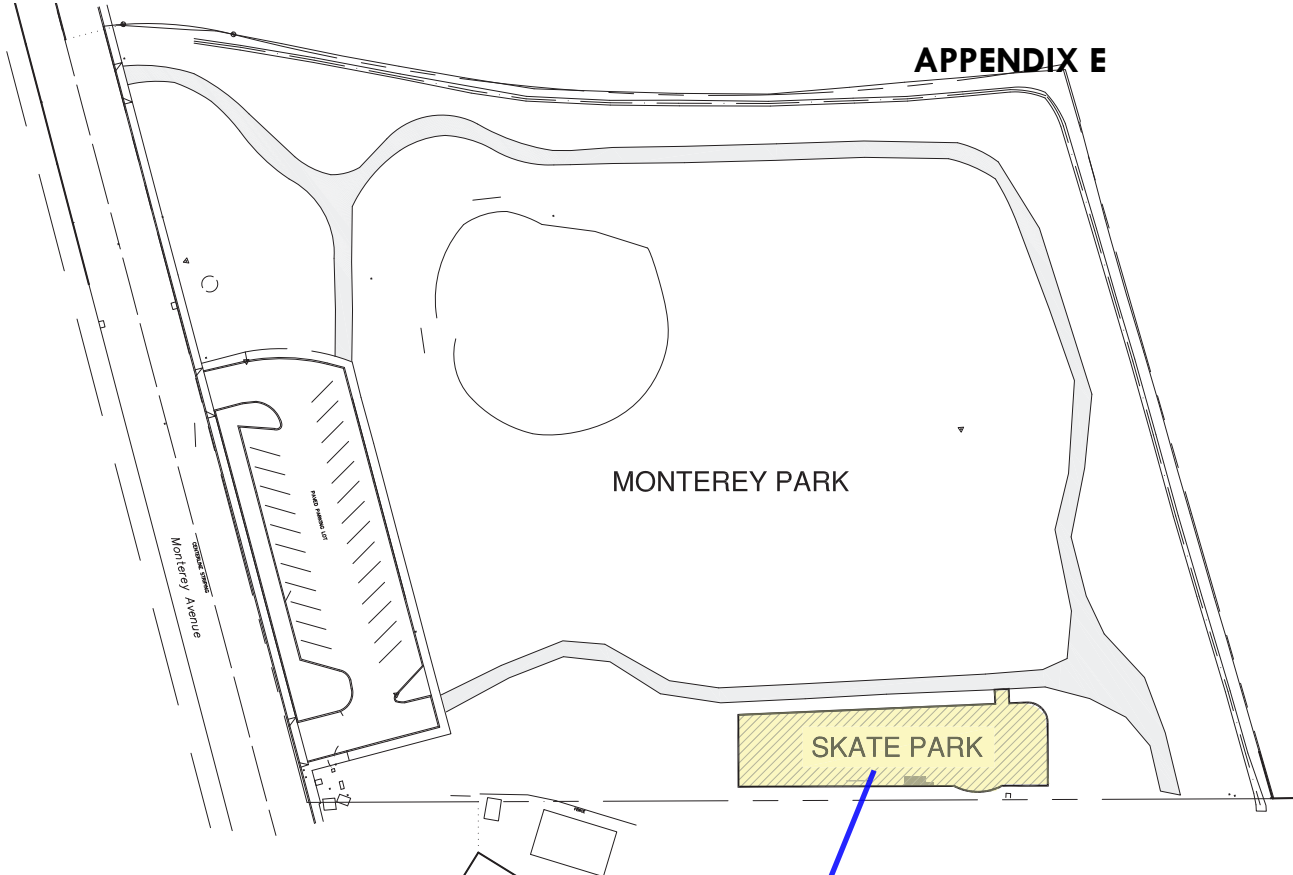


Mound that currently resides proposed Skate Park Area

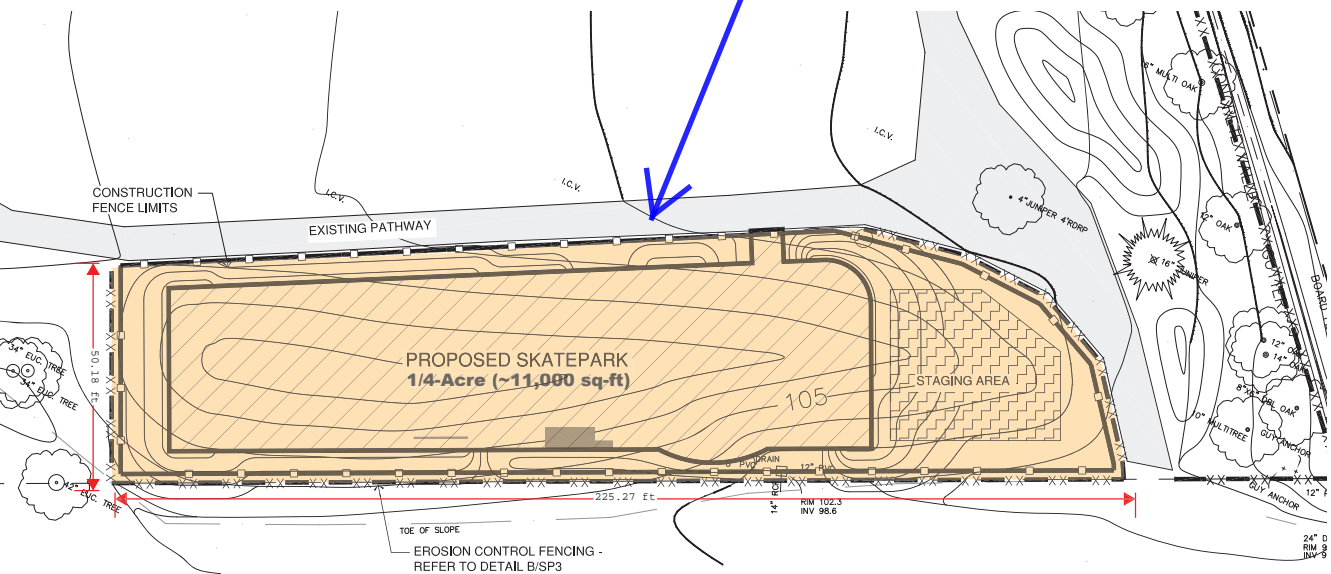


Mound Slope towards Monterey Ave Park

APPENDIX E



Capitola Monterey Park Proposed Skatepark (1/4-acre redevelopment)



MONTEREY AVENUE SKATEPARK

MONTEREY PARK

POURED-IN-PLACE CONCRETE

CAPITOLA, CALIFORNIA

REVISIONS

REV.	DATE	DESCRIPTION
	5/5/2015	City Comments

SHEET NAME:

SKATEPARK
LAYOUT PLAN

DRAWN BY: TAM
CHECKED BY: TAM
ISSUE DATE: 04/15/2015
JOB NO.: 1922

SHEET:

SP4

OF 9

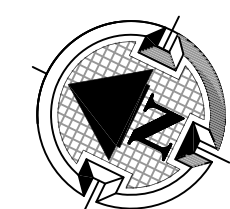
PERMIT SET

LAYOUT LEGEND

SYM	DESCRIPTION
	SKATEPARK LIMITS OF CONSTRUCTION
R	RADIUS AS INDICATED
T	TRANSITION AS INDICATED
L	LENGTH AS INDICATED
CB	CHORD BEARING AS INDICATED
CD	CHORD DISTANCE AS INDICATED
	STEEL FLAT RAIL / RAILING AS INDICATED
	PROPOSED FLOOR DRAIN
	BOTTOM OF TRANSITION RAMP
	STEEL COPING
	8 FT. BLACK VINYL COATED CHAIN LINK FENCE - REFER TO DETAIL M/SP9

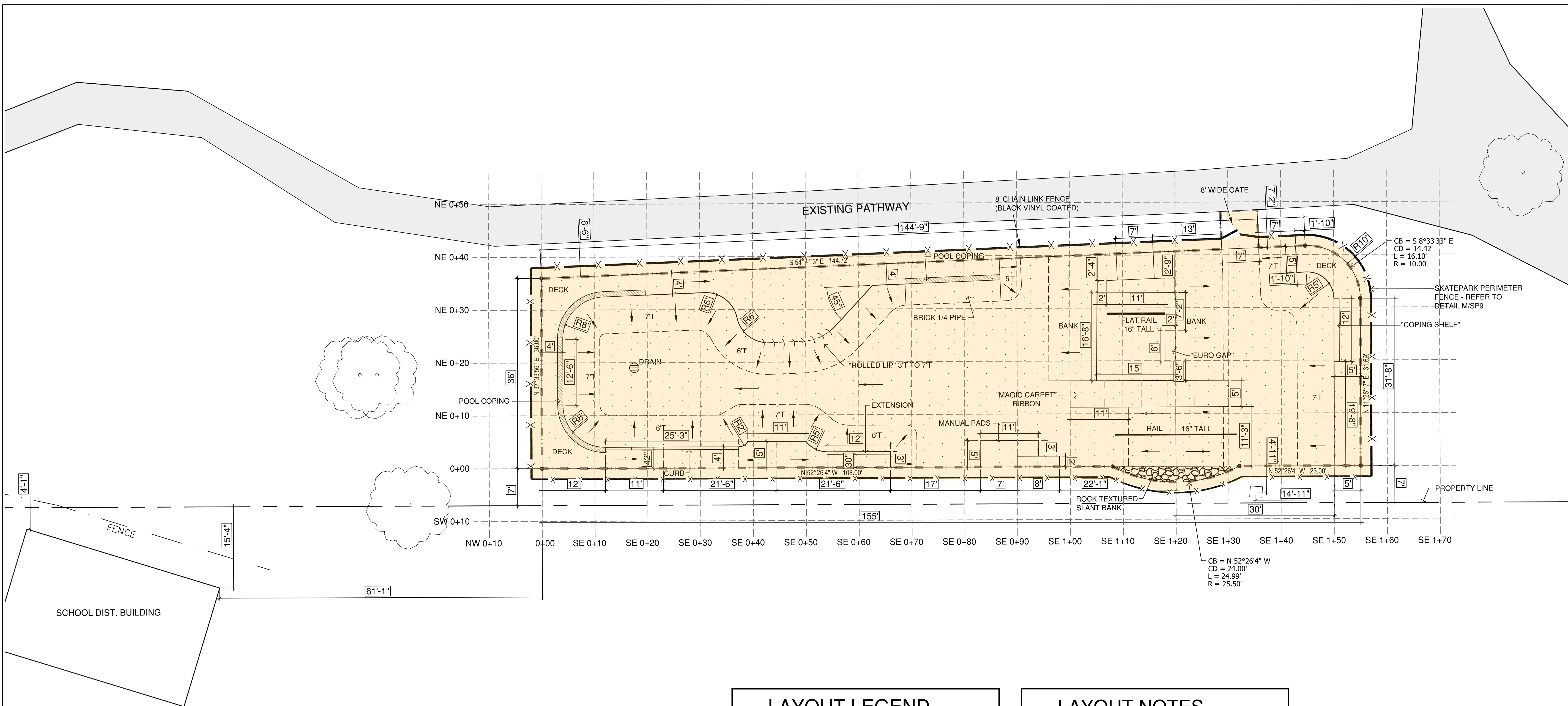
LAYOUT NOTES

- ALL TRANSITIONS OF WALKS AND CURBS SHALL BE CONSTRUCTED TO A SMOOTH CURVE. ALL ADJUSTMENTS OF THE "LAYOUT" SHALL BE APPROVED BY CITY OF CAPITOLA PRIOR TO CONSTRUCTION.
- SKATEPARK CONTRACTOR RESPONSIBLE FOR SKATEPARK LAYOUT. FINAL APPROVAL REQUIRED BY CITY OF CAPITOLA REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF THE LOCATIONS OF ALL UTILITIES IN THE FIELD. LOCATIONS SHOWN ON THE PLAN ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.
- ALL "LAYOUT" WORK SHALL BE APPROVED BY CITY OF CAPITOLA PRIOR TO THE START OF ANY EXCAVATION.
- DIMENSIONS FOR WALKS, CURB WALLS AND CURBS ARE AT CENTER LINE OR ON THE SIDE SHOWN ON THE PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONSTRUCT ALL CONCRETE WORK USING FORM LUMBER AND STAKES STRONG ENOUGH AND AT INTERVALS FREQUENT ENOUGH TO ASSURE ACCURATE ANGLES & SMOOTH CONTINUOUS RADII.
- CONTRACTOR IS REQUIRED TO RE-SEED ALL SCARRED AREAS DUE TO CONSTRUCTION WITH CITY APPROVED SEED MIX.
- CONTRACTOR TO REPAIR AND ADJUST ALL EXISTING IRRIGATION DAMAGED OR REMOVED DUE TO SKATEPARK CONSTRUCTION. FINISHED IRRIGATION PRODUCT IS TO BE INSTALLED TO COVER ALL EXISTING AND NEWLY PLANTED/SEEDED AREAS WITH MINIMAL THROUGH ON HARD SURFACES. FINAL PRODUCT IS TO BE APPROVED BY OWNER'S REPRESENTATIVE. CONTRACTOR TO ABIDE BY CITY OF CAPITOLA STANDARDS.
- NO LIGHTING IS PROPOSED.



SCALE: 1" = 10'-0"

10' 5' 0' 10' 20'



GRADING/DRAINAGE LEGEND

SYM	DESCRIPTION
FS 103.25	PROPOSED ELEVATION AT FINISH GRADE
105	EXISTING CONTOURS
105	PROPOSED CONTOURS
FS	FINISH SURFACE ELEVATION
FG	FINNISH GRADE
TB	TOP OF BANK AT FINISH GRADE
BB	BOTTOM OF BANK AT FINISH GRADE
BL	BOTTOM OF LEDGE AT FINISH GRADE
TL	TOP OF LEDGE AT FINISH GRADE
TT	TOP OF TRANSITION AT FINISH GRADE
BT	BOTTOM OF TRANSITION AT FINISH GRADE
RIM	RIM ELEVATION
IE	INVERT ELEVATION
HP	HIGH POINT
BM	BENCH MARK - AS NOTED
EC	EDGE OF CONCRETE
SLOPE DIRECTION	
6" CLEAN-OUT - SEE DETAIL B/SP6	
6" FLOOR DRAIN - SEE DETAIL A/SP6	
EXISTING STORM DRAIN STRUCTURE	
STORM DRAIN LINE - (3034) - SIZE AS NOTED	

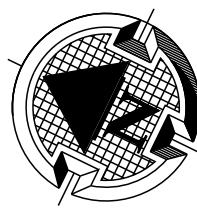
GRADING/DRAINAGE NOTES

1. THIS PLAN PROVIDES GENERAL GRADING INFORMATION. ALL SURVEYING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. EXPORTATION OF SOIL, WHICH MAY BE NECESSARY TO MEET THE GRADES SHOWN ON THIS PLAN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PART OF THIS CONTRACT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF THE LOCATION OF ALL EXISTING UTILITIES IN THE FIELD. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.
4. ALL HIGH POINTS, LOW POINTS, OR GRADE BREAKS ON CONCRETE SURFACES SHALL HAVE A SMOOTH CURVE. CONCRETE SHALL NOT BE BUILT TO A POINT.
5. THE CONTRACTOR SHALL MATCH THE NEW GRADES WITHIN THE LIMITS OF WORK TO THE EXISTING GRADES.
6. CONTRACTOR SHALL PROVIDE SECURITY BARRIER DURING CONSTRUCTION & UNTIL ACCEPTED.
7. EROSION CONTROL FENCING REQUIRED TO BE IN PLACE PRIOR TO ANY SITE WORK.

NOTES:

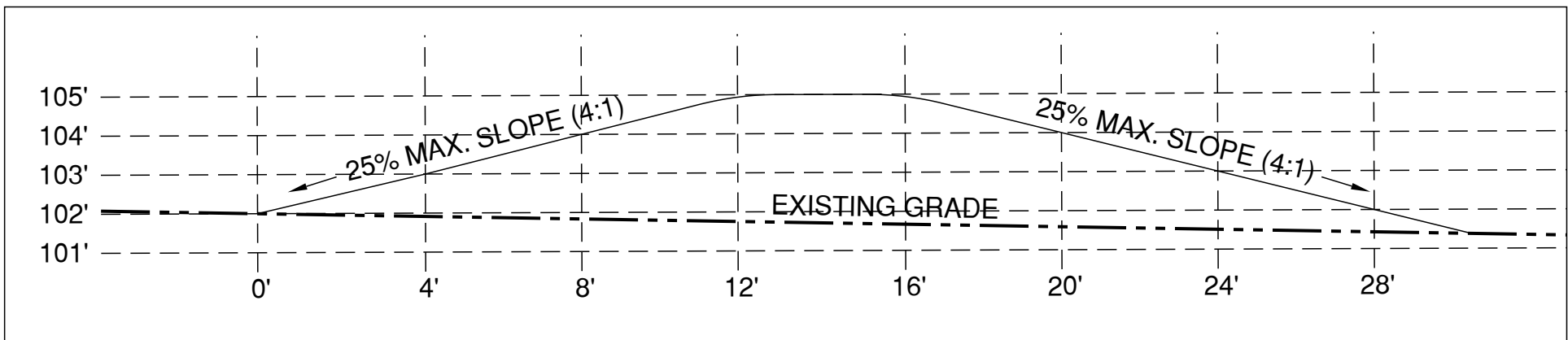
PROJECT CUT/FILL QUANTITIES ARE BASED FROM EXISTING TOPOGRAPHY AND PROPOSED TOPOGRAPHY AS SHOWN

SYM	LANDSCAPE AREA:	QUANTITY
	GRADING (CUT) CU. YDS.:	346 CU. YDS. (FIGURING 20% LOSS)
	GRADING (FILL) CU. YDS.:	327 CU. YDS. (82 CU. YDS. PROPOSED FOR BERMS)
TOTAL CUT/FILL BALANCE :		19 CU. YDS. (CUT)



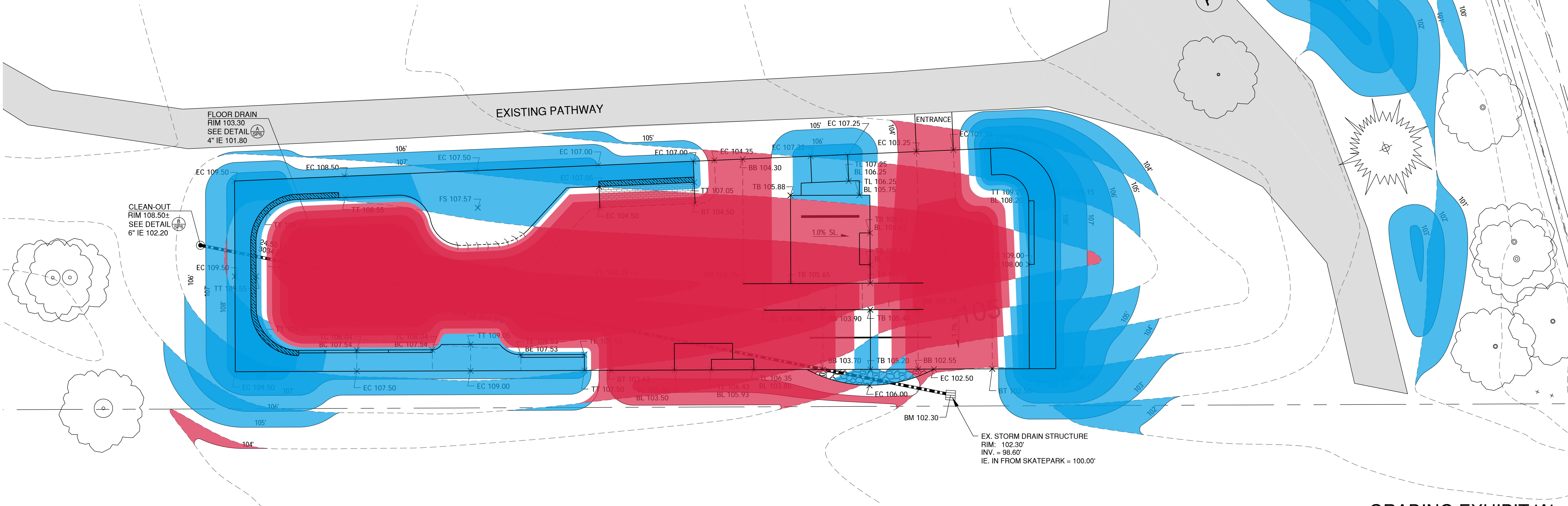
SCALE: 1" = 10'-0"

10' 5' 0' 10' 20'



A LANDSCAPE BERM CROSS SECTION

SCALE: 1/4" = 1'-0"



GRADING EXHIBIT 'A'



LANDSCAPE ARCHITECTURE & PLANNING
PO Box 23338 | PORTLAND, OREGON | 97281
PHONE: 503.601.4516 | FAX: 503.924.4688



MONTEREY AVENUE SKATEPARK

MONTEREY PARK

POURED-IN-PLACE CONCRETE

CAPITOLA, CALIFORNIA

REV.	DATE	DESCRIPTION
	5/5/2015	City Comments

SHEET NAME:
SKATEPARK
GRADING/DRAINAGE

DRAWN BY: TAM
CHECKED BY: TAM
ISSUE DATE: 04/15/2015
JOB NO.: 1522

SHEET:
SP5
OF 9
PERMIT SET

Monterey Ave Park Skate Park- Color Board



Black Coated 6' Chain link fence w/Gate



Proposed Brick and Concrete Color



Proposed Decorative Rock Style



Weber, Hayes & Associates
 Hydrogeology and Environmental Engineering
 120 Westgate Drive, Watsonville, CA 95076
 (831) 722-3580 // www.weber-hayes.com

Phase I Environmental Site Assessment
User/Client Questionnaire

Overview: *Phase I Environmental Site Assessment (ESA)* standards¹ require that the party requesting this ESA (i.e., the “**user**”, or **client**), make a good faith effort to provide and/or obtain the following disclosure items, which are generally available during the property transaction escrow process:

- Reason for contracting this Phase I ESA
- Knowledge of any environmental leans or agency restrictions on the property
- Specialized knowledge of the property
- Any discounts to the property fair-market value associated with chemical spills or releases
- Commonly known (“reasonably ascertainable”) information regarding chemical storage/use
- Available environmental reports

Please provide the following information to the best of your ability.

Site/Facility Name: MONTEREY AVENUE PARK (APN # 036-151-02)

Site Address: MONTEREY AVE, CAPITOLA

Name/Title: Rich Grunow, Community DEVELOPMENT Director

1. Reason for Performing this ESA (check appropriate):

- ☐ Lender: Property sale requirement for lender
- ☐ Buyer: Due diligence property screening by buyer.
- ☐ General Liability: “Landowner Liability Protections” (LLPs) as per Federal environmental laws
- ☒ Personal Comfort Level: Better understanding of land uses & potential environmental liabilities
- ☐ Other: _____

2. Environmental Cleanup Liens (check appropriate):

Yes ☐ No ☒ Are you aware of any **environmental liens** placed on the property by a regulatory agency (Federal, State or Local)?

If yes, please provide details:

¹: ASTM Standard E 1527-05 and EPA All Appropriate Inquiries (AAI) guidelines,

3. **Land-Use Limitations** (check appropriate):

Yes ☐ No ☒ Are you aware of any "**Activity Land-Use Limitations**" (AULs) placed upon the Site by Federal, State or Local regulatory agencies such as engineering or institutional controls?

If **yes**, please provide details: _____

4. **Specialized Knowledge of the User/Client** (check appropriate):

As the person or entity requesting this *Phase I* ESA ("user"), do you have any specialized knowledge or experience pertaining to the subject Site or nearby/adjoining property that would give you distinct knowledge of chemical usage and/or industrial processes at the subject Site?

Yes ☐ No ☒ Are you a current or former occupant of the Site?

Yes ☐ No ☒ Are you involved in the same type of business/industry, and are familiar with commercial/industrial processes or chemical storage

If **yes**, please provide details: _____

5. **Comparison of Purchase Price to Fair Market Value** (check appropriate):

To the extent of your knowledge, does the requested purchase price of the subject Site reflect the fair market value of the property? If a discrepancy is present, have you considered whether the lower purchase price is due to environmental contamination believed to be or known to be present at the Site?

Yes ☐ No ☐ Does the property purchase price reflect a discounted value relative to fair market value? _____

Yes ☐ No ☐ If the property is being sold below fair market value, is the reason attributed to a known/perceived chemical release (i.e., contamination) _____

If **yes**, please provide details: _____

NOT APPLICABLE - NO PLANNED SALE

6. "Reasonably Ascertainable Information" (brief description):

Are you aware of any commonly known or reasonably ascertainable information pertaining to chemical storage/usage on the subject Site? Specifically:

a) **Prior Land Use(s)**: Do you know previous land use(s) at the subject Site (land uses/businesses)?

NO

b) **Chemical Use or Storage**: Do you know of any current or historical use/storage/generation of chemicals, fuels, or hazardous waste at the subject Site?

NO

c) **Chemical Releases**: Are you aware of any reported or unreported chemical spills or releases that occurred at the subject Site? [Current or Historical]

NO

d) **Environmental Clean-ups**: Are you aware of any reported or unreported environmental cleanups that have occurred at the subject Site? [Current or Historical]

NO

7. Degree of Obviousness of Contamination:

Based on your knowledge of the property, are you aware of any obvious indicators that would suggest the presence (or likely presence) of contamination at the subject Site?

NO

8. **Helpful Documents:** Are you aware of existing reports (listed below) for the subject Site?

Yes No

- ☐ ☒ Previous Phase I or Phase II ESAs
- ☐ ☒ Hazardous Materials Management Plans (HMMPs) or Chemical Storage Inventories
- ☐ ☒ Industrial Stormwater Monitoring Plans/Reports (SWPPPs or compliance reports)
- ☐ ☒ Permitting or Documentation re: Aboveground or Underground Storage Tanks
- ☐ ☒ Hazardous Waste Generator notices, disposal manifests, or compliance reports
- ☐ ☒ Regulatory directives or *No Further Action (NFA)* letters.

If yes to any of the above, please provide details (year, author/consultant if possible):

Additional Comments & Extra Space for Affirmative Answers?

To the best of my knowledge I attest that the above information is true:

Signature: _____

Date: _____

Title: _____

COMMUNITY DEVELOPMENT DIRECTOR

APPENDIX B

HISTORICAL RESEARCH REPORTS (EDR)

- *City Directory Listings*
- *Aerial Maps*
- *Sanborn Maps*
- *Historical Topo Maps*

Monterey Avenue Park

Monterey Avenue
Capitola, CA 95010

Inquiry Number: 4420002.5
September 28, 2015

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

RECORD SOURCES

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FINDINGS**TARGET PROPERTY STREET**

Monterey Avenue
Capitola, CA 95010

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
--------------------	------------------------	----------------------

MONTEREY AVE

2013	pg A2	Cole Information Services
2008	pg A5	Cole Information Services
2003	pg A8	Cole Information Services
1999	pg A11	Cole Information Services
1995	pg A14	Cole Information Services
1992	pg A17	Cole Information Services
1985	pg A19	Haines Criss-Cross Directory
1980	pg A20	Haines Criss-Cross Directory
1976	pg A21	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

MONTEREY AVE 2013

109	DAVE JOHNSON
	GARY MADDEN
	GREG BENSON
	JAMES RIGBY
123	EL TORO BRAVO
127	CRUZN
131	CAPITOLA BEACH COMPANY
200	GEISHA JAPANESE RESTAURANT
	SOUZAS CONES ICE CREAM & CANDY
	TAQUERIA BAJA
201	KICKBACK
	VILLAGE SEA GLASS
204	EMIL EDGREN
206	OCCUPANT UNKNOWN
207	JUST BABY GIFTS & APPAREL
	NICOLLE ROMERO
	WHITNEY FUSION
208	AVALON VISIONS
	HAVANA VILLAGE
210	THAI BASIL
212	TYLER CLEAR
	WARREN PABOOJIAN
213	DAVID JOHNSON
	EDWARD SMITH
218	ROBERT ORDING
219	OCCUPANT UNKNOWN
221	CINDY KRUEGER
	ELISA MEAD
223	NANCY BRIGHTMAN
224	KURT LANGHOLFF
226	DOREEN NOONAN
229	LOIS LANSING
230	ANN WOODY
	JAMES MALLOY
233	JEFF LANGSTON
234	ALYSON HESS
240	CONNIE DAVIS
	KARLA SANDOVAL
	LORETTA MCPHEE
250	INN AT DEPOT HILL
303	DAVID BUITENHEK
324	OCCUPANT UNKNOWN
326	RONALD CARLINI
328	JAMES CALDWELL
330	JOHN PLECQ
401	COPIOUS WINERY
	JONATHAN BATES
404	ANDREW DIMARTINO
	OSCAR WARNER
405	RICHARD WRIGHT

MONTEREY AVE 2013 (Cont'd)

406	JANIS ERICKSON
408	ELAINE BROSIO
410	OCCUPANT UNKNOWN
412	KATHLEEN EPPERLY
414	OCCUPANT UNKNOWN
415	JANET ANGULO
416	RYAN SMITH
435	ST JOSEPHS CATHOLIC COMMUNITY
511	OCCUPANT UNKNOWN
515	JUAN DONATO
519	CHERYL DEVLIN
601	JACQUES BERTRAND
605	ROBERT LEDESMA
609	MARK ROSSI
613	SCOTT MACEWEN
617	JUDITH RADCLIFFE
620	SOQUEL ELEMENTARY SCHOOL DISTRICT
621	JEFFREY WAGNER
701	DANIEL STEINGRUBE
705	OCCUPANT UNKNOWN
709	DAVID STOW
713	DAVID NAZARETH
717	BRETT BARTLE
721	EARL WALLACE
725	DARREL BURNS
729	HARRY GAI
801	DAVID SUDDJIAN
805	CHARLES STARBIRD
809	GARY PASQUINI
813	GINGER BETZ
821	GLEN THEILEN
825	SUZANNE RUPP
826	KURT FOUTS
829	OCCUPANT UNKNOWN
830	CURTIS MCCAIVITT
833	RICK HALL
834	F GONZALES
838	KEVIN MAGUIRE
855	JORDAN TALBOT
	LORRAINE AZEVEDO
	MICHAEL MURRAY
	ROBERT IGARTA
865	ANDREA VERSAW
	BOLANOS RAMIREZ
	CHRISTINA GARAAN
	CONNIE GOMEZ
	HELEN BRYANT
	KIM DETWILER
	MARIAN LOBATO
	VICTORIA LEIGH

MONTEREY AVE 2013 (Cont'd)

875 SHORELIFE COMMUNITY CHURCH

MONTEREY AVE 2008

101	ST JOHNS HELPFUL SHOP
109	DENNIS KETTMAN
	GREG BENSON
	GUNTHER MEYBERG
	PHIL COOPER
	SHANE COLE
110	BLUE WATER STEAK HOUSE INC
123	EL TORO BRAVO
127	CRUZN
200	BELLADONNA
	GOMEZ JOE & CRISTINE
	PARADISE SUSHI
201	CAFE MISK
	FUSE ARCHITECTS INC
	KICKBACK
	MICHAEL SOTERO ARCHITECT
	SHEARS TO YOU
	SUESS INSURANCE
204	DAVID EDGREN
206	OCCUPANT UNKNOWN
207	BETH RAMOS
	TATIANA JUNQUEIRA
208	AVALON VISIONS
	FRANK CASTAGNOLA
	HAVANA VILLAGE
210	THAI BASIL
212	BRIAN BEAULIEU
216	PATRICIA DOOLING
218	ROBERT ORDING
219	OCCUPANT UNKNOWN
	PACIFIC PUBLISHING
221	SHARON CARR
223	JILL BOVONE
224	KURT LANGHOLFF
226	LISA SPRIGGS
229	LOIS LANSING
230	JAMES MALLOY
	STEVE MORASH
233	JEFF LANGSTON
234	SCOTT ZUEWSKI
240	ANN WOODY
	DENISE REPETTO
	LARISA PIERSON
	LORETTA MCPHEE
	MARGARET MITCHELL
	ROBERT HARDING
250	INN AT DEPOT HILL
324	OCCUPANT UNKNOWN
326	OCCUPANT UNKNOWN
328	JAMES CALDWELL

MONTEREY AVE 2008 (Cont'd)

330	JACK PLECK
404	LINDSAY HEATH
	OSCAR WARNER
405	JOHN MCCOMBS
406	JOSEPHINE PUCKETT
408	ELAINE BROSIO
410	OCCUPANT UNKNOWN
414	RAMON BERGER
416	RUAN SMITH
435	ST JOSEPHS CATHOLIC COMMUNITY RELIGI
511	RICHARD KIRK
515	JUAN DONATO
519	CAPITOLA BED & BREAKFAST
	CHARLES DEVLIN
601	JACQUES BERTRAND
605	ROBERT LEDESMA
609	MARK ROSSI
613	SCOTT MACEWEN
617	JUDITH RADCLIFFE
620	SOQUEL ELEMENTARY SCHOOL DISTRICT
621	JEFFREY WAGNER
701	DANIEL STEINGRUBE
705	MICHAEL ARROYO
713	DAVID NAZARETH
717	OCCUPANT UNKNOWN
721	EARL WALLACE
725	ROBERT RASMUSSEN
729	HARRY GAI
801	CAELI I TERRA LANDSCAPE DESIGN
	DAVID SUDDJIAN
805	GIL VALENZUELA
809	GARY PASQUINI
813	ANDREW LEWIS
821	MARY THEILEN
825	PHILLIP RUPP
826	TIMOTHY ANDERSON
829	LLOYD LOMBARDI
830	CURTIS MCCAIVITT
833	RICK HALL
834	F GONZALES
838	GOT LOCAL MUSIC
	KEVIN MAGUIRE
855	BRIAN LATHAN
	D NATHAN
	DANIEL SHUBECK
	GENE CODMAN
	IRENE DICKEY
	JANE BROUGH
	ROBERT PATTERSON
865	BOLANOS RAMIREZ

MONTEREY AVE 2008 (Cont'd)

865	CHRISTOPHER SEVERNS
	HELEN BRYANT
	JOANNE PETERSON
	MARIAN LOBATO
	MIKE POWERS
	PATRICIA HESTAND
	SCOTT MIRANDA
	SUZY WILLIAMS
	VICTORIA LEIGH
875	SHORELIFE COMMUNITY CHURCH

MONTEREY AVE 2003

109	DENNIS KETTMAN GUNTHER MEYBERG KELLI LITTERAL PHIL COOPER ROBERT THAMM SDI BOOKKEEPING SERVICES SHARON DOUGAN
110	CAFFE LIDO OCCUPANT UNKNOWN
120	CPTL THTR BAY SHORE LYRIC OPRT
123	EL TORO BRAVO WILLIAM KUETTEL
127	CRUZN
131	CLOTHES GARDEN
200	LUMINESCENCE PARADISE SUSHI SOUZA CONES ICE CREAM & CANDY
201	HOUR PLACE ING LLP KICKBACK SUESS INSURANCE AGENCY VILLAGE WINE SHOPPE
206	MICHELE WALSH
207	E LEE JAMES HARGENS M CORNEJO MOONDOGGIES T KNIGHT
208	AVALON VISIONS HAVANA VILLAGE
210	THAI BASIL
211	OCCUPANT UNKNOWN
212	PETER HUBBACK RANA SINGH RAYMOND KLOPP
213	MIRIAN OLIVER
215	SUSIE MERRITT VACATIONS BY THE SEA
216	PATRICIA DOOLING
217	DAVID BONAHER GREG SIVASLIAN
218	ROBERT ORDING
219	OCCUPANT UNKNOWN
221	JOSEPH SHERER NICOLE BURRUSS
223	DONALD ROSS
224	KURT LANGHOLFF
226	JAMES SYLVAIN
228	OCCUPANT UNKNOWN
229	LOIS LANSING

MONTEREY AVE 2003 (Cont'd)

230	TRACY LAINE
233	OCCUPANT UNKNOWN
234	ALAN PLAISTED
	MILTRON KREB
250	INN AT DEPOT HILL
324	JEFF BLAIZE
326	OCCUPANT UNKNOWN
328	MATTHEW HERMAN
330	JACK PLECK
401	MICHELLE COFFMAN
403	OLIVER BOOTS
404	MICHELLE SAYLOR
405	DONNELL MCKALSON
406	LOUIS LUMBRAZO
408	ELAINE BROSIO
410	BENJAMIN WILLIAMS
414	TENESHA MAXIE
415	LUCILE GOULD
416	MERCEDES KETTERMAN
435	OCCUPANT UNKNOWN
	ST JOSEPHS CATHOLIC CMNTY
504	SOQUEL ELEMENTARY SCHOOL DIST
511	DAVID DONATO
515	JUAN DONATO
519	PETER MOYER
601	JACQUES BERTRAND
605	ALVANO LEDESMA
609	MARK ROSSI
613	SCOTT MACEWEN
620	OCCUPANT UNKNOWN
	SOQUEL UNION ELMNTRY SCHL DIST
621	JEFFREY WAGNER
701	DANIEL STEINGRUBE
705	MICHAEL ARROYO
709	DAVID STOW
713	DAVID NAZARETH
717	CHARLES SAVOCA
721	EARL WALLACE
725	ROBERT RASMUSSEN
729	HARRY GAI
801	DAVID SUDDJIAN
	SUDDJIAN DAVID L BLGCL CNSLTNG
805	CHARLES STARBIRD
809	GARY PASQUINI
813	OCCUPANT UNKNOWN
821	MARY THEILEN
825	PHILLIP RUPP
826	MONICA MCNULTY
829	DIANE LOMBARDI
830	CURTIS MCCAIVITT

MONTEREY AVE 2003 (Cont'd)

833	ISABEL ROGERS
834	JAMES GONZALES
838	KEVIN MAGUIRE
855	DANNY SIMON
	ERIC LARD
	GENE CODMAN
	IRENE DICKEY
	JENNIFER NYGREN
	LOREN MCCRAW
	LUSTRE
	WILLIAM MCKELVEY
865	ANDREW LEWIS
	BEN ENGSTRAND
	HARRY JOHNSON
	HELEN BRYANT
	SYDNE BERGEY
875	NEIGHBORHOOD DAY CARE
	OCCUPANT UNKNOWN
	SHORELIFE COMMUNITY CHURCH

MONTEREY AVE 1999

109	DENNIS KETTMAN GREG BENSON GUNTHER MEYBERG JAMES RIGBY
110	CAFFE LIDO LIDO RISTORANTE
120	CAPITOLA THEATER BAY SHORE LYRIC OPERA COMPANY
123	EL TORO BRAVO
127	CRUZN
131	CLOTHES GARDEN
200	LUMINESCENCE PARADISE SUSHI & JAPANESE CUISINE SOUZA CONES ICE CREAM & CANDY TAQUERIA BAJA
201	HOUR PLACE KICKBACK OCCUPANT UNKNOWN PALMER ROBERT ARCHITECT AIA SIMPLE PLEASURES UNIQUE BOUTIQUE
204	EMIL EDGREN OCCUPANT UNKNOWN
206	OCCUPANT UNKNOWN
207	TATIANA JUNQUEIRA
208	AVALON VISIONS CAPITOLA VILLAGE MAGIC SHOP
210	THAI BASIL
211	OCCUPANT UNKNOWN
212	BRIAN BEAULIEU OCCUPANT UNKNOWN
213	MELVIN TODD
215	HOMES BY THE SEA VACATIONS BY THE SEA
216	MARY CRUMPTON
217	JOSHUA SIVASLIAN
218	ROBERT ORDING
224	KURT LANGHOLFF
228	OCCUPANT UNKNOWN
229	LOIS LANSING
230	ANN WOODY
233	JEFF LANGSTON OCCUPANT UNKNOWN
234	SARAH WALDEN
240	LORETTA MCPHEE MARGARET MITCHELL
250	DEPOT HILL INN INN AT DEPOT HILL
330	JOHN PLECQ
404	OSCAR WARNER
405	JOHN MCCOMBS

MONTEREY AVE 1999 (Cont'd)

406	JOSEPHINE PUCKETT
408	ELAINE BROSIO
414	OCCUPANT UNKNOWN
	RAMON BERGER
415	OCCUPANT UNKNOWN
416	JANET ESWAY
435	ST JOSEPHS CATHOLIC COMMUNITY
504	AFTER SCHOOL DAY CARE INCORPORATED CAPITOLA ASDC
	CAPITOLA ELEMENTARY SCHOOL
	SOQUEL ELEMENTARY SCHOOL DISTRICT
	SOQUEL ELEMENTARY SCHOOL DISTRICT SCHOOLS
511	DAVID DONATO
515	JUAN DONATO
	OCCUPANT UNKNOWN
519	CHERYL DEVLIN
	OCCUPANT UNKNOWN
601	JACQUES BERTRAND
605	LEDESMA & SONS
	ROBERT LEDESMA
613	SCOTT MACEWEN
617	JUDITH RADCLIFFE
620	SOQUEL ELEMENTARY SCHOOL DISTRICT DISTRICT OFFICE
621	JEFFREY WAGNER
705	MICHAEL ARROYO
709	DAVID STOW
713	DAVID NAZARETH
721	EARL WALLACE
	OCCUPANT UNKNOWN
725	ROBERT RASMUSSEN
801	DAVID SUDDJIAN
	SUDDJIAN DAVID L BIOLOGICAL CONSULTING SERVICES
805	GILBERT VALENZUELA
809	GARY PASQUINI
	OCCUPANT UNKNOWN
813	ANDREW LEWIS
821	MARY THEILEN
825	PHILLIP RUPP
826	OCCUPANT UNKNOWN
829	LLOYD LOMBARDI
	OCCUPANT UNKNOWN
830	CURTIS MCCAIVITT
833	KEVIN GONZALES
834	JAMES GONZALES
838	OCCUPANT UNKNOWN
855	BRIAN LATHAN
	IRENE DICKEY
	LORRAINE AZEVEDO
	NATHANIEL CLUBB
865	BOLANOS RAMIREZ
	CHRISTOPHER SEVERNS

MONTEREY AVE 1999 (Cont'd)

865	HELEN BRYANT
	JOANNE PETERSON
	MARIAN LOBATO
	MIKE POWERS
	SCOTT MIRANDA
	SUZY WILLIAMS
	VICTORIA LEIGH
875	NEIGHBORHOOD AFTER SCHOOL RECREATION
	SHORELIFE COMMUNITY CHURCH CHURCH OFFICE
	SHORELIFE COMMUNITY CHURCH DAYCARE CENTER

MONTEREY AVE 1995

109	BENSON, BARBARA A DOUGAN, SHARON E MARTINSON, E A PINARD, AL THAM, B THAMM, ROBERT
110	CAFFE LIDO LASKOWICZ, GEORGE H
120	CAPITOLA THEATER LOCAL 611 IATSE
123	EL TORO BRAVO
127	CRUZN
131	CLOTHES GARDEN
200	ANTOINES INN BRADYS HOUSE OF IRELAND JIMS DELI SOUZA CONES ICE CREAM & CANDY
201	AISHA HAIR DESIGN HOUR PLACE MR WONDERFUL FINE MENS WEST PACIFIC DESIGN
204	OCCUPANT UNKNOWNN
206	OCCUPANT UNKNOWNN
207	DEPOT HILL SHELLNUT, TERRY A
208	MONTAD
210	STRANDS OF TIME HAIR DESIGN YOUMANS, KRAIG
211	OCCUPANT UNKNOWNN
212	OCCUPANT UNKNOWNN
213	GABBARD, JOHN HUGHINS, JAMES T SHIELDS, PAT
215	VACATIONS BY THE SEA
218	PRUSS, JOSEPH F
223	WALKER, DAVID
224	LANGHOLFF, KURT
226	OCCUPANT UNKNOWNN
228	WALKER, DON W
229	LANSING, LOIS
230	OCCUPANT UNKNOWNN
233	DANIEL, VIRGIL
234	WOOD, LARRY J
235	BOLEN, GARY L
240	SKRZYNSKI, ANYA WOODY, A
250	INN AT DEPOT HILL
303	BERGMAN, RICHARD
324	CALDERWOOD, M
326	GRANT, JOHN R

MONTEREY AVE 1995 (Cont'd)

328	PHIPPS, DAVID
330	PLECK, JACK
403	BOOTS, OLIVER M
404	OCCUPANT UNKNOWNNN
405	MCKALSON, DONNELL R
406	LUMBRAZO, LOUIS
408	BROSIO, ELAINE
410	OCCUPANT UNKNOWNNN
414	OCCUPANT UNKNOWNNN
415	OCCUPANT UNKNOWNNN
416	WILLARD, LOWELL
435	OCCUPANT UNKNOWNNN
	ST JOSEPHS CHURCH
504	CAPITOLA AFTER SCHOOL DAY CARE
	CAPITOLA ELEMENTARY SCHOOL
515	RAMIREZ, C
601	KRELL, ROGER
605	LEDESMA & SONS
	LEDESMA, ROBERT A
609	ROSSI, MARK
613	OCCUPANT UNKNOWNNN
617	HOPE, JOHN
620	SOQUEL ELEMENTARY SCHOOL DIST
701	STEINGRUBE, LISA B
705	ARROYO, BARBARA K
709	STOW, DAVID E
713	LORETTE, LUGMAN
717	RIPPY, JAMES
721	OCCUPANT UNKNOWNNN
725	FENT, ANSEL L
729	COLERO, THOMAS
801	OCCUPANT UNKNOWNNN
805	STARBIRD, CHARLES F
809	OCCUPANT UNKNOWNNN
813	OCCUPANT UNKNOWNNN
821	THEILEN, FRED
825	RUPP, PHILLIP
829	LOMBARDI, DANTI L
830	MCCAVITT, CURTIS
833	ROGERS, ISABEL M
834	GONZALES, JAMES W
838	OCCUPANT UNKNOWNNN
855	BERGEN, RAYMOND C
	TREBER, CARL
865	EBYAM, GABRIEL
	KROEKER, DAVID
	MALDONADO, LOUISE G
	PETERSON, J
	SARGENT, JAMES V
	ULERY, NORMA

MONTEREY AVE 1995 (Cont'd)

875 GRACE COMMUNITY CHURCH
NEIGHBORHOOD DAY CARE CTR
OCCUPANT UNKNOWNN

MONTEREY AVE 1992

109	BENSON, BARBARA A DUDA, ROBERT P PINARD, AL RICHARDSON, KEVIN THAMM, B THAMM, ROBERT
110	CAFFE LIDO
120	CAPITOLA THEATER FAITH CHAPEL LOCAL 611 IATSE
123	EL TORO BRAVO
127	CRUZN
131	CLOTHES GARDEN
200	ANTOINES INN RSTRNT BRADYS HSE IRELAND JIMS DELI SOUZA CONES ICE CRM
201	AISHA HAIR DESIGN BUGGE A J FNCL SERV HOUR PLACE MR WONDERFL CLOTHES TRISTAR WEST PACIFIC DESIGN
207	DEPOT HILL AGENCY PETERSEN A H ENGRG SOLOVIOFF, NICK
208	MONTAD
210	EL TACO LOCO STRANDS TIME HAIR
223	LAWRENCE, DANIEL G
224	LANGHOFF, KURT
229	LANSING, LOIS
233	COOPER, DONNA
235	BOLEN, GARY L
250	DEPOT HILL INN KELLER, L
330	PLECK, JACK
405	MCKALSON, DONNELL R REID, BOB
408	BROSIO, ELAINE
412	ASKREN, M E
415	GOULD, JAMES B
416	WILLARD, LOWELL
435	ST JOSEPHS CH OFC
504	CAPITOLA AFTR SC DY CAPITOLA ELEM SC
511	KINGSLAND, WILLIAM
601	KRELL, JOHN N
605	LEDESMA&SONS LEDESMA, ROBERT A

MONTEREY AVE 1992 (Cont'd)

617	RADCLIFFE, DONALD W
620	SOQUEL SC BUS OFC
709	STOW, DAVID E
717	RIPPY, JAMES
725	FENT, ANSEL L
729	COLERO, THOMAS
801	BUCHANAN, C C
813	ANDERSEN, RAYMOND T
821	THEILEN, FRED
830	MCCAVITT, CURTIS
855	ISAAC, HENRY W
	JEFFERSON, ROBERT W
	MCEWAN, DELIA
	TREBER, CARL
	WILSON, CAROL
865	BASHOR, EARL
	BURKE, ELSIE M
	DINSMORE, KATE
	EBYAM, GABRIEL
	HUGHES, MARY
	JANDREAU, CELENE
	KROEKER, DAVID
875	GRACE CMTY CH DYCRE
1094	DOUGAN, SHARON E
2073	HELVINK, JOSEPH A
2402	WOODY, A
3031	BERGMAN, RICHARD

MONTEREY AVE 1985

617	RADCLIFFE DONALD W	476-9480	8
620	CAPITOLA SOQ ACTVTY	475-5935	2
621	WAGNER J K	476-3579	
701	XXXX	00	
705	XXXX	00	
709	STOW DAVID E	476-9645	7
713	XXXX	00	
717	RIPPY JAMES	475-3119	6
721	XXXX	00	
725	FENT ANSEL L LTCOL	476-1083	
729	PAPIASHVILI IRAKLY	475-4728	
801	BUCHANAN CLIFFORD	476-0689	
805	XXXX	00	

MONTEREY AVE 1980

617	RADCLIFFE DONALD W	476-9480	8
620★	SOQUEL CMNTY SCHLS	475-8080+0	
★	SOQUEL ELEM SCHOOL	475-8080	
621	WAGNER J K	476-3579	
701	XXXX	00	
705	XXXX	00	
709	STOW DAVID E	476-9645	7
713	MESBAHI MOHAMMAD	476-1618	9
717	RIPPY JAMES	475-3119	6
721	XXXX	00	
725	FENT ANSEL L-LTCOL	476-1083	
729	PAPIASHVILI IRAKLY	475-4728	
801	BUCHANAN CLIFFORD	476-0689	
805	XXXX	00	

MONTEREY AVE 1976

617	CAMACHO JULIAN	476-1532
620*	SOQUEL ELEM SCHOOL	476-0812
	*SOQUEL ELEM SCHOOL	475-8080
621	WAGNER J K	476-3579
701	MANZANO GABRIEL	475-7628
705	LANG RAY R	476-1932
709	ALUFFI LOUIS	476-0920+5
713	BUTERA E VICTOR	475-8384
717	BISHOP SAMUEL E	476-0908
	URTON GEORGIA M	475-9633+5
721	MCGAW WM A JR	475-3457
725	FENT ANSEL L LTCOL	476-1083
729	PAPIASHVILI IRAKLY	475-4728
801	BUCHANAN CLIFFORD	476-0689
813	ANDERSEN R T	476-2626

Monterey Avenue Park

Monterey Avenue

Capitola, CA 95010

Inquiry Number: 4420002.9

September 25, 2015

The EDR Aerial Photo Decade Package



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www.edrnet.com

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Date EDR Searched Historical Sources:

Aerial Photography September 25, 2015

Target Property:

Monterey Avenue

Capitola, CA 95010

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1943	Aerial Photograph. Scale: 1"=500'	Flight Year: 1943	USGS
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	USGS
1956	Aerial Photograph. Scale: 1"=500'	Flight Year: 1956	USGS
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1974	Aerial Photograph. Scale: 1"=500'	Flight Year: 1974	USGS
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1993	USGS/DOQQ
1998	Aerial Photograph. Scale: 1"=500'	Flight Year: 1998	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP

APPENDIX E



INQUIRY #: 4420002.9

YEAR: 1943

| = 500'



APPENDIX E



INQUIRY #: 4420002.9

YEAR: 1948

| = 500'





INQUIRY #: 4420002.9

YEAR: 1956

| = 500'





INQUIRY #: 4420002.9

YEAR: 1968

| = 500'





INQUIRY #: 4420002.9

YEAR: 1974

| = 500'





INQUIRY #: 4420002.9

YEAR: 1982

| = 500'





INQUIRY #: 4420002.9

YEAR: 1993

| = 500'



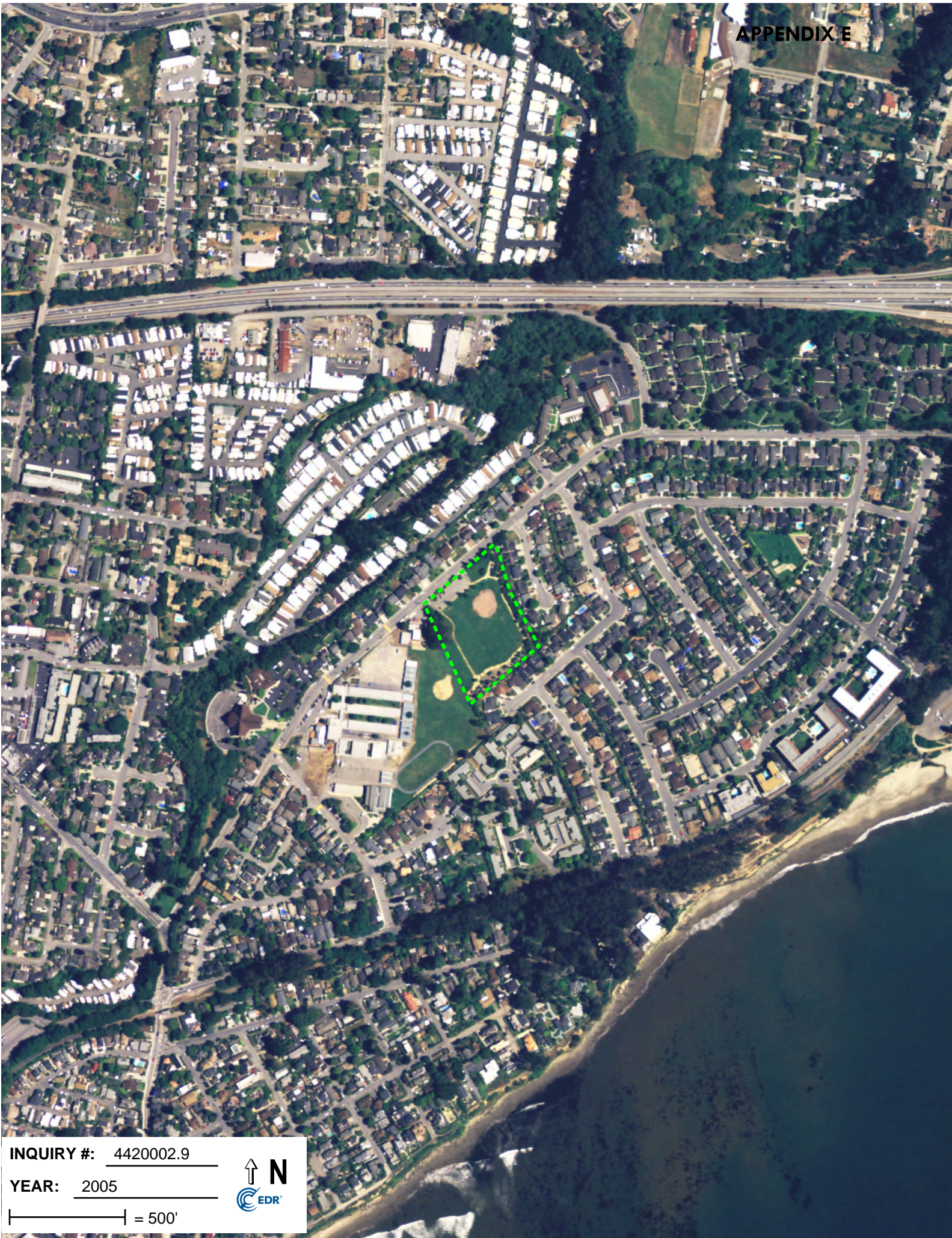


INQUIRY #: 4420002.9

YEAR: 1998

| = 500'





INQUIRY #: 4420002.9

YEAR: 2005

| = 500'





INQUIRY #: 4420002.9

YEAR: 2009

| = 500'





INQUIRY #: 4420002.9

YEAR: 2010

| = 500'





INQUIRY #: 4420002.9

YEAR: 2012

| = 500'



Monterey Avenue Park

Monterey Avenue

Capitola, CA 95010

Inquiry Number: 4420002.3

September 23, 2015

Certified Sanborn® Map Report



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Shelton, Connecticut 06484
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www.edrnet.com

Certified Sanborn® Map Report

9/23/15

Site Name:

Monterey Avenue Park
 Monterey Avenue
 Capitola, CA 95010

Client Name:

Weber, Hayes, & Associates
 120 Westgate Drive
 Watsonville, CA 95076



EDR Inquiry # 4420002.3

Contact: Sean Abbey

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Certified Sanborn Results:

Site Name: Monterey Avenue Park
Address: Monterey Avenue
City, State, Zip: Capitola, CA 95010
Cross Street:
P.O. # NA
Project: 2x535
Certification # C3C9-42A1-88B5



Sanborn® Library search results
 Certification # C3C9-42A1-88B5

UNMAPPED PROPERTY

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- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

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Monterey Avenue Park

Monterey Avenue

Capitola, CA 95010

Inquiry Number: 4420002.4

September 24, 2015

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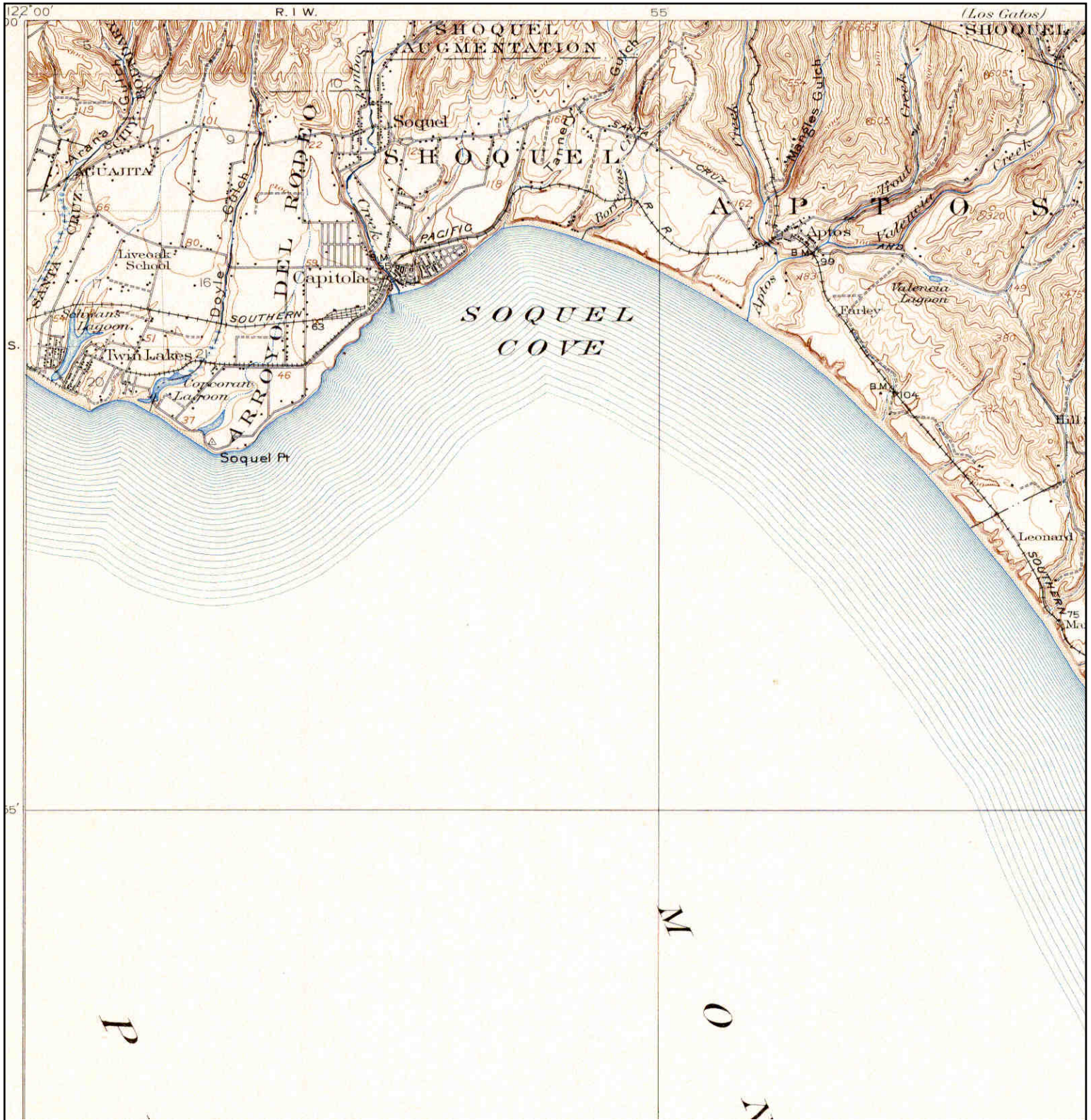
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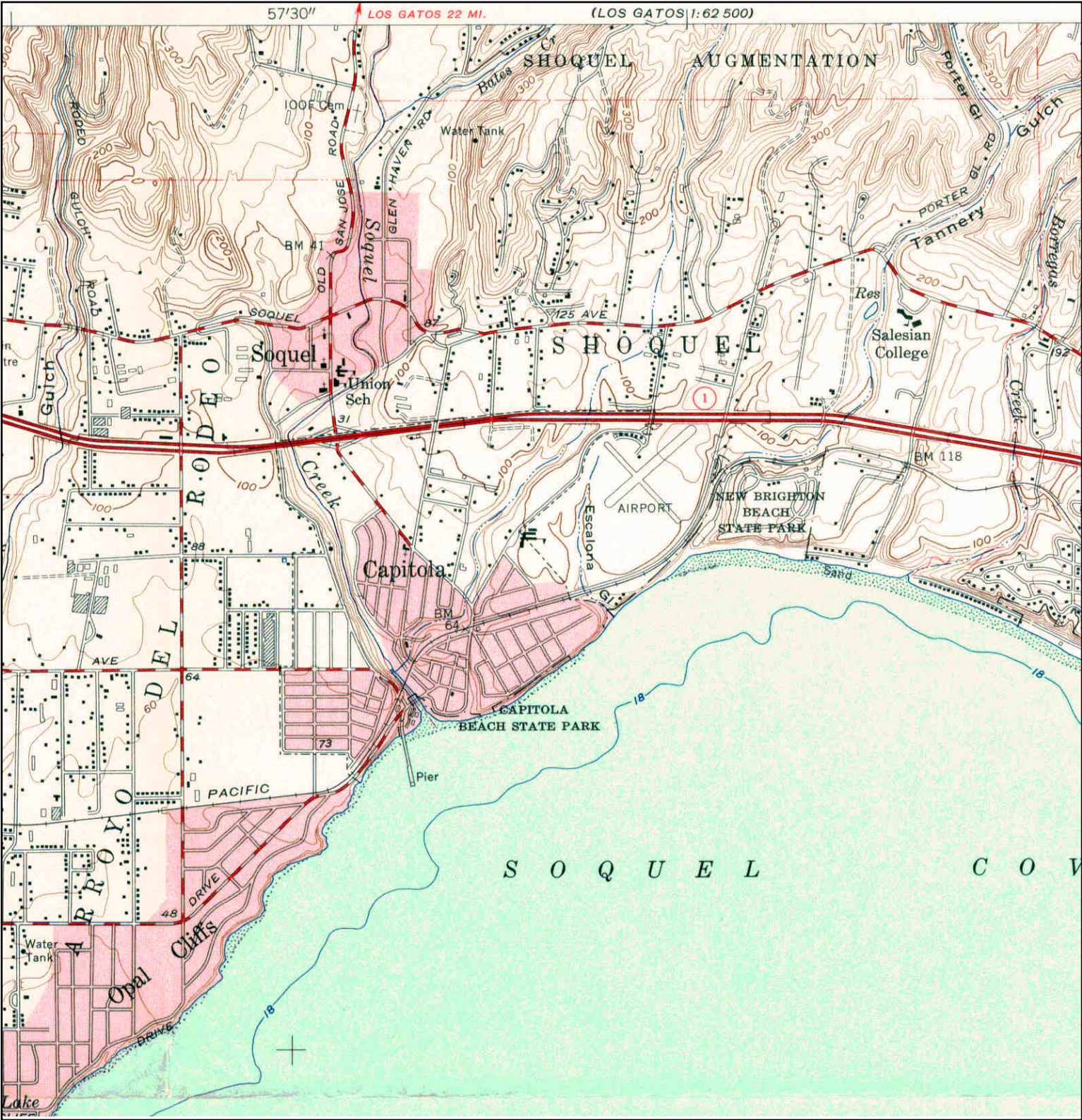
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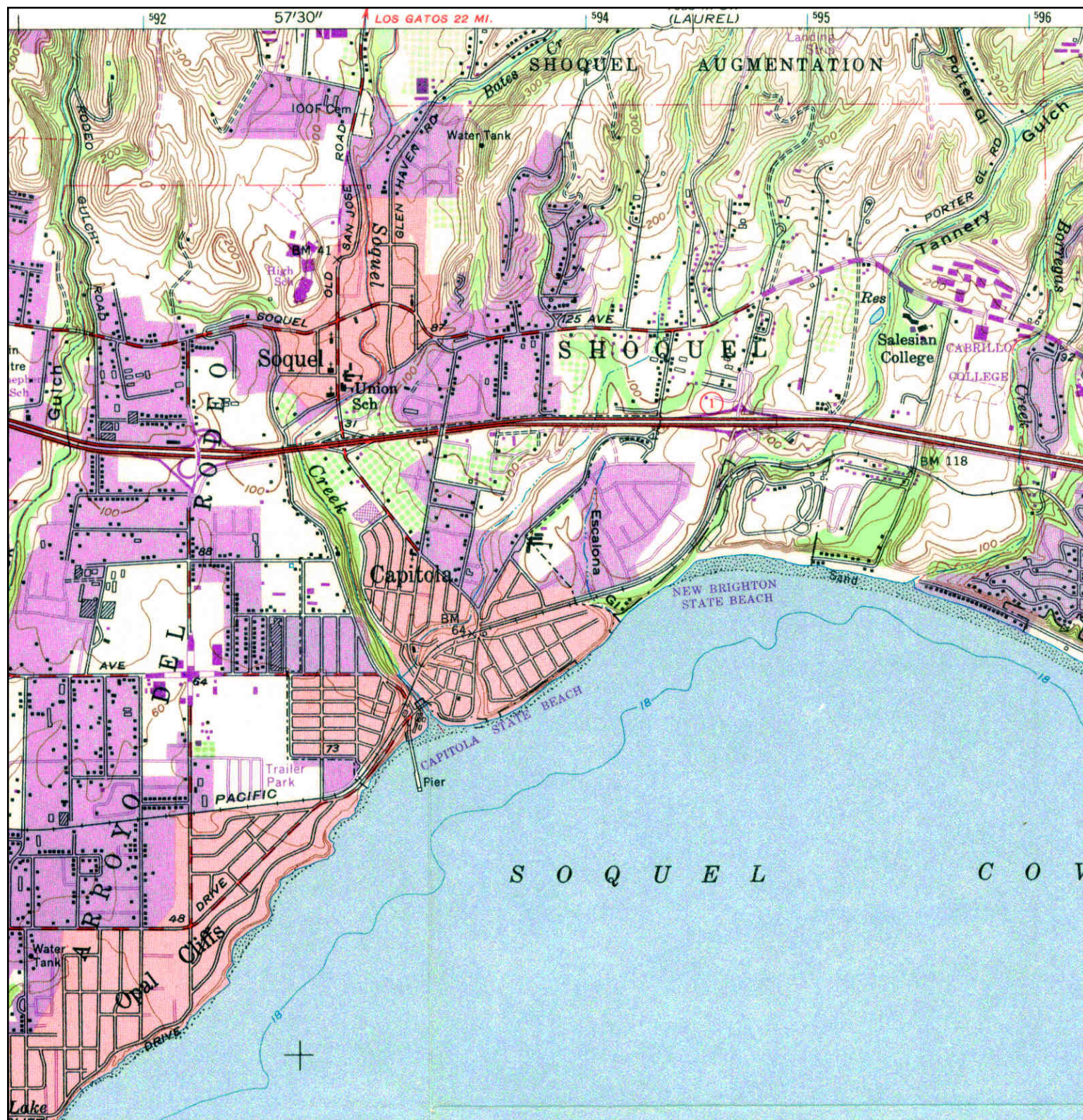
APPENDIX E




<div>N</div> <div>↑</div>	<div>TARGET QUAD</div> <div>NAME: CAPITOLA</div> <div>MAP YEAR: 1914</div> <div>SERIES: 15</div> <div>SCALE: 1:62500</div>	<div>SITE NAME: Monterey Avenue Park</div> <div>ADDRESS: Monterey Avenue</div> <div>Capitola, CA 95010</div> <div>LAT/LONG: 36.9801 / -121.9456</div>	<div>CLIENT: Weber, Hayes, & Associates</div> <div>CONTACT: Sean Abbey</div> <div>INQUIRY#: 4420002.4</div> <div>RESEARCH DATE: 09/24/2015</div>
---------------------------	--	---	--



APPENDIX E




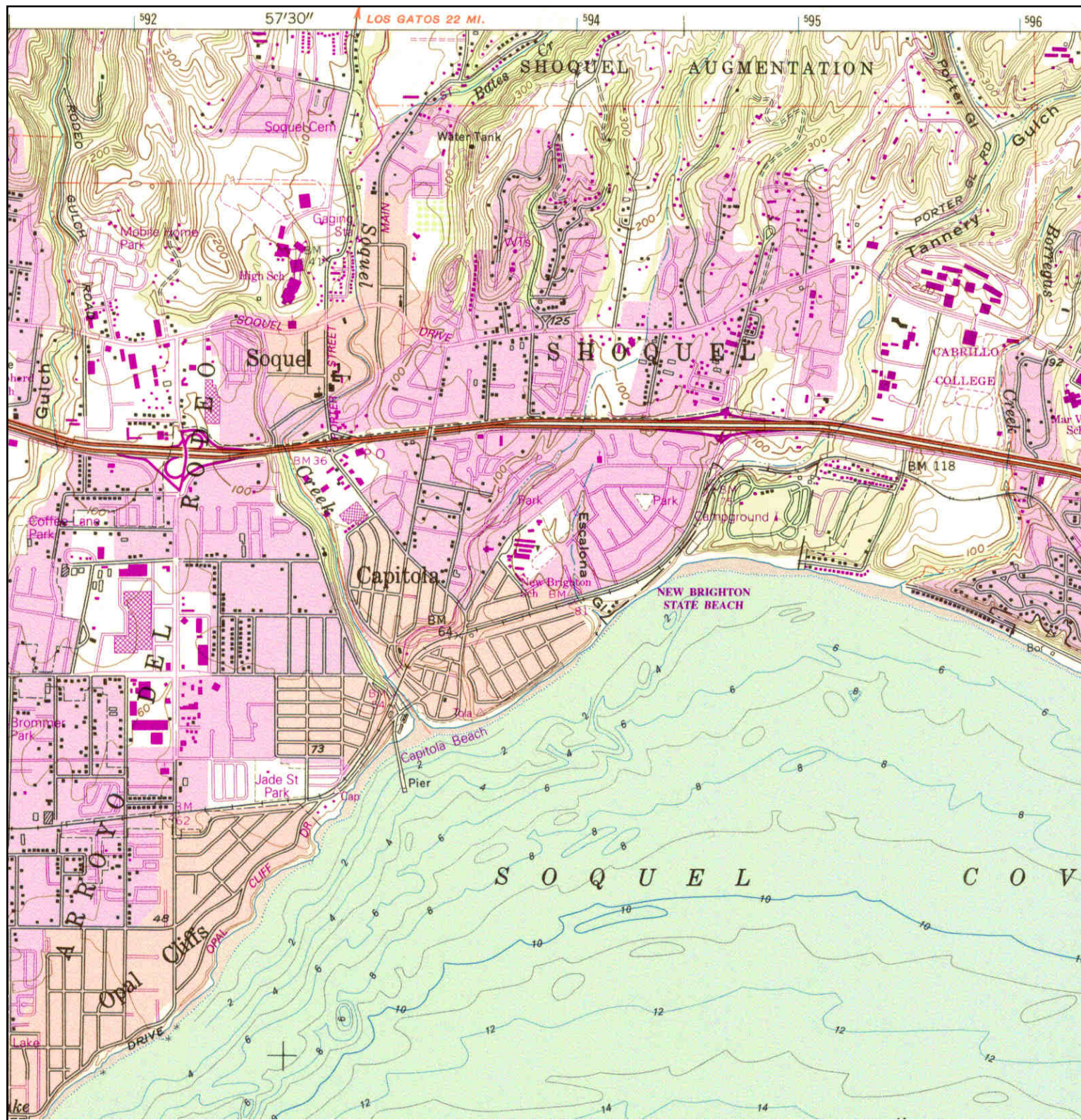
	TARGET QUAD	SITE NAME:	Monterey Avenue Park	CLIENT:	Weber, Hayes, & Associates
	NAME: SOQUEL	ADDRESS:	Monterey Avenue	CONTACT:	Sean Abbey
	MAP YEAR: 1968		Capitola, CA 95010	INQUIRY#:	4420002.4
	PHOTOREVISED FROM : 1954	LAT/LONG:	36.9801 / -121.9456	RESEARCH DATE:	09/24/2015
	SERIES: 7.5				
	SCALE: 1:24000				


APPENDIX E





	TARGET QUAD	SITE NAME:	Monterey Avenue Park	CLIENT:	Weber, Hayes, & Associates
	NAME: CAPITOLA	ADDRESS:	Monterey Avenue	CONTACT:	Sean Abbey
	MAP YEAR: 1987		Capitola, CA 95010	INQUIRY#:	4420002.4
		LAT/LONG:	36.9801 / -121.9456	RESEARCH DATE:	09/24/2015
	SERIES: 15				
	SCALE: 1:50000				



	TARGET QUAD	SITE NAME:	Monterey Avenue Park	CLIENT:	Weber, Hayes, & Associates
	NAME: SOQUEL	ADDRESS:	Monterey Avenue	CONTACT:	Sean Abbey
	MAP YEAR: 1994	LAT/LONG:	Capitola, CA 95010	INQUIRY#:	4420002.4
	REVISED FROM :1954		36.9801 / -121.9456	RESEARCH DATE:	09/24/2015
	SERIES: 7.5				
	SCALE: 1:24000				

APPENDIX C

EDR RADIUS REPORT

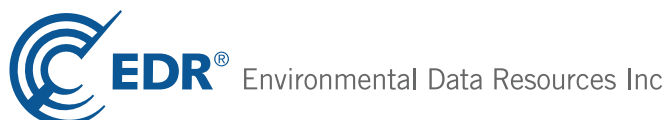
(Database Report of Regulated Sites)

Monterey Avenue Park

Monterey Avenue
Capitola, CA 95010

Inquiry Number: 4420002.2s
September 24, 2015

The EDR Radius Map™ Report with GeoCheck®



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Shelton, CT 06484
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Physical Setting Source Map	A-12
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Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

MONTEREY AVENUE
CAPITOLA, CA 95010

COORDINATES

Latitude (North):	36.9801000 - 36° 58' 48.36"
Longitude (West):	121.9456000 - 121° 56' 44.16"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	593844.6
UTM Y (Meters):	4092981.2
Elevation:	104 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619822 SOQUEL, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120520
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
 MONTEREY AVENUE
 CAPITOLA, CA 95010

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ALPHA MACHINE COMPAN	933 CHITTENDEN LN #A	CUPA Listings	Lower	790, 0.150, North
A2	CITY OF CAPITOLA COR	430 KENNEDY DR	HIST UST, CUPA Listings	Higher	1014, 0.192, North
A3	CORPORATION YARD	430 KENNEDY	AST	Higher	1014, 0.192, North
A4	CAPITOLA CORPORATION	430 KENNEDY DR	LUST, SWEEPS UST, HIST CORTESE	Higher	1014, 0.192, North
A5	CENTRAL FIRE PROTECT	410 KENNEDY DR	CUPA Listings	Higher	1041, 0.197, North
6	EARTHWORKS PAVING CO	310 KENNEDY DR #A	CUPA Listings	Higher	1199, 0.227, NNW
7		732 ROSEDALE AVE	EDR US Hist Auto Stat	Lower	1199, 0.227, West
8	SEVEN UP BOTTLING CO	1027 ROSEDALE AVE	SWEEPS UST, HIST UST	Higher	1273, 0.241, NW
9	NEW BRIGHTON STATE B	1500 PARK AVE	LUST, SWEEPS UST, CUPA Listings, HIST CORTESE	Lower	1676, 0.317, East
10	NOBLE GULCH STORM DR	370 BAY AVE	SLIC	Lower	1705, 0.323, SW
11	CHEVRON STATION	600 BAY AVE	LUST, HIST CORTESE	Lower	2045, 0.387, WSW
12	BAY AVE SENIOR APART	750 BAY AVE	ENVIROSTOR, VCP, NPDES	Lower	2263, 0.429, West
B13	QUIK STOP #78	5505 SOQUEL DR	LUST, HIST UST	Higher	2515, 0.476, North
B14	QUIK STOP MARKET NO	5505 SOQUEL DR	LUST, CUPA Listings	Higher	2515, 0.476, North
B15	THE FARM PROPERTY	5555 SOQUEL DRIVE	SLIC	Higher	2565, 0.486, NNE
C16	ARCO GAS STATION	819 BAY AVENUE	Notify 65	Lower	3289, 0.623, West
C17	ARCO GAS STATION	819 BAY AVENUE	Notify 65	Lower	3289, 0.623, West
18	BAY PHOTO INC MAIN L	2853 PARK AVE	HWP	Higher	3355, 0.635, NE

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
 CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
 RCRA-SQG..... RCRA - Small Quantity Generators
 RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
 US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

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

ODI..... Open Dump Inventory

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... 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

EXECUTIVE SUMMARY

US CDL..... Clandestine Drug Labs

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing

LIENS 2..... CERCLA Lien Information

DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

CHMIRS..... California Hazardous Material Incident Report System

LDS..... Land Disposal Sites Listing

MCS..... Military Cleanup Sites Listing

SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated

FUDS..... Formerly Used Defense Sites

DOD..... Department of Defense Sites

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION..... 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS..... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems

ROD..... Records Of Decision

RMP..... Risk Management Plans

RAATS..... RCRA Administrative Action Tracking System

PRP..... Potentially Responsible Parties

PADS..... PCB Activity Database System

ICIS..... Integrated Compliance Information System

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

MLTS..... Material Licensing Tracking System

COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER..... PCB Transformer Registration Database

RADINFO..... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

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

CA BOND EXP. PLAN..... Bond Expenditure Plan

EXECUTIVE SUMMARY

Cortese.....	"Cortese" Hazardous Waste & Substances Sites 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
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

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

EXECUTIVE SUMMARY

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 08/03/2015 has revealed that there is 1 ENVIROSTOR 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>
BAY AVE SENIOR APART Facility Id: 60000900 Status: No Further Action	750 BAY AVE	W 1/4 - 1/2 (0.429 mi.)	12	22

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 06/15/2015 has revealed that there are 5 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>
CAPITOLA CORPORATION Status: Completed - Case Closed Status: Case Closed Global Id: T0608700303 Global ID: T0608700303	430 KENNEDY DR	N 1/8 - 1/4 (0.192 mi.)	A4	10
QUIK STOP #78 Status: Completed - Case Closed Global Id: T0608700177	5505 SOQUEL DR	N 1/4 - 1/2 (0.476 mi.)	B13	28
QUIK STOP MARKET NO Status: Remedial action (cleanup) Underway Global ID: T0608700177	5505 SOQUEL DR	N 1/4 - 1/2 (0.476 mi.)	B14	41
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW BRIGHTON STATE B Status: Completed - Case Closed Status: No Action Global Id: T0608700055 Global ID: T0608700055	1500 PARK AVE	E 1/4 - 1/2 (0.317 mi.)	9	15
CHEVRON STATION Status: Completed - Case Closed Status: Case Closed Global Id: T0608700293 Global ID: T0608700293	600 BAY AVE	WSW 1/4 - 1/2 (0.387 mi.)	11	19

EXECUTIVE SUMMARY

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 06/15/2015 has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THE FARM PROPERTY Facility Status: Completed - Case Closed Global Id: T10000005849	5555 SOQUEL DRIVE	NNE 1/4 - 1/2 (0.486 mi.)	B15	43

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NOBLE GULCH STORM DR Facility Status: Open - Assessment & Interim Remedial Action Global Id: T10000001580	370 BAY AVE	SW 1/4 - 1/2 (0.323 mi.)	10	19

State and tribal registered storage tank lists

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

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST 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>
CORPORATION YARD	430 KENNEDY	N 1/8 - 1/4 (0.192 mi.)	A3	9

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 08/03/2015 has revealed that there is 1 VCP 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>
BAY AVE SENIOR APART Status: No Further Action Facility Id: 60000900	750 BAY AVE	W 1/4 - 1/2 (0.429 mi.)	12	22

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank

EXECUTIVE SUMMARY

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 2 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>
CAPITOLA CORPORATION Status: A Tank Status: A Comp Number: 30346	430 KENNEDY DR	N 1/8 - 1/4 (0.192 mi.)	A4	10
SEVEN UP BOTTLING CO Status: A Tank Status: A Comp Number: 1152	1027 ROSEDALE AVE	NW 1/8 - 1/4 (0.241 mi.)	8	15

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF CAPITOLA COR Facility Id: 00000030346	430 KENNEDY DR	N 1/8 - 1/4 (0.192 mi.)	A2	8
SEVEN UP BOTTLING CO Facility Id: 00000001152	1027 ROSEDALE AVE	NW 1/8 - 1/4 (0.241 mi.)	8	15

Other Ascertainable Records

CUPA Listings: 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.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 4 CUPA Listings 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>
CITY OF CAPITOLA COR Facility Id: FA0002268	430 KENNEDY DR	N 1/8 - 1/4 (0.192 mi.)	A2	8
CENTRAL FIRE PROTECT Facility Id: FA0007000	410 KENNEDY DR	N 1/8 - 1/4 (0.197 mi.)	A5	14
EARTHWORKS PAVING CO Facility Id: FA0004397	310 KENNEDY DR #A	NNW 1/8 - 1/4 (0.227 mi.)	6	14
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALPHA MACHINE COMPAN	933 CHITTENDEN LN #A	N 1/8 - 1/4 (0.150 mi.)	A1	8

EXECUTIVE SUMMARY

Facility Id: FA0001752

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 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>
CAPITOLA CORPORATION Reg Id: 920	430 KENNEDY DR	N 1/8 - 1/4 (0.192 mi.)	A4	10
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW BRIGHTON STATE B Reg Id: 2348	1500 PARK AVE	E 1/4 - 1/2 (0.317 mi.)	9	15
CHEVRON STATION Reg Id: 892	600 BAY AVE	WSW 1/4 - 1/2 (0.387 mi.)	11	19

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 05/26/2015 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAY PHOTO INC MAIN L EPA Id: CAD982440273 Cleanup Status: CLOSED	2853 PARK AVE	NE 1/2 - 1 (0.635 mi.)	18	44

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 10/21/1993 has revealed that there are 2 Notify 65 sites 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>
ARCO GAS STATION	819 BAY AVENUE	W 1/2 - 1 (0.623 mi.)	C16	43
ARCO GAS STATION	819 BAY AVENUE	W 1/2 - 1 (0.623 mi.)	C17	44

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: 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 US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat 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>
Not reported	732 ROSEDALE AVE	W 1/8 - 1/4 (0.227 mi.)	7	14

EXECUTIVE SUMMARY

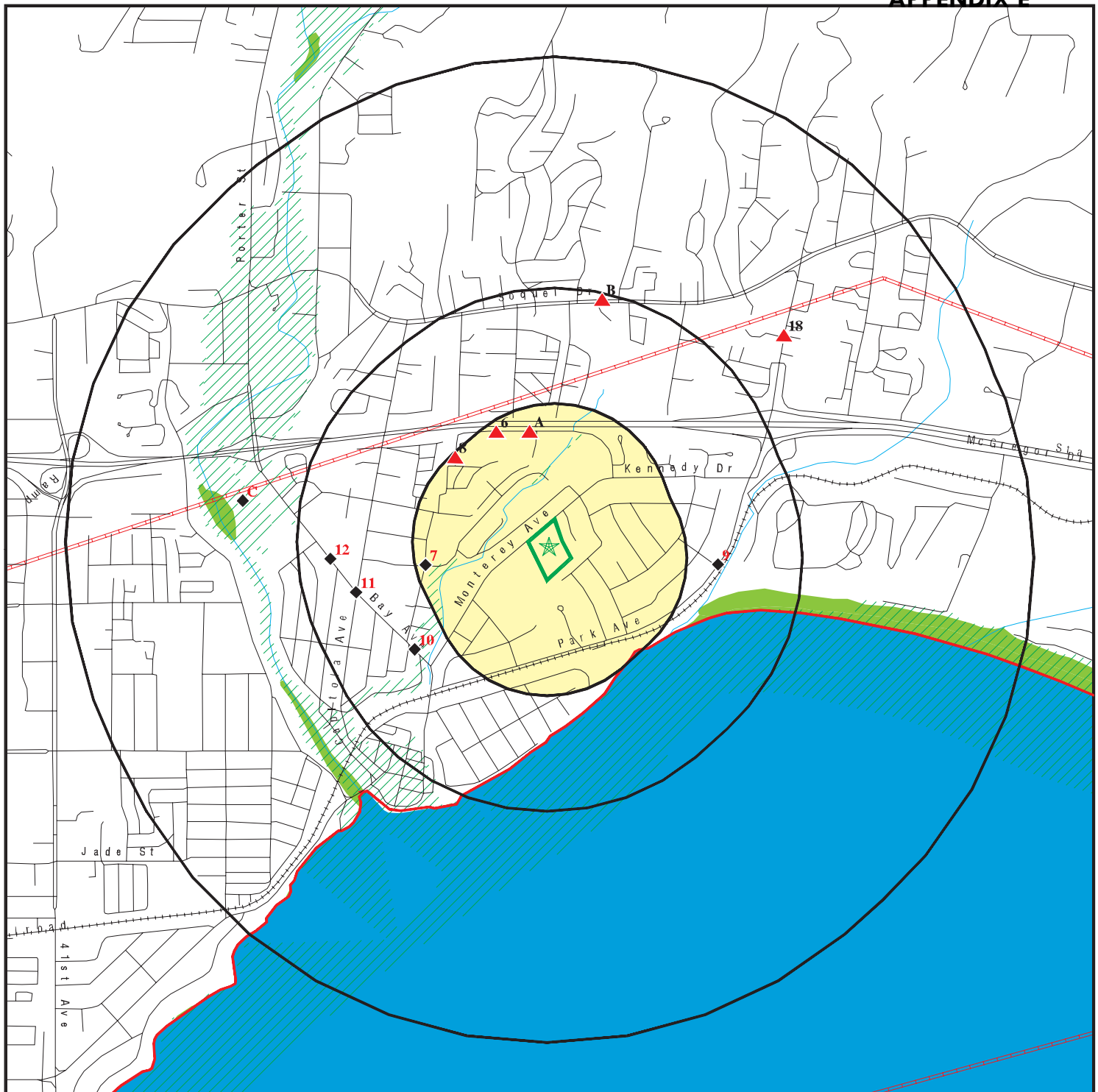
Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name


SCCSD RIO PUMPING STATION
MCGREGOR PROPERTY


Database(s)

LUST, HIST CORTESE
SLIC




 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


 County Boundary

 Pipelines

 100-year flood zone

 500-year flood zone

 National Wetland Inventory

 Areas of Concern

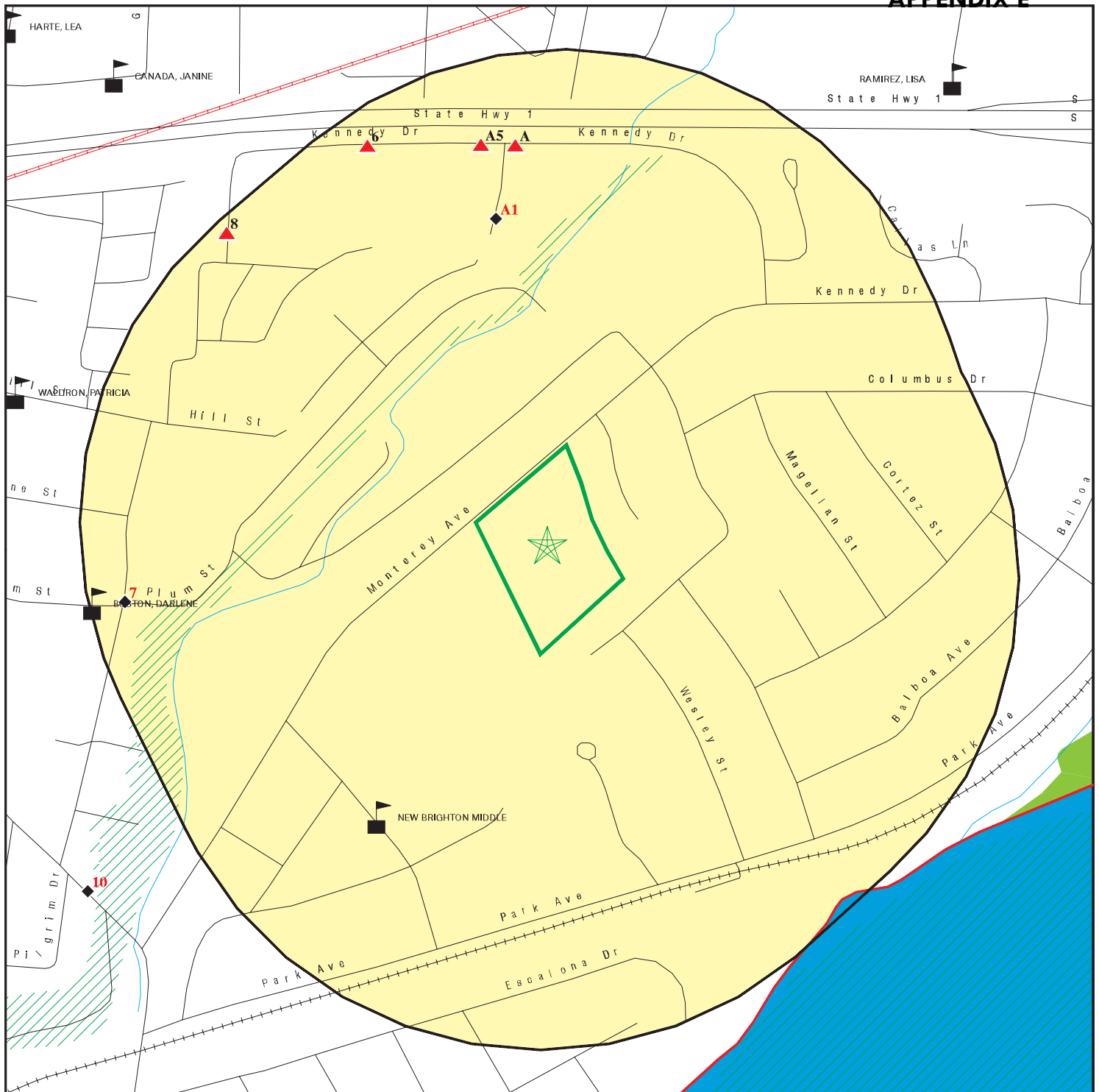
0 1/4 1/2 1 Miles



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: Monterey Avenue Park
ADDRESS: Monterey Avenue
Capitola CA 95010
LAT/LONG: 36.9801 / 121.9456

CLIENT: Weber, Hayes, & Associates
CONTACT: Sean Abbey
INQUIRY #: 4420002.2s
DATE: September 24, 2015 6:59 pm



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

County Boundary

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

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: Monterey Avenue Park
ADDRESS: Monterey Avenue
Capitola CA 95010
LAT/LONG: 36.9801 / 121.9456

CLIENT: Weber, Hayes, & Associates
CONTACT: Sean Abbey
INQUIRY #: 4420002.2s
DATE: September 24, 2015 7:00 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	1	0	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	1	4	NR	NR	5

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	4	NR	NR	NR	4
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	2	NR	NR	3
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0

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
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	2	NR	2
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	1	NR	NR	NR	1
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES***Exclusive Recovered Govt. Archives***

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		0	0	12	10	3	0	25
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

APPENDIX E

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	MAP FINDINGS		
A1 North 1/8-1/4 0.150 mi. 790 ft.	ALPHA MACHINE COMPANY INC 933 CHITTENDEN LN #A CAPITOLA, CA 95010	CUPA Listings	S110743097 N/A
Relative: Lower	CUPA SANTA CRUZ: Facility Id: FA0001752 Region: SANTA CRUZ Cross Street: KENNEDY DR Description: HMMP SHORT FORM BASE FEE		
Actual: 97 ft.			
A2 North 1/8-1/4 0.192 mi. 1014 ft.	CITY OF CAPITOLA CORPORATION YARD 430 KENNEDY DR CAPITOLA, CA 95010	HIST UST CUPA Listings	U001600924 N/A
Relative: Higher	HIST UST: Region: STATE Facility ID: 00000030346 Facility Type: Not reported Other Type: Not reported Contact Name: ED MORRISON Telephone: 4084757300 Owner Name: CITY OF CAPITOLA Owner Address: 420 CAPITOLA AVE. Owner City,St,Zip: CAPITOLA, CA 95010 Total Tanks: 0006		
Actual: 104 ft.	Tank Num: 001 Container Num: 1 Year Installed: Not reported Tank Capacity: 00004000 Tank Used for: PRODUCT Type of Fuel: UNLEADED Container Construction Thickness: Not reported Leak Detection: Visual		
	Tank Num: 002 Container Num: 3 Year Installed: 1979 Tank Capacity: 00000500 Tank Used for: PRODUCT Type of Fuel: REGULAR Container Construction Thickness: Not reported Leak Detection: Visual		
	Tank Num: 003 Container Num: 2 Year Installed: 1979 Tank Capacity: 00001000 Tank Used for: PRODUCT Type of Fuel: REGULAR Container Construction Thickness: Not reported Leak Detection: Visual		
	Tank Num: 004 Container Num: 3 Year Installed: 1979		

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	MAP FINDINGS		
	CITY OF CAPITOLA CORPORATION YARD (Continued)		U001600924
	Tank Capacity: 00000550 Tank Used for: PRODUCT Type of Fuel: DIESEL Container Construction Thickness: Not reported Leak Detection: Visual, None		
	Tank Num: 005 Container Num: 2 Year Installed: 1975 Tank Capacity: 00001000 Tank Used for: PRODUCT Type of Fuel: REGULAR Container Construction Thickness: Not reported Leak Detection: Visual		
	Tank Num: 006 Container Num: 1 Year Installed: 1979 Tank Capacity: 00004000 Tank Used for: PRODUCT Type of Fuel: UNLEADED Container Construction Thickness: Not reported Leak Detection: Visual, None		
	CUPA SANTA CRUZ: Facility Id: FA0002268 Region: SANTA CRUZ Cross Street: MONTEREY AVE Description: ABOVEGROUND PETROLEUM STORAGE-SPCC FACILITY		
	Facility Id: FA0002268 Region: SANTA CRUZ Cross Street: MONTEREY AVE Description: HAZARDOUS WASTE GENERATOR (HMMP STD FORM)		
	Facility Id: FA0002268 Region: SANTA CRUZ Cross Street: MONTEREY AVE Description: HMMP STANDARD FORM FILING FEE		
A3 North 1/8-1/4 0.192 mi. 1014 ft.	CORPORATION YARD 430 KENNEDY CAPITOLA, CA 95010	AST	A100339552 N/A
Relative: Higher	Site 3 of 5 in cluster A AST: Certified Unified Program Agencies: Santa Cruz Owner: CITY OF CAPITOLA Total Gallons: 3,000		
Actual: 104 ft.			

APPENDIX E

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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A4 **CAPITOLA CORPORATION YARD**
North **430 KENNEDY DR**
1/8-1/4 **CAPITOLA, CA 95010**
0.192 mi.
1014 ft. **Site 4 of 5 in cluster A**

Relative: LUST:
Higher Region: STATE
Global Id: T0608700303
Latitude: 36.983086
Longitude: -121.944885
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 07/28/1992
Lead Agency: Not reported
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 920
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

Status History:
Global Id: T0608700303
Status: Completed - Case Closed
Status Date: 07/28/1992

Global Id: T0608700303
Status: Open - Case Begin Date
Status Date: 05/30/1990

Global Id: T0608700303
Status: Open - Site Assessment
Status Date: 10/09/1990

Regulatory Activities:
Global Id: T0608700303
Action Type: Other
Date: 10/09/1990
Action: Leak Reported

Global Id: T0608700303
Action Type: ENFORCEMENT
Date: 07/28/1992
Action: State Water Board Closure Order

Global Id: T0608700303
Action Type: Other
Date: 05/30/1990
Action: Leak Stopped

Global Id: T0608700303
Action Type: ENFORCEMENT
Date: 10/09/1990
Action: Unauthorized Release Form

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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CAPITOLA CORPORATION YARD (Continued) **S101304402**
Global Id: T0608700303
Action Type: ENFORCEMENT
Date: 10/03/1990
Action: Staff Letter

LUST REG 3:
Region: 3
Regional Board: Central Coast Region
Facility County: Santa Cruz
Global ID: T0608700303
Status: Case Closed
Case Number: 920
Local Case Num: Not reported
Case Type: S
Substance: Diesel
Quantity: Not reported
Abatement Method: U
Leak Source: Tank
Leak Cause: Overfill
How Stopped: Not reported
How Discovered: Tank Closure
Release Date: 10/09/1990
Discovered Date: Not reported
Enter Date: 01/01/1980
Stop Date: 5/30/90
Review Date: 03/14/1994
Enforce Date: 1/1/65
Close Date: 7/28/92
Enforcement Type: None Taken
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: MONTEREY AVENUE
Local Agency: 44000
Lead Agency: Local Agency
Staff Initials: HDC
Confirm Leak: 10/9/90
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Pilot Program: UST
Interim Action: 0
Funding: R
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NRQ
Lat/Long: 36.9836043 / -121.9446394
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 0

APPENDIX E

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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CAPITOLA CORPORATION YARD (Continued)

S101304402

Org Name: Not reported
 Basin Plan: 4.13
 Beneficial: Not reported
 Priority: 0
 UST Cleanup Fund ID: Not reported
 Suspended: Not reported
 Operator: Not reported
 Water System: SOQUEL CREEK WATER DISTRICT
 Well Name: MONTEREY WTP - TREATED
 Distance From Well: 0
 Assigned Name: E44/017-TRTDMON
 Summary: **** CASE CLOSED ****

SWEEPS UST:

Status: Not reported
 Comp Number: 30346
 Number: Not reported
 Board Of Equalization: 44-031737
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: 44-000-030346-000001
 Tank Status: Not reported
 Capacity: 4000
 Active Date: Not reported
 Tank Use: M.V. FUEL
 STG: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: 3

Status: Not reported
 Comp Number: 30346
 Number: Not reported
 Board Of Equalization: 44-031737
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: 44-000-030346-000002
 Tank Status: Not reported
 Capacity: 2000
 Active Date: Not reported
 Tank Use: M.V. FUEL
 STG: PRODUCT
 Content: LEADED
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 30346
 Number: Not reported
 Board Of Equalization: 44-031737
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: 44-000-030346-000004

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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CAPITOLA CORPORATION YARD (Continued)

S101304402

Tank Status: Not reported
 Capacity: 550
 Active Date: Not reported
 Tank Use: M.V. FUEL
 STG: PRODUCT
 Content: DIESEL
 Number Of Tanks: Not reported

Status: Active
 Comp Number: 30346
 Number: 4
 Board Of Equalization: 44-031737
 Referral Date: 10-04-90
 Action Date: 10-04-90
 Created Date: 12-31-88
 Owner Tank Id: 2
 SWRCB Tank Id: 44-000-030346-000003
 Tank Status: A
 Capacity: 1000
 Active Date: 07-01-85
 Tank Use: M.V. FUEL
 STG: P
 Content: LEADED
 Number Of Tanks: 3

Status: Active
 Comp Number: 30346
 Number: 4
 Board Of Equalization: 44-031737
 Referral Date: 10-04-90
 Action Date: 10-04-90
 Created Date: 12-31-88
 Owner Tank Id: 2
 SWRCB Tank Id: 44-000-030346-000005
 Tank Status: A
 Capacity: 1000
 Active Date: 07-01-85
 Tank Use: M.V. FUEL
 STG: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: Active
 Comp Number: 30346
 Number: 4
 Board Of Equalization: 44-031737
 Referral Date: 10-04-90
 Action Date: 10-04-90
 Created Date: 12-31-88
 Owner Tank Id: 1
 SWRCB Tank Id: 44-000-030346-000006
 Tank Status: A
 Capacity: 4000
 Active Date: 07-01-85
 Tank Use: M.V. FUEL
 STG: P
 Content: REG UNLEADED

APPENDIX E

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	<div> <div>MAP FINDINGS</div> </div>		
	CAPITOLA CORPORATION YARD (Continued)		S101304402
	Number Of Tanks: Not reported		
	HIST CORTESE:		
	Region: CORTESE		
	Facility County Code: 44		
	Reg By: LTNKA		
	Reg Id: 920		
A5 North 1/8-1/4 0.197 mi. 1041 ft.	CENTRAL FIRE PROTECTION DISTRICT #3 410 KENNEDY DR CAPITOLA, CA 95010 Site 5 of 5 in cluster A	CUPA Listings	S111456309 N/A
Relative: Higher	CUPA SANTA CRUZ: Facility Id: FA0007000 Region: SANTA CRUZ Cross Street: PARK AVE Description: HAZARDOUS WASTE GENERATOR (HMMP STD FORM)		
Actual: 104 ft.	Facility Id: FA0007000 Region: SANTA CRUZ Cross Street: PARK AVE Description: HMMP STANDARD FORM FILING FEE		
6 NNW 1/8-1/4 0.227 mi. 1199 ft.	EARTHWORKS PAVING CONTRACTORS INC 310 KENNEDY DR #A CAPITOLA, CA 95010	CUPA Listings	S111456304 N/A
Relative: Higher	CUPA SANTA CRUZ: Facility Id: FA0004397 Region: SANTA CRUZ Cross Street: PARK AVE Description: HAZARDOUS WASTE GENERATOR (HMMP STD FORM)		
Actual: 123 ft.	Facility Id: FA0004397 Region: SANTA CRUZ Cross Street: PARK AVE Description: HMMP STANDARD FORM FILING FEE		
7 West 1/8-1/4 0.227 mi. 1199 ft.	732 ROSEDALE AVE CAPITOLA, CA 95010	EDR US Hist Auto Stat	1015619661 N/A
Relative: Lower	EDR Historical Auto Stations: Name: MODERN MECHANIC Year: 2004 Address: 732 ROSEDALE AVE		
Actual: 58 ft.			

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	<div> <div>MAP FINDINGS</div> </div>		
8 NW 1/8-1/4 0.241 mi. 1273 ft.	SEVEN UP BOTTLING CO. 1027 ROSEDALE AVE CAPITOLA, CA 95010		SWEEPS UST HIST UST U001600933 N/A
Relative: Higher	SWEEPS UST: Status: Active Comp Number: 1152 Number: 9 Board Of Equalization: 44-000002 Referral Date: 07-01-85 Action Date: Not reported Created Date: 12-31-88 Owner Tank Id: #ONE SWRCB Tank Id: 44-000-001152-000001 Tank Status: A Capacity: 550 Active Date: 07-01-85 Tank Use: M.V. FUEL STG: P Content: LEADED Number Of Tanks: 1		
Actual: 124 ft.			
	HIST UST: Region: STATE Facility ID: 00000001152 Facility Type: Other Other Type: WAREHOUSE Contact Name: DONALD VERCH Telephone: 4158224700 Owner Name: SEVEN UP BOTTLING CO. Owner Address: 1590 YOSEMITE AVE. Owner City,St,Zip: SAN FRANCISCO., CA 94124 Total Tanks: 0001 Tank Num: 001 Container Num: #ONE Year Installed: 1960 Tank Capacity: 00000550 Tank Used for: PRODUCT Type of Fuel: REGULAR Container Construction Thickness: Not reported Leak Detection: None		
9 East 1/4-1/2 0.317 mi. 1676 ft.	NEW BRIGHTON STATE BEACH 1500 PARK AVE CAPITOLA, CA 95010		LUST SWEEPS UST CUPA Listings HIST CORTESE S104162676 N/A
Relative: Lower	LUST: Region: STATE Global Id: T0608700055 Latitude: 36.979784 Longitude: -121.937569 Case Type: Not reported Status: Completed - Case Closed Status Date: 01/01/1975		
Actual: 86 ft.			

APPENDIX E

Map ID		MAP FINDINGS		
Direction				
Distance				
Elevation				
Site			Database(s)	EDR ID Number EPA ID Number

NEW BRIGHTON STATE BEACH (Continued)

S104162676

Lead Agency: Not reported
Case Worker: SB
Local Agency: Not reported
RB Case Number: 2348
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608700055
Contact Type: Local Agency Caseworker
Contact Name: STEVE BAIOCCHI
Organization Name: SANTA CRUZ COUNTY LOP
Address: 701 Ocean Street, Room 312
City: SANTA CRUZ
Email: steve.baiochi@co.santa-cruz.ca.us
Phone Number: 8314542754

Status History:
Global Id: T0608700055
Status: Completed - Case Closed
Status Date: 01/01/1975

Global Id: T0608700055
Status: Open - Case Begin Date
Status Date: 01/01/1975

Regulatory Activities:
Global Id: T0608700055
Action Type: ENFORCEMENT
Date: 04/05/1993
Action: Unauthorized Release Form

Global Id: T0608700055
Action Type: Other
Date: 12/30/1992
Action: Leak Discovery

Global Id: T0608700055
Action Type: Other
Date: 04/05/1993
Action: Leak Reported

Global Id: T0608700055
Action Type: ENFORCEMENT
Date: 04/05/1993
Action: Unauthorized Release Form

LUST REG 3:
Region: 3
Regional Board: Central Coast Region

Map ID		MAP FINDINGS		
Direction				
Distance				
Elevation				
Site			Database(s)	EDR ID Number EPA ID Number

NEW BRIGHTON STATE BEACH (Continued)

S104162676

Facility County: Santa Cruz
Global ID: T0608700055
Status: No Action
Case Number: 2348
Local Case Num: Not reported
Case Type: U
Substance: Unleaded Gasoline
Quantity: Not reported
Abatement Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table

Leak Source: Piping
Leak Cause: UNK
How Stopped: Not reported
How Discovered: Tank Test
Release Date: 04/05/1993
Discovered Date: 12/30/92
Enter Date: 05/12/1993
Stop Date: Not reported
Review Date: 05/12/1993
Enforce Date: Not reported
Close Date: Not reported
Enforcement Type: Not reported
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: HWY 1
Local Agency: 44000
Lead Agency: Local Agency
Staff Initials: BUC
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: +
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.9837843 / -121.9371701
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: 4.13
Beneficial: Not reported
Priority: 4
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported

APPENDIX E

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

NEW BRIGHTON STATE BEACH (Continued)

S104162676

Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: UPON DISCOVERY OF LEAK, TANK WAS EMPTIED AND TAKEN OUT OF SERVICE. OFFICE OF STATE ARCHITECT HAS LEAD AUTHORITY ON TANKREMOVAL. THEY HAVE BEEN CONTACTED AND REQUESTED TO REMOVE TANK.

SWEEPS UST:

Status: Active
Comp Number: 24620
Number: 6
Board Of Equalization: Not reported
Referral Date: 02-14-92
Action Date: 02-14-92
Created Date: 06-15-90
Owner Tank Id: Not reported
SWRCB Tank Id: 44-000-024620-000001
Tank Status: A
Capacity: 2000
Active Date: 06-15-90
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 3

Status: Active
Comp Number: 24620
Number: 6
Board Of Equalization: Not reported
Referral Date: 02-14-92
Action Date: 02-14-92
Created Date: 06-15-90
Owner Tank Id: Not reported
SWRCB Tank Id: 44-000-024620-000002
Tank Status: A
Capacity: 2000
Active Date: 06-15-90
Tank Use: CHEMICAL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 24620
Number: 6
Board Of Equalization: Not reported
Referral Date: 02-14-92
Action Date: 02-14-92
Created Date: 06-15-90
Owner Tank Id: 3
SWRCB Tank Id: 44-000-024620-000003
Tank Status: A
Capacity: 1000
Active Date: 02-14-92
Tank Use: M.V. FUEL
STG: P

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

NEW BRIGHTON STATE BEACH (Continued)

S104162676

Content: REG UNLEADED
Number Of Tanks: Not reported

CUPA SANTA CRUZ:

Facility Id: FA0003452
Region: SANTA CRUZ
Cross Street: MC GREGOR DRIVE
Description: HMMP STANDARD FORM FILING FEE

HIST CORTESE:

Region: CORTESE
Facility County Code: 44
Reg By: LTNKA
Reg Id: 2348

10
SW
1/4-1/2
0.323 mi.
1705 ft.

NOBLE GULCH STORM DRAIN
370 BAY AVE
CAPITOLA, CA 95010

SLIC S110041780
N/A

Relative:
Lower

Actual:
43 ft.

SLIC:
Region: STATE
Facility Status: Open - Assessment & Interim Remedial Action
Status Date: 08/28/2008
Global Id: T10000001580
Lead Agency: SANTA CRUZ COUNTY LOP
Lead Agency Case Number: RO0000270
Latitude: 36.9768460446578
Longitude: -121.950269937515
Case Type: Cleanup Program Site
Case Worker: JBG
Local Agency: SANTA CRUZ COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Soil, Surface water
Potential Contaminants of Concern: DDD / DDE / DDT, Other Insecticides / Pesticide / Fumigants / Herbicides, Diesel, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

11
WSW
1/4-1/2
0.387 mi.
2045 ft.

CHEVRON STATION
600 BAY AVE
CAPITOLA, CA 95010

LUST S101309562
HIST CORTESE N/A

Relative:
Lower

Actual:
55 ft.

LUST:
Region: STATE
Global Id: T0608700293
Latitude: 36.979139
Longitude: -121.953294
Case Type: Not reported
Status: Completed - Case Closed

APPENDIX E

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

CHEVRON STATION (Continued)

S101309562

Status Date: 02/24/2000
Lead Agency: Not reported
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 892
LOC Case Number: Not reported
File Location: State Records Center
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0608700293
Contact Type: Local Agency Caseworker
Contact Name: TIM EPPERSON
Organization Name: SANTA CRUZ COUNTY LOP
Address: 701 Ocean Street, Room 312
City: Santa Cruz
Email: tim.epperson@co.santa-cruz.ca.us
Phone Number: 8314542753

Status History:

Global Id: T0608700293
Status: Completed - Case Closed
Status Date: 02/24/2000

Global Id: T0608700293
Status: Open - Case Begin Date
Status Date: 11/18/1988

Global Id: T0608700293
Status: Open - Verification Monitoring
Status Date: 06/20/1990

Regulatory Activities:

Global Id: T0608700293
Action Type: Other
Date: 11/18/1988
Action: Leak Discovery

Global Id: T0608700293
Action Type: Other
Date: 12/06/1989
Action: Leak Reported

Global Id: T0608700293
Action Type: ENFORCEMENT
Date: 11/27/1990
Action: * Historical Enforcement

LUST REG 3:

Region: 3
Regional Board: Central Coast Region

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

CHEVRON STATION (Continued)

S101309562

Facility County: Santa Cruz
Global ID: T0608700293
Status: Case Closed
Case Number: 892
Local Case Num: Not reported
Case Type: O
Substance: Gasoline
Quantity: Not reported
Abatement Method: No Action Taken - no action has as yet been taken at the site
Leak Source: Tank
Leak Cause: UNK
How Stopped: Not reported
How Discovered: OM
Release Date: 12/06/1989
Discovered Date: 11/18/88
Enter Date: 12/01/1990
Stop Date: Not reported
Review Date: 04/26/1999
Enforce Date: 11/27/90
Close Date: 1/29/99
Enforcement Type: EF
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: Not reported
Local Agency: 44000
Lead Agency: Regional Board
Staff Initials: BUC
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: 06/20/1990
Pilot Program: UST
Interim Action: 0
Funding: R
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: YES
Lat/Long: 36.9787324 / -121.9530768
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 1
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: 4.13
Beneficial: Not reported
Priority: 3A3
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported

APPENDIX E

Map ID		MAP FINDINGS		
Direction				
Distance				
Elevation				
Site			Database(s)	EDR ID Number EPA ID Number

CHEVRON STATION (Continued)

S101309562

Distance From Well: 0
Assigned Name: Not reported
Summary: NEAR COMPLIANCE WITH DHS MCL STANDARDS FOR PETROLEUM CONTAMINANTS. SEMIANNUAL GROUNDWATER MONITORING CONTINUES. BOARD CLOSED CASE AT 1/29/99 MEETING. NEED MW DESTRUCTION REPORT BEFORE FINAL CLOSURE LETTER.

HIST CORTESE:

Region: CORTESE
Facility County Code: 44
Reg By: LTNKA
Reg Id: 892

12
West
1/4-1/2
0.429 mi.
2263 ft.

BAY AVE SENIOR APARTMENTS
750 BAY AVE
CAPITOLA, CA 95010

ENVIROSTOR
VCP
NPDES
S109691809
N/A

Relative:
Lower

Actual:
56 ft.

ENVIROSTOR:

Facility ID: 60000900
Status: No Further Action
Status Date: 03/25/2011
Site Code: 201791
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 4.7
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Henry Chui
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 29
Senate: 17
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 36.98051
Longitude: -121.9538
APN: 036-051-33
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Arsenic Dieldrin
Confirmed COC: Arsenic Dieldrin
Potential Description: SOIL
Alias Name: 036-051-33
Alias Type: APN
Alias Name: 201791
Alias Type: Project Code (Site Code)
Alias Name: 60000900
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/05/2008

Map ID		MAP FINDINGS		
Direction				
Distance				
Elevation				
Site			Database(s)	EDR ID Number EPA ID Number

BAY AVE SENIOR APARTMENTS (Continued)

S109691809

Comments: VCA fully executed on 6/5/08. Copy mailed to RP on 6/5/08.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 12/17/2008
Comments: First Amendment to the VCA fully executed on 12/17/08.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/06/2008
Comments: DTSC review completed and determination letter issued on 8/6/08. Based on existing data, current site conditions do not pose a human or ecological risk under a residential land use scenario.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/27/2009
Comments: DTSC approves workplan 3/27/09.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/10/2009
Comments: Field work completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/25/2011
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 60000900
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 4.7
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Henry Chui
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley

APPENDIX E

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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BAY AVE SENIOR APARTMENTS (Continued)

S109691809

Site Code: 201791
 Assembly: 29
 Senate: 17
 Special Programs Code: Voluntary Cleanup Program
 Status: No Further Action
 Status Date: 03/25/2011
 Restricted Use: NO
 Funding: Responsible Party
 Lat/Long: 36.98051 / -121.9538
 APN: 036-051-33
 Past Use: AGRICULTURAL - ROW CROPS
 Potential COC: 30001, 30207
 Confirmed COC: 30001,30207
 Potential Description: SOIL
 Alias Name: 036-051-33
 Alias Type: APN
 Alias Name: 201791
 Alias Type: Project Code (Site Code)
 Alias Name: 60000900
 Alias Type: Envirostor ID Number

 Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Voluntary Cleanup Agreement
 Completed Date: 06/05/2008
 Comments: VCA fully executed on 6/5/08. Copy mailed to RP on 6/5/08.

 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Amendment - Order/Agreement
 Completed Date: 12/17/2008
 Comments: First Amendment to the VCA fully executed on 12/17/08.

 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Characterization Report
 Completed Date: 08/06/2008
 Comments: DTSC review completed and determination letter issued on 8/6/08.
 Based on exisitng data, current site conditions do not pose a human
 or ecological risk under a residential land use scenario.

 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Characterization Workplan
 Completed Date: 03/27/2009
 Comments: DTSC approves workplan 3/27/09.

 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Fieldwork
 Completed Date: 04/10/2009
 Comments: Field work completed.

 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Characterization Report
 Completed Date: 03/25/2011

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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BAY AVE SENIOR APARTMENTS (Continued)

S109691809

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

 NPDES:
 Npdes Number: CAS000002
 Facility Status: Active
 Agency Id: 0
 Region: 3
 Regulatory Measure Id: 362078
 Order No: 2009-0009-DWQ
 Regulatory Measure Type: Enrollee
 Place Id: Not reported
 WDID: 3 44C354876
 Program Type: Construction
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 03/24/2009
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: First Community Housing
 Discharge Address: 75 E Santa Clara St Ste 1250
 Discharge City: San Jose
 Discharge State: California
 Discharge Zip: 95113
 RECEIVED DATE: Not reported
 PROCESSED DATE: Not reported
 STATUS CODE NAME: Not reported
 STATUS DATE: Not reported
 PLACE SIZE: Not reported
 PLACE SIZE UNIT: Not reported
 FACILITY CONTACT NAME: Not reported
 FACILITY CONTACT TITLE: Not reported
 FACILITY CONTACT PHONE: Not reported
 FACILITY CONTACT PHONE EXT: Not reported
 FACILITY CONTACT EMAIL: Not reported
 OPERATOR NAME: Not reported
 OPERATOR ADDRESS: Not reported
 OPERATOR CITY: Not reported
 OPERATOR STATE: Not reported
 OPERATOR ZIP: Not reported
 OPERATOR CONTACT NAME: Not reported
 OPERATOR CONTACT TITLE: Not reported
 OPERATOR CONTACT PHONE: Not reported
 OPERATOR CONTACT PHONE EXT: Not reported
 OPERATOR CONTACT EMAIL: Not reported
 OPERATOR TYPE: Not reported
 DEVELOPER NAME: Not reported
 DEVELOPER ADDRESS: Not reported
 DEVELOPER CITY: Not reported

APPENDIX E

Map ID	Direction	Distance	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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BAY AVE SENIOR APARTMENTS (Continued)

S109691809

DEVELOPER STATE: Not reported
 DEVELOPER ZIP: Not reported
 DEVELOPER CONTACT NAME: Not reported
 DEVELOPER CONTACT TITLE: Not reported
 CONSTYPE LINEAR UTILITY IND: Not reported
 EMERGENCY PHONE NO: Not reported
 EMERGENCY PHONE EXT: Not reported
 CONSTYPE ABOVE GROUND IND: Not reported
 CONSTYPE BELOW GROUND IND: Not reported
 CONSTYPE CABLE LINE IND: Not reported
 CONSTYPE COMM LINE IND: Not reported
 CONSTYPE COMMERTIAL IND: Not reported
 CONSTYPE ELECTRICAL LINE IND: Not reported
 CONSTYPE GAS LINE IND: Not reported
 CONSTYPE INDUSTRIAL IND: Not reported
 CONSTYPE OTHER DESRIPTION: Not reported
 CONSTYPE OTHER IND: Not reported
 CONSTYPE RECONS IND: Not reported
 CONSTYPE RESIDENTIAL IND: Not reported
 CONSTYPE TRANSPORT IND: Not reported
 CONSTYPE UTILITY DESCRIPTION: Not reported
 CONSTYPE UTILITY IND: Not reported
 CONSTYPE WATER SEWER IND: Not reported
 DIR DISCHARGE USWATER IND: Not reported
 RECEIVING WATER NAME: Not reported
 CERTIFIER NAME: Not reported
 CERTIFIER TITLE: Not reported
 CERTIFICATION DATE: Not reported
 PRIMARY SIC: Not reported
 SECONDARY SIC: Not reported
 TERTIARY SIC: Not reported

 Npdes Number: Not reported
 Facility Status: Not reported
 Agency Id: Not reported
 Region: 3
 Regulatory Measure Id: 362078
 Order No: Not reported
 Regulatory Measure Type: Construction
 Place Id: Not reported
 WDID: 3 44C354876
 Program Type: Not reported
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: Not reported
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: Not reported
 Discharge Address: Not reported
 Discharge City: Not reported
 Discharge State: Not reported
 Discharge Zip: Not reported
 RECEIVED DATE: 3/5/2009
 PROCESSED DATE: 3/24/2009
 STATUS CODE NAME: Active
 STATUS DATE: 3/24/2009
 PLACE SIZE: 4.18
 PLACE SIZE UNIT: Acres

Map ID	Direction	Distance	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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BAY AVE SENIOR APARTMENTS (Continued)

S109691809

FACILITY CONTACT NAME: Storm Water Coordinator
 FACILITY CONTACT TITLE: Not reported
 FACILITY CONTACT PHONE: 999-999-9999
 FACILITY CONTACT PHONE EXT: Not reported
 FACILITY CONTACT EMAIL: Not reported
 OPERATOR NAME: First Community Housing
 OPERATOR ADDRESS: 75 E Santa Clara St Ste 1250
 OPERATOR CITY: San Jose
 OPERATOR STATE: California
 OPERATOR ZIP: 95113
 OPERATOR CONTACT NAME: Jeff Oberdorfer
 OPERATOR CONTACT TITLE: Not reported
 OPERATOR CONTACT PHONE: 408-291-8650
 OPERATOR CONTACT PHONE EXT: Not reported
 OPERATOR CONTACT EMAIL: Not reported
 OPERATOR TYPE: Private Business
 DEVELOPER NAME: First Community Housing
 DEVELOPER ADDRESS: 75 East Santa Clara
 DEVELOPER CITY: San Jose
 DEVELOPER STATE: California
 DEVELOPER ZIP: 95113
 DEVELOPER CONTACT NAME: Marty Keller
 DEVELOPER CONTACT TITLE: Director
 CONSTYPE LINEAR UTILITY IND: Not reported
 EMERGENCY PHONE NO: 999-999-9999
 EMERGENCY PHONE EXT: Not reported
 CONSTYPE ABOVE GROUND IND: Not reported
 CONSTYPE BELOW GROUND IND: Not reported
 CONSTYPE CABLE LINE IND: Not reported
 CONSTYPE COMM LINE IND: Not reported
 CONSTYPE COMMERTIAL IND: Not reported
 CONSTYPE ELECTRICAL LINE IND: Not reported
 CONSTYPE GAS LINE IND: Not reported
 CONSTYPE INDUSTRIAL IND: Not reported
 CONSTYPE OTHER DESRIPTION: Not reported
 CONSTYPE OTHER IND: Not reported
 CONSTYPE RECONS IND: Not reported
 CONSTYPE RESIDENTIAL IND: Y
 CONSTYPE TRANSPORT IND: Not reported
 CONSTYPE UTILITY DESCRIPTION: Not reported
 CONSTYPE UTILITY IND: Y
 CONSTYPE WATER SEWER IND: Not reported
 DIR DISCHARGE USWATER IND: Not reported
 RECEIVING WATER NAME: Not reported
 CERTIFIER NAME: Marty Keller
 CERTIFIER TITLE: Not reported
 CERTIFICATION DATE: 09-JUN-10
 PRIMARY SIC: Not reported
 SECONDARY SIC: Not reported
 TERTIARY SIC: Not reported

APPENDIX E

Map ID	MAP FINDINGS	EDR ID Number
Direction		EPA ID Number
Distance		
Elevation		
Site	Database(s)	

B13 **QUIK STOP #78** **LUST** **U001602121**
North **5505 SOQUEL DR** **HIST UST** **N/A**
1/4-1/2 **SOQUEL, CA 95073**
0.476 mi.
2515 ft. **Site 1 of 3 in cluster B**

Relative: LUST:
Higher Region: STATE
Global Id: T0608700177
Latitude: 36.9879686302154
Longitude: -121.944318652115
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 03/04/2014
Lead Agency: Not reported
Case Worker: TAS
Local Agency: Not reported
RB Case Number: 3257
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply, Other Groundwater (uses other than drinking water), Soil, Surface water
Potential Contaminants of Concern: MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: Semiannual Monitoring and Sampling,

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

Contact:
Global Id: T0608700177
Contact Type: Regional Board Caseworker
Contact Name: TOM SAYLES
Organization Name: CENTRAL COAST RWQCB (REGION 3)
Address: 895 AEROVISTA PL, SUITE 101
City: SAN LUIS OBISPO
Email: tsayles@waterboards.ca.gov
Phone Number: Not reported
Global Id: T0608700177
Contact Type: Local Agency Caseworker
Contact Name: Rebecca Supplee
Organization Name: SANTA CRUZ COUNTY LOP
Address: 701 OCEAN STREET, ROOM 312
City: SANTA CRUZ
Email: rebecca.supplee@co.santa-cruz.ca.us
Phone Number: Not reported

Status History:
Global Id: T0608700177
Status: Completed - Case Closed
Status Date: 03/04/2014
Global Id: T0608700177
Status: Open - Case Begin Date
Status Date: 11/12/1998
Global Id: T0608700177
Status: Open - Eligible for Closure
Status Date: 03/11/2013

Map ID	MAP FINDINGS	EDR ID Number
Direction		EPA ID Number
Distance		
Elevation		
Site	Database(s)	

QUIK STOP #78 (Continued) **U001602121**

Global Id: T0608700177
Status: Open - Remediation
Status Date: 10/30/2000
Global Id: T0608700177
Status: Open - Remediation
Status Date: 05/07/2003
Global Id: T0608700177
Status: Open - Remediation
Status Date: 08/11/2003
Global Id: T0608700177
Status: Open - Remediation
Status Date: 09/15/2003
Global Id: T0608700177
Status: Open - Remediation
Status Date: 10/20/2003
Global Id: T0608700177
Status: Open - Remediation
Status Date: 05/21/2004
Global Id: T0608700177
Status: Open - Remediation
Status Date: 06/23/2004
Global Id: T0608700177
Status: Open - Remediation
Status Date: 08/17/2004
Global Id: T0608700177
Status: Open - Remediation
Status Date: 12/22/2004
Global Id: T0608700177
Status: Open - Remediation
Status Date: 02/24/2005
Global Id: T0608700177
Status: Open - Remediation
Status Date: 03/21/2005
Global Id: T0608700177
Status: Open - Remediation
Status Date: 04/20/2005
Global Id: T0608700177
Status: Open - Remediation
Status Date: 07/20/2005
Global Id: T0608700177
Status: Open - Remediation
Status Date: 08/20/2005
Global Id: T0608700177

APPENDIX E

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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QUIK STOP #78 (Continued)

U001602121

Status: Open - Remediation
Status Date: 09/20/2005

Global Id: T0608700177
Status: Open - Remediation
Status Date: 10/24/2005

Global Id: T0608700177
Status: Open - Remediation
Status Date: 11/20/2005

Global Id: T0608700177
Status: Open - Remediation
Status Date: 12/28/2005

Global Id: T0608700177
Status: Open - Remediation
Status Date: 01/23/2006

Global Id: T0608700177
Status: Open - Remediation
Status Date: 03/25/2006

Global Id: T0608700177
Status: Open - Remediation
Status Date: 08/02/2006

Global Id: T0608700177
Status: Open - Remediation
Status Date: 08/23/2006

Global Id: T0608700177
Status: Open - Remediation
Status Date: 03/30/2007

Global Id: T0608700177
Status: Open - Remediation
Status Date: 04/15/2007

Global Id: T0608700177
Status: Open - Remediation
Status Date: 10/18/2007

Global Id: T0608700177
Status: Open - Site Assessment
Status Date: 10/15/1999

Global Id: T0608700177
Status: Open - Verification Monitoring
Status Date: 02/20/2005

Regulatory Activities:
Global Id: T0608700177
Action Type: RESPONSE
Date: 03/20/2009
Action: CAP/RAP - Feasibility Study Report

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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QUIK STOP #78 (Continued)

U001602121

Global Id: T0608700177
Action Type: ENFORCEMENT
Date: 04/17/2001
Action: 13267 Monitoring Program

Global Id: T0608700177
Action Type: RESPONSE
Date: 05/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2005
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 12/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 08/01/2006
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/30/2007
Action: Other Report / Document

Global Id: T0608700177
Action Type: RESPONSE
Date: 10/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/30/2007
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/30/2008
Action: Other Report / Document

Global Id: T0608700177
Action Type: RESPONSE

APPENDIX E

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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QUIK STOP #78 (Continued)

U001602121

Date: 12/30/2009
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 06/30/2009
Action: CAP/RAP - Other Report

Global Id: T0608700177
Action Type: ENFORCEMENT
Date: 01/30/2009
Action: 13267 Requirement

Global Id: T0608700177
Action Type: ENFORCEMENT
Date: 01/08/2009
Action: File review

Global Id: T0608700177
Action Type: RESPONSE
Date: 06/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608700177
Action Type: ENFORCEMENT
Date: 06/29/2009
Action: Staff Letter

Global Id: T0608700177
Action Type: RESPONSE
Date: 10/20/2002
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2009
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 06/20/2005
Action: Other Report / Document

Global Id: T0608700177
Action Type: RESPONSE
Date: 10/20/2005
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/30/2007
Action: Other Report / Document

Global Id: T0608700177
Action Type: RESPONSE
Date: 11/30/2006
Action: Other Report / Document

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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QUIK STOP #78 (Continued)

U001602121

Global Id: T0608700177
Action Type: RESPONSE
Date: 06/30/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608700177
Action Type: RESPONSE
Date: 06/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 10/20/2007
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 10/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 03/30/2007
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/20/2009
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 08/20/2005
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 09/20/2005
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: ENFORCEMENT

APPENDIX E

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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QUIK STOP #78 (Continued)

U001602121

Date: 05/21/2013
Action: Notification - Fee Title Owners Notice

Global Id: T0608700177
Action Type: RESPONSE
Date: 02/20/2006
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 03/20/2006
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 12/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608700177
Action Type: Other
Date: 11/12/1998
Action: Leak Discovery

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2003
Action: Well Installation Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 11/20/2005
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 12/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: Other
Date: 11/12/1998
Action: Leak Reported

Global Id: T0608700177
Action Type: RESPONSE
Date: 02/20/2005
Action: Monitoring Report - Quarterly

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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QUIK STOP #78 (Continued)

U001602121

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2002
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/21/2013
Action: Other Report / Document

Global Id: T0608700177
Action Type: RESPONSE
Date: 12/20/2005
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 05/07/2003
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: Other
Date: 11/12/1998
Action: Leak Stopped

Global Id: T0608700177
Action Type: RESPONSE

APPENDIX E

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	MAP FINDINGS		
QUIK STOP #78 (Continued)			
			U001602121
Date:	11/25/2003		
Action:	Monitoring Report - Quarterly		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	07/20/2005		
Action:	Monitoring Report - Quarterly		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	01/20/2005		
Action:	Monitoring Report - Quarterly		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	04/20/2004		
Action:	Monitoring Report - Quarterly		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	09/15/2003		
Action:	Remedial Progress Report		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	06/30/2011		
Action:	Monitoring Report - Semi-Annually		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	12/14/2001		
Action:	Unknown		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	05/04/2001		
Action:	Other Report / Document		
Global Id:	T0608700177		
Action Type:	ENFORCEMENT		
Date:	10/18/2012		
Action:	13267 Requirement		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	12/30/2009		
Action:	Monitoring Report - Semi-Annually		
Global Id:	T0608700177		
Action Type:	ENFORCEMENT		
Date:	08/07/2013		
Action:	13267 Requirement		
Global Id:	T0608700177		
Action Type:	ENFORCEMENT		
Date:	04/07/2009		
Action:	File review		

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	MAP FINDINGS		
QUIK STOP #78 (Continued)			
			U001602121
Global Id:	T0608700177		
Action Type:	ENFORCEMENT		
Date:	04/16/2009		
Action:	13267 Requirement		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	11/01/2003		
Action:	Remedial Progress Report		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	10/20/2003		
Action:	Monitoring Report - Quarterly		
Global Id:	T0608700177		
Action Type:	ENFORCEMENT		
Date:	08/13/2009		
Action:	13267 Requirement		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	01/20/2009		
Action:	Other Report / Document		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	05/01/2008		
Action:	Other Report / Document		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	05/01/2006		
Action:	Other Report / Document		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	02/28/2007		
Action:	Other Report / Document		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	01/20/2006		
Action:	Remedial Progress Report		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	04/20/2006		
Action:	Monitoring Report - Quarterly		
Global Id:	T0608700177		
Action Type:	RESPONSE		
Date:	12/29/1999		
Action:	Soil and Water Investigation Report		
Global Id:	T0608700177		
Action Type:	RESPONSE		

APPENDIX E

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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QUIK STOP #78 (Continued)

U001602121

Date: 12/10/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608700177
Action Type: ENFORCEMENT
Date: 03/04/2014
Action: Closure/No Further Action Letter

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 10/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 10/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 08/01/2003
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: ENFORCEMENT
Date: 05/16/2003
Action: Staff Letter

Global Id: T0608700177
Action Type: ENFORCEMENT
Date: 05/03/2003
Action: 13267 Requirement

Global Id: T0608700177
Action Type: RESPONSE
Date: 12/30/2012
Action: Request for Closure - Regulator Responded

Global Id: T0608700177
Action Type: RESPONSE
Date: 02/15/2014
Action: Well Destruction Report - Regulator Responded

Global Id: T0608700177
Action Type: RESPONSE
Date: 01/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 09/01/2008
Action: Other Report / Document

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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QUIK STOP #78 (Continued)

U001602121

Global Id: T0608700177
Action Type: RESPONSE
Date: 08/01/2008
Action: Other Report / Document

Global Id: T0608700177
Action Type: ENFORCEMENT
Date: 07/20/2009
Action: 13267 Requirement

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/12/2001
Action: Site Assessment Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/30/2001
Action: Soil and Water Investigation Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE
Date: 09/01/2006
Action: Remedial Progress Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 06/01/2006
Action: Other Report / Document

Global Id: T0608700177
Action Type: RESPONSE
Date: 07/01/2006
Action: Other Report / Document

Global Id: T0608700177
Action Type: RESPONSE
Date: 08/05/1999
Action: Well Installation Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 06/10/1999
Action: Soil and Water Investigation Report

Global Id: T0608700177
Action Type: RESPONSE
Date: 04/20/2009
Action: Monitoring Report - Quarterly

Global Id: T0608700177
Action Type: RESPONSE

APPENDIX E

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
QUIK STOP #78 (Continued)				
				U001602121
	Date:	10/20/2008		
	Action:	Monitoring Report - Quarterly		
	Global Id:	T0608700177		
	Action Type:	RESPONSE		
	Date:	08/15/2004		
	Action:	Remedial Progress Report		
	Global Id:	T0608700177		
	Action Type:	RESPONSE		
	Date:	07/20/2004		
	Action:	Monitoring Report - Quarterly		
	Global Id:	T0608700177		
	Action Type:	RESPONSE		
	Date:	03/15/2005		
	Action:	Remedial Progress Report		
	Global Id:	T0608700177		
	Action Type:	RESPONSE		
	Date:	04/20/2005		
	Action:	Remedial Progress Report		
	Global Id:	T0608700177		
	Action Type:	RESPONSE		
	Date:	06/15/2004		
	Action:	Remedial Progress Report		
	Global Id:	T0608700177		
	Action Type:	RESPONSE		
	Date:	12/20/2004		
	Action:	Remedial Progress Report		
	Global Id:	T0608700177		
	Action Type:	RESPONSE		
	Date:	05/15/2004		
	Action:	Remedial Progress Report		
	Global Id:	T0608700177		
	Action Type:	RESPONSE		
	Date:	12/30/2006		
	Action:	Other Report / Document		
	Global Id:	T0608700177		
	Action Type:	REMEDIATION		
	Date:	01/08/2006		
	Action:	Soil Vapor Extraction (SVE)		
	Global Id:	T0608700177		
	Action Type:	REMEDIATION		
	Date:	04/01/2001		
	Action:	Pump & Treat (P&T) Groundwater		
	Global Id:	T0608700177		
	Action Type:	REMEDIATION		
	Date:	11/23/2009		
	Action:	In Situ Biological Treatment		

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
QUIK STOP #78 (Continued)				
				U001602121
	HIST UST:			
	Region:	STATE		
	Facility ID:	00000006247		
	Facility Type:	Gas Station		
	Other Type:	Not reported		
	Contact Name:	JIN KIM		
	Telephone:	4084766413		
	Owner Name:	QUIK STOP MARKETS INC		
	Owner Address:	4567 ENTERPRISE		
	Owner City,St,Zip:	FREMONT, CA 94538		
	Total Tanks:	0002		
	Tank Num:	001		
	Container Num:	52		
	Year Installed:	1974		
	Tank Capacity:	00010000		
	Tank Used for:	PRODUCT		
	Type of Fuel:	UNLEADED		
	Container Construction Thickness:	Not reported		
	Leak Detection:	Stock Inventor		
	Tank Num:	002		
	Container Num:	53		
	Year Installed:	1974		
	Tank Capacity:	00010000		
	Tank Used for:	PRODUCT		
	Type of Fuel:	PREMIUM		
	Container Construction Thickness:	Not reported		
	Leak Detection:	Stock Inventor		
B14	QUIK STOP MARKET NO 78			LUST S104405620
North	5505 SOQUEL DR			CUPA Listings N/A
1/4-1/2	SOQUEL, CA 95073			
0.476 mi.	Site 2 of 3 in cluster B			
2515 ft.	Site 2 of 3 in cluster B			
Relative:	LUST REG 3:			
Higher	Region:	3		
	Regional Board:	Central Coast Region		
	Facility County:	Santa Cruz		
	Global ID:	T0608700177		
	Status:	Remedial action (cleanup) Underway		
	Case Number:	3257		
	Local Case Num:	Not reported		
	Case Type:	O		
	Substance:	Gasoline		
	Quantity:	Not reported		
Actual:	Abatement Method:	Vapor Extraction, Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Remove Free Product - remove floating product from water table		
120 ft.				
	Leak Source:	UNK		
	Leak Cause:	UNK		
	How Stopped:	Not reported		
	How Discovered:	Tank Closure		
	Release Date:	11/12/1998		
	Discovered Date:	11/12/98		
	Enter Date:	03/21/2000		

APPENDIX E

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

QUIK STOP MARKET NO 78 (Continued)

S104405620

Stop Date: 11/12/98
 Review Date: 08/20/2002
 Enforce Date: 1/1/65
 Close Date: Not reported
 Enforcement Type: LET
 Responsible Party: MIKE KARVELOT
 RP Address: 4567 ENTERPRISE ST
 Contact: Not reported
 Cross Street: HARDIN WAY
 Local Agency: 44000
 Lead Agency: Regional Board
 Staff Initials: TAS
 Confirm Leak: Not reported
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: 10/15/1999
 Remedial Plan: Not reported
 Remedial Action: 10/30/00
 Monitoring: / /
 Pilot Program: UST
 Interim Action: Y
 Funding: Not reported
 MTBE Class: A
 Max MTBE Grnd Wtr: 46000
 Max MTBE Soil: Not reported
 Max MTBE Data: 09/05/2002
 MTBE Tested: YES
 Lat/Long: 36.9879772 / -121.9445225
 Soil Qualifier: Not reported
 Grnd Wtr Qualifier: =
 Mtbe Concentratn: 12
 Mtbe Fuel: 1
 Org Name: Not reported
 Basin Plan: Not reported
 Beneficial: MUN
 Priority: Not reported
 UST Cleanup Fund ID: Not reported
 Suspended: Not reported
 Operator: Not reported
 Water System: CITY OF WATSONVILLE
 Well Name: WELL 19
 Distance From Well: 0
 Assigned Name: 4410011-016

Summary: THREE PUBLIC WATER SUPPLY WELLS ARE LESS THAN 2000 FEET FROM THE SITE.
 THE CLOSEST WELL IS APPROXIMATELY 1600 FEET AWAY. (CATOX SYSTEM
 STARTED 7/5/02.) DOWNGRADIENT CREEK SAMPLE "A" MTBE 2.1 PPB.
 DOWNGRADIENT WELL MW-6 MTBE 3300 PPB. 7/31/02 CATOX RE

CUPA SANTA CRUZ:

Facility Id: FA0003440
 Region: SANTA CRUZ
 Cross Street: HARDIN WAY
 Description: HAZARDOUS WASTE GENERATOR (HMMP STD FORM)

Facility Id: FA0003440
 Region: SANTA CRUZ
 Cross Street: HARDIN WAY

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

QUIK STOP MARKET NO 78 (Continued)

S104405620

Description: HMMP STANDARD FORM FILING FEE
 Facility Id: FA0003440
 Region: SANTA CRUZ
 Cross Street: HARDIN WAY
 Description: UNDERGROUND STORAGE TANK PROGRAM

B15
NNE
1/4-1/2
0.486 mi.
2565 ft.

Relative:
 Higher
 Actual:
 118 ft.

THE FARM PROPERTY
5555 SOQUEL DRIVE
SOQUEL, CA 95073
Site 3 of 3 in cluster B
 SLIC:
 Region: STATE
 Facility Status: Completed - Case Closed
 Status Date: 12/17/2014
 Global Id: T10000005849
 Lead Agency: SANTA CRUZ COUNTY LOP
 Lead Agency Case Number: RO0000273
 Latitude: 36.9890144649051
 Longitude: -121.942973158722
 Case Type: Cleanup Program Site
 Case Worker: JBG
 Local Agency: SANTA CRUZ COUNTY LOP
 RB Case Number: Not reported
 File Location: Not reported
 Potential Media Affected: Soil
 Potential Contaminants of Concern: Chlordane, Other Insecticides / Pesticide / Fumigants / Herbicides,
 Arsenic, Lead
 Site History: Not reported

SLIC S116381382
 N/A

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

C16
West
1/2-1
0.623 mi.
3289 ft.

Relative:
 Lower
 Actual:
 28 ft.

ARCO GAS STATION
819 BAY AVENUE
CAPITOLA, CA 93041
Site 1 of 2 in cluster C
 NOTIFY 65:
 Date Reported: Not reported
 Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 93041

Notify 65 S100178263
 N/A

Map ID		MAP FINDINGS	
Direction			EDR ID Number
Distance			EPA ID Number
Elevation	Site	Database(s)	

C17	ARCO GAS STATION	Notify 65	S100178265
West	819 BAY AVENUE		N/A
1/2-1	CAPITOLA, CA 93041		
0.623 mi.			
3289 ft.	Site 2 of 2 in cluster C		
Relative:	NOTIFY 65:		
Lower	Date Reported:	Not reported	
	Staff Initials:	Not reported	
Actual:	Board File Number:	Not reported	
28 ft.	Facility Type:	Not reported	
	Discharge Date:	Not reported	
	Incident Description:	93041	

18	BAY PHOTO INC MAIN LAB	HWP	S103649578
NE	2853 PARK AVE		N/A
1/2-1	SOQUEL, CA 95073		
0.635 mi.			
3355 ft.			
Relative:	HWP:		
Higher	EPA Id:	CAD982440273	
	Cleanup Status:	CLOSED	
Actual:	Latitude:	36.98754	
142 ft.	Longitude:	-121.9362	
	Facility Type:	Historical - Non-Operating	
	Facility Size:	Not reported	
	Team:	Not reported	
	Supervisor:	Not reported	
	Site Code:	Not reported	
	Assembly District:	29	
	Senate District:	17	
	Public Information Officer:	Not reported	
	Closure:		
	EPA Id:	CAD982440273	
	Facility Type:	Historical - Non-Operating	
	Unit Names:	Silver Recovery	
	Event Description:	Closure Administrative - ISSUE CLOSURE VERIFICATION	
	Actual Date:	01/01/1999	
	Alias:		
	EPA Id:	CAD982440273	
	Facility Type:	Historical - Non-Operating	
	Alias Type:	FRS	
	Alias:	110002813117	

Count: 2 records.	ORPHAN SUMMARY				
City	EDR ID	Site Name	Site Address	Zip	Database(s)
CAPITOLA	S117338910	MCGREGOR PROPERTY	1560 MCGREGOR DRIVE	95010	SLIC
RIO DEL MAR	S103291443	SCCSD RIO PUMPING STATION	CLIFF DR	95062	LUST, HIST CORTESE

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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	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: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 82

Source: EPA
 Telephone: 800-424-9346
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 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: 06/09/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: (415) 495-8895
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 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: 06/09/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: (415) 495-8895
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/09/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: (415) 495-8895
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 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: 06/09/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: (415) 495-8895
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
 Date Data Arrived at EDR: 05/29/2015
 Date Made Active in Reports: 06/11/2015
 Number of Days to Update: 13

Source: Department of the Navy
 Telephone: 843-820-7326
 Last EDR Contact: 08/12/2015
 Next Scheduled EDR Contact: 11/30/2015
 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: 06/09/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/02/2015
 Number of Days to Update: 68

Source: Environmental Protection Agency
 Telephone: 703-603-0695
 Last EDR Contact: 08/31/2015
 Next Scheduled EDR Contact: 12/14/2015
 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: 06/09/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/02/2015
 Number of Days to Update: 68

Source: Environmental Protection Agency
 Telephone: 703-603-0695
 Last EDR Contact: 08/31/2015
 Next Scheduled EDR Contact: 12/14/2015
 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/22/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
 Telephone: 202-267-2180
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 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: 08/03/2015
 Date Data Arrived at EDR: 08/04/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 30

Source: Department of Toxic Substances Control
 Telephone: 916-323-3400
 Last EDR Contact: 08/04/2015
 Next Scheduled EDR Contact: 11/16/2015
 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/03/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015	Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/16/2015
	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: 08/17/2015	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 08/18/2015	Telephone: 916-341-6320
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/18/2015
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: 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.

APPENDIX E

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 06/15/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2015	Telephone: see region list
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2015	Telephone: 404-562-8677
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 03/17/2015	Source: EPA Region 6
Date Data Arrived at EDR: 05/01/2015	Telephone: 214-665-6597
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/30/2015	Source: EPA, Region 5
Date Data Arrived at EDR: 05/29/2015	Telephone: 312-886-7439
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

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

Date of Government Version: 02/03/2015	Source: EPA Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

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

Date of Government Version: 02/03/2015	Source: EPA Region 10
Date Data Arrived at EDR: 02/12/2015	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/09/2015
	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: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6271
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

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

Date of Government Version: 03/30/2015	Source: EPA Region 7
Date Data Arrived at EDR: 04/28/2015	Telephone: 913-551-7003
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

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: 06/15/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2015	Telephone: 866-480-1028
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SLIC REG 6L: SLIC Sites

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

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

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

SLIC REG 7: SLIC List

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
 Date Data Arrived at EDR: 02/16/2010
 Date Made Active in Reports: 04/12/2010
 Number of Days to Update: 55

Source: FEMA
 Telephone: 202-646-5797
 Last EDR Contact: 07/10/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/15/2015
 Date Data Arrived at EDR: 06/17/2015
 Date Made Active in Reports: 07/06/2015
 Number of Days to Update: 19

Source: SWRCB
 Telephone: 916-341-5851
 Last EDR Contact: 06/17/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
 Date Data Arrived at EDR: 09/10/2009
 Date Made Active in Reports: 10/01/2009
 Number of Days to Update: 21

Source: California Environmental Protection Agency
 Telephone: 916-327-5092
 Last EDR Contact: 07/13/2015
 Next Scheduled EDR Contact: 10/12/2015
 Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 03/17/2015
 Date Data Arrived at EDR: 05/01/2015
 Date Made Active in Reports: 06/22/2015
 Number of Days to Update: 52

Source: EPA Region 6
 Telephone: 214-665-7591
 Last EDR Contact: 07/22/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Semi-Annually

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/23/2014
 Date Data Arrived at EDR: 11/25/2014
 Date Made Active in Reports: 01/29/2015
 Number of Days to Update: 65

Source: EPA Region 7
 Telephone: 913-551-7003
 Last EDR Contact: 07/22/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/30/2015
 Date Data Arrived at EDR: 05/05/2015
 Date Made Active in Reports: 06/22/2015
 Number of Days to Update: 48

Source: EPA Region 8
 Telephone: 303-312-6137
 Last EDR Contact: 07/22/2015
 Next Scheduled EDR Contact: 11/09/2015
 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: 12/14/2014
 Date Data Arrived at EDR: 02/13/2015
 Date Made Active in Reports: 03/13/2015
 Number of Days to Update: 28

Source: EPA Region 9
 Telephone: 415-972-3368
 Last EDR Contact: 07/31/2015
 Next Scheduled EDR Contact: 11/09/2015
 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: 05/06/2015
 Date Data Arrived at EDR: 05/19/2015
 Date Made Active in Reports: 06/22/2015
 Number of Days to Update: 34

Source: EPA Region 10
 Telephone: 206-553-2857
 Last EDR Contact: 07/22/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Quarterly

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: 02/03/2015
 Date Data Arrived at EDR: 04/30/2015
 Date Made Active in Reports: 06/22/2015
 Number of Days to Update: 53

Source: EPA Region 1
 Telephone: 617-918-1313
 Last EDR Contact: 07/31/2015
 Next Scheduled EDR Contact: 11/09/2015
 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: 09/30/2014
 Date Data Arrived at EDR: 03/03/2015
 Date Made Active in Reports: 03/13/2015
 Number of Days to Update: 10

Source: EPA Region 4
 Telephone: 404-562-9424
 Last EDR Contact: 07/22/2015
 Next Scheduled EDR Contact: 11/09/2015
 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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/30/2015
 Date Data Arrived at EDR: 05/26/2015
 Date Made Active in Reports: 06/22/2015
 Number of Days to Update: 27

Source: EPA Region 5
 Telephone: 312-886-6136
 Last EDR Contact: 07/22/2015
 Next Scheduled EDR Contact: 11/09/2015
 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
 Date Data Arrived at EDR: 04/22/2008
 Date Made Active in Reports: 05/19/2008
 Number of Days to Update: 27

Source: EPA Region 7
 Telephone: 913-551-7365
 Last EDR Contact: 04/20/2009
 Next Scheduled EDR Contact: 07/20/2009
 Data Release Frequency: Varies

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: 08/03/2015
 Date Data Arrived at EDR: 08/04/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 30

Source: Department of Toxic Substances Control
 Telephone: 916-323-3400
 Last EDR Contact: 08/04/2015
 Next Scheduled EDR Contact: 11/16/2015
 Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/29/2014
 Date Data Arrived at EDR: 10/01/2014
 Date Made Active in Reports: 11/06/2014
 Number of Days to Update: 36

Source: EPA, Region 1
 Telephone: 617-918-1102
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

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

Date of Government Version: 06/08/2015
 Date Data Arrived at EDR: 06/09/2015
 Date Made Active in Reports: 07/10/2015
 Number of Days to Update: 31

Source: State Water Resources Control Board
 Telephone: 916-323-7905
 Last EDR Contact: 06/05/2015
 Next Scheduled EDR Contact: 09/21/2015
 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/22/2015
 Date Data Arrived at EDR: 06/24/2015
 Date Made Active in Reports: 09/02/2015
 Number of Days to Update: 70

Source: Environmental Protection Agency
 Telephone: 202-566-2777
 Last EDR Contact: 06/24/2015
 Next Scheduled EDR Contact: 10/05/2015
 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
 Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
 Date Data Arrived at EDR: 04/10/2000
 Date Made Active in Reports: 05/10/2000
 Number of Days to Update: 30

Source: State Water Resources Control Board
 Telephone: 916-227-4448
 Last EDR Contact: 08/04/2015
 Next Scheduled EDR Contact: 11/23/2015
 Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/15/2015
 Date Data Arrived at EDR: 06/17/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 47

Source: Department of Conservation
 Telephone: 916-323-3836
 Last EDR Contact: 06/17/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015
 Date Data Arrived at EDR: 05/28/2015
 Date Made Active in Reports: 06/05/2015
 Number of Days to Update: 8

Source: Integrated Waste Management Board
 Telephone: 916-341-6422
 Last EDR Contact: 08/12/2015
 Next Scheduled EDR Contact: 11/30/2015
 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: 05/01/2015
 Next Scheduled EDR Contact: 08/17/2015
 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
 Telephone: 415-947-4219
 Last EDR Contact: 07/22/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites**US HIST CDL: National Clandestine Laboratory Register**

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: 06/01/2015
 Date Data Arrived at EDR: 06/02/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 106

Source: Drug Enforcement Administration
 Telephone: 202-307-1000
 Last EDR Contact: 08/31/2015
 Next Scheduled EDR Contact: 12/14/2015
 Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 08/03/2015
 Date Data Arrived at EDR: 08/04/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 30

Source: Department of Toxic Substances Control
 Telephone: 916-323-3400
 Last EDR Contact: 08/04/2015
 Next Scheduled EDR Contact: 11/16/2015
 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: 12/31/2014
 Date Data Arrived at EDR: 03/10/2015
 Date Made Active in Reports: 03/18/2015
 Number of Days to Update: 8

Source: Department of Toxic Substances Control
 Telephone: 916-255-6504
 Last EDR Contact: 08/07/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/15/2015
Date Data Arrived at EDR: 06/02/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 106

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 06/11/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
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: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/15/2015
 Date Data Arrived at EDR: 07/28/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 6

Source: Office of Emergency Services
 Telephone: 916-845-8400
 Last EDR Contact: 07/28/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 06/15/2015
 Date Data Arrived at EDR: 06/17/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 27

Source: State Water Quality Control Board
 Telephone: 866-480-1028
 Last EDR Contact: 06/17/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/15/2015
 Date Data Arrived at EDR: 06/17/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 27

Source: State Water Resources Control Board
 Telephone: 866-480-1028
 Last EDR Contact: 06/17/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012
 Date Data Arrived at EDR: 01/03/2013
 Date Made Active in Reports: 02/22/2013
 Number of Days to Update: 50

Source: FirstSearch
 Telephone: N/A
 Last EDR Contact: 01/03/2013
 Next Scheduled EDR Contact: N/A
 Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 06/09/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: (415) 495-8895
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 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: 06/06/2014
 Date Data Arrived at EDR: 09/10/2014
 Date Made Active in Reports: 09/18/2014
 Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
 Telephone: 202-528-4285
 Last EDR Contact: 07/08/2015
 Next Scheduled EDR Contact: 09/21/2015
 Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
 Date Data Arrived at EDR: 11/10/2006
 Date Made Active in Reports: 01/11/2007
 Number of Days to Update: 62

Source: USGS
 Telephone: 888-275-8747
 Last EDR Contact: 07/14/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
 Date Data Arrived at EDR: 02/06/2006
 Date Made Active in Reports: 01/11/2007
 Number of Days to Update: 339

Source: U.S. Geological Survey
 Telephone: 888-275-8747
 Last EDR Contact: 07/14/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
 Date Data Arrived at EDR: 03/09/2011
 Date Made Active in Reports: 05/02/2011
 Number of Days to Update: 54

Source: Environmental Protection Agency
 Telephone: 615-532-8599
 Last EDR Contact: 05/21/2015
 Next Scheduled EDR Contact: 08/31/2015
 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: 06/01/2015
 Date Data Arrived at EDR: 06/02/2015
 Date Made Active in Reports: 09/16/2015
 Number of Days to Update: 106

Source: Environmental Protection Agency
 Telephone: 202-566-1917
 Last EDR Contact: 08/12/2015
 Next Scheduled EDR Contact: 11/30/2015
 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
 Date Data Arrived at EDR: 03/21/2014
 Date Made Active in Reports: 06/17/2014
 Number of Days to Update: 88

Source: Environmental Protection Agency
 Telephone: 617-520-3000
 Last EDR Contact: 08/04/2015
 Next Scheduled EDR Contact: 11/23/2015
 Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/14/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/24/2015
	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	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 06/25/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2013	Source: EPA
Date Data Arrived at EDR: 02/12/2015	Telephone: 202-566-0250
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 01/29/2015
Number of Days to Update: 110	Next Scheduled EDR Contact: 06/08/2015
	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	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/22/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/09/2015
	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	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/12/2015
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/13/2015	Telephone: 202-564-8600
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/09/2015
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	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: 05/14/2015
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/24/2015
	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: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 07/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/28/2015
	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: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	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: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	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: 03/31/2015	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/09/2015	Telephone: 301-415-7169
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 06/04/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	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: 07/13/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/12/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/31/2015
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/09/2015
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/07/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2015	Telephone: 202-343-9775
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/04/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/16/2015
	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: 12/31/2014	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/17/2015	Telephone: Varies
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/12/2015
	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: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 05/29/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/26/2015
Number of Days to Update: 146	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/26/2014	Telephone: 703-603-8787
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/07/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	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	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	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: 07/22/2015	Source: EPA
Date Data Arrived at EDR: 07/24/2015	Telephone: 202-564-2496
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015	Source: EPA
Date Data Arrived at EDR: 07/24/2015	Telephone: 202-564-2496
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/22/2015
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/14/2015	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/03/2015	Telephone: 303-231-5959
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 09/01/2015
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 06/05/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/05/2015
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/14/2015
	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: 01/18/2015	Source: EPA
Date Data Arrived at EDR: 02/27/2015	Telephone: (415) 947-8000
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 06/10/2015
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/24/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 18

Source: CAL EPA/Office of Emergency Information
 Telephone: 916-323-3400
 Last EDR Contact: 06/26/2015
 Next Scheduled EDR Contact: 10/12/2015
 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: 02/18/2015
 Date Data Arrived at EDR: 02/20/2015
 Date Made Active in Reports: 03/12/2015
 Number of Days to Update: 20

Source: Department of Toxic Substance Control
 Telephone: 916-327-4498
 Last EDR Contact: 07/31/2015
 Next Scheduled EDR Contact: 09/21/2015
 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: 12/31/2012
 Date Data Arrived at EDR: 03/25/2014
 Date Made Active in Reports: 04/28/2014
 Number of Days to Update: 34

Source: California Air Resources Board
 Telephone: 916-322-2990
 Last EDR Contact: 06/25/2015
 Next Scheduled EDR Contact: 10/05/2015
 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: 04/30/2015
 Date Data Arrived at EDR: 05/01/2015
 Date Made Active in Reports: 05/13/2015
 Number of Days to Update: 12

Source: State Water Resources Control Board
 Telephone: 916-445-9379
 Last EDR Contact: 08/07/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 08/03/2015
 Date Data Arrived at EDR: 08/06/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 28

Source: Department of Toxic Substances Control
 Telephone: 916-255-3628
 Last EDR Contact: 07/24/2015
 Next Scheduled EDR Contact: 11/09/2015
 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: 08/17/2015
 Date Data Arrived at EDR: 08/18/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 16

Source: California Integrated Waste Management Board
 Telephone: 916-341-6066
 Last EDR Contact: 08/14/2015
 Next Scheduled EDR Contact: 11/30/2015
 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: 12/31/2013
 Date Data Arrived at EDR: 10/15/2014
 Date Made Active in Reports: 11/19/2014
 Number of Days to Update: 35

Source: California Environmental Protection Agency
 Telephone: 916-255-1136
 Last EDR Contact: 07/17/2015
 Next Scheduled EDR Contact: 10/28/2015
 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/LIS], 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: 05/26/2015
 Date Data Arrived at EDR: 05/28/2015
 Date Made Active in Reports: 06/05/2015
 Number of Days to Update: 8

Source: Department of Toxic Substances Control
 Telephone: 916-323-3400
 Last EDR Contact: 05/28/2015
 Next Scheduled EDR Contact: 09/07/2015
 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: 07/13/2015
 Date Data Arrived at EDR: 07/14/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 20

Source: Department of Toxic Substances Control
 Telephone: 916-440-7145
 Last EDR Contact: 07/14/2015
 Next Scheduled EDR Contact: 10/28/2015
 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: 06/15/2015
 Date Data Arrived at EDR: 06/17/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 27

Source: Department of Conservation
 Telephone: 916-322-1080
 Last EDR Contact: 06/17/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 05/07/2015
 Date Data Arrived at EDR: 06/09/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 35

Source: Department of Public Health
 Telephone: 916-558-1784
 Last EDR Contact: 06/09/2015
 Next Scheduled EDR Contact: 09/21/2015
 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: 08/17/2015
 Date Data Arrived at EDR: 08/18/2015
 Date Made Active in Reports: 09/11/2015
 Number of Days to Update: 24

Source: State Water Resources Control Board
 Telephone: 916-445-9379
 Last EDR Contact: 08/18/2015
 Next Scheduled EDR Contact: 11/30/2015
 Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

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

Date of Government Version: 06/07/2015
 Date Data Arrived at EDR: 06/10/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 34

Source: Department of Pesticide Regulation
 Telephone: 916-445-4038
 Last EDR Contact: 06/10/2015
 Next Scheduled EDR Contact: 09/21/2015
 Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/15/2015
 Date Data Arrived at EDR: 06/17/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 27

Source: Department of Conservation
 Telephone: 916-323-3836
 Last EDR Contact: 06/17/2015
 Next Scheduled EDR Contact: 09/28/2015
 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: 10/21/1993
 Date Data Arrived at EDR: 11/01/1993
 Date Made Active in Reports: 11/19/1993
 Number of Days to Update: 18

Source: State Water Resources Control Board
 Telephone: 916-445-3846
 Last EDR Contact: 06/17/2015
 Next Scheduled EDR Contact: 10/05/2015
 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: 11/19/2014
 Date Data Arrived at EDR: 12/15/2014
 Date Made Active in Reports: 01/29/2015
 Number of Days to Update: 45

Source: Department of Conservation
 Telephone: 916-445-2408
 Last EDR Contact: 06/19/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

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

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

Source: RWQCB, Central Valley Region
 Telephone: 559-445-5577
 Last EDR Contact: 07/13/2015
 Next Scheduled EDR Contact: 10/28/2015
 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: 05/20/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

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

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

Source: Los Angeles Water Quality Control Board
 Telephone: 213-576-6726
 Last EDR Contact: 06/22/2015
 Next Scheduled EDR Contact: 10/12/2015
 Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDSEDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oil 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 US Hist Auto Stat: 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 US Hist Cleaners: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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*****RGALF: 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

RGALUST: 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: 07/21/2015
 Date Data Arrived at EDR: 07/24/2015
 Date Made Active in Reports: 08/05/2015
 Number of Days to Update: 12

Source: Alameda County Environmental Health Services
 Telephone: 510-567-6700
 Last EDR Contact: 08/10/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/21/2015
 Date Data Arrived at EDR: 07/22/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 12

Source: Alameda County Environmental Health Services
 Telephone: 510-567-6700
 Last EDR Contact: 07/13/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
Cupa Facility List

Date of Government Version: 06/05/2015
 Date Data Arrived at EDR: 06/09/2015
 Date Made Active in Reports: 07/10/2015
 Number of Days to Update: 31

Source: Amador County Environmental Health
 Telephone: 209-223-6439
 Last EDR Contact: 06/05/2015
 Next Scheduled EDR Contact: 09/21/2015
 Data Release Frequency: Varies

BUTTE COUNTY:**CUPA Facility Listing**
Cupa facility list.

Date of Government Version: 11/20/2014
 Date Data Arrived at EDR: 11/24/2014
 Date Made Active in Reports: 01/07/2015
 Number of Days to Update: 44

Source: Public Health Department
 Telephone: 530-538-7149
 Last EDR Contact: 07/13/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: No Update Planned

CALVERAS COUNTY:**CUPA Facility Listing**
Cupa Facility Listing

Date of Government Version: 07/15/2015
 Date Data Arrived at EDR: 07/17/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 17

Source: Calveras County Environmental Health
 Telephone: 209-754-6399
 Last EDR Contact: 06/22/2015
 Next Scheduled EDR Contact: 10/12/2015
 Data Release Frequency: Quarterly

COLUSA COUNTY:**CUPA Facility List**
Cupa facility list.

Date of Government Version: 06/11/2014
 Date Data Arrived at EDR: 06/13/2014
 Date Made Active in Reports: 07/07/2014
 Number of Days to Update: 24

Source: Health & Human Services
 Telephone: 530-458-0396
 Last EDR Contact: 08/10/2015
 Next Scheduled EDR Contact: 11/23/2015
 Data Release Frequency: Varies

CONTRA COSTA COUNTY:**Site List**

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/26/2015
 Date Data Arrived at EDR: 05/29/2015
 Date Made Active in Reports: 06/11/2015
 Number of Days to Update: 13

Source: Contra Costa Health Services Department
 Telephone: 925-646-2286
 Last EDR Contact: 08/03/2015
 Next Scheduled EDR Contact: 11/16/2015
 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
Cupa Facility list.

Date of Government Version: 05/20/2015
 Date Data Arrived at EDR: 08/03/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
 Telephone: 707-465-0426
 Last EDR Contact: 07/31/2015
 Next Scheduled EDR Contact: 11/16/2015
 Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/26/2015
 Date Data Arrived at EDR: 05/29/2015
 Date Made Active in Reports: 06/05/2015
 Number of Days to Update: 7

Source: El Dorado County Environmental Management Department
 Telephone: 530-621-6623
 Last EDR Contact: 08/03/2015
 Next Scheduled EDR Contact: 11/16/2015
 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/13/2015
 Date Data Arrived at EDR: 07/14/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 20

Source: Dept. of Community Health
 Telephone: 559-445-3271
 Last EDR Contact: 07/06/2015
 Next Scheduled EDR Contact: 10/19/2015
 Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/04/2015
 Date Data Arrived at EDR: 08/07/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 27

Source: Humboldt County Environmental Health
 Telephone: N/A
 Last EDR Contact: 08/24/2015
 Next Scheduled EDR Contact: 12/09/2015
 Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 08/11/2015
 Date Data Arrived at EDR: 08/14/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 20

Source: San Diego Border Field Office
 Telephone: 760-339-2777
 Last EDR Contact: 08/07/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/21/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015
 Date Data Arrived at EDR: 06/18/2015
 Date Made Active in Reports: 07/22/2015
 Number of Days to Update: 34

Source: Kern County Environment Health Services Department
 Telephone: 661-862-8700
 Last EDR Contact: 08/07/2015
 Next Scheduled EDR Contact: 11/23/2015
 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/26/2015
 Date Data Arrived at EDR: 05/28/2015
 Date Made Active in Reports: 06/15/2015
 Number of Days to Update: 18

Source: Kings County Department of Public Health
 Telephone: 559-584-1411
 Last EDR Contact: 05/21/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 08/11/2015
 Date Data Arrived at EDR: 08/14/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 20

Source: Lake County Environmental Health
 Telephone: 707-263-1164
 Last EDR Contact: 07/20/2015
 Next Scheduled EDR Contact: 11/02/2015
 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: 06/17/2015
 Next Scheduled EDR Contact: 10/05/2015
 Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
 Date Data Arrived at EDR: 01/30/2015
 Date Made Active in Reports: 03/04/2015
 Number of Days to Update: 33

Source: Department of Public Works
 Telephone: 626-458-3517
 Last EDR Contact: 07/10/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/20/2015
 Date Data Arrived at EDR: 07/21/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 13

Source: La County Department of Public Works
 Telephone: 818-458-5185
 Last EDR Contact: 07/21/2015
 Next Scheduled EDR Contact: 11/02/2015
 Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015
 Date Data Arrived at EDR: 07/27/2015
 Date Made Active in Reports: 08/10/2015
 Number of Days to Update: 14

Source: Engineering & Construction Division
 Telephone: 213-473-7869
 Last EDR Contact: 07/20/2015
 Next Scheduled EDR Contact: 11/02/2015
 Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
 Date Data Arrived at EDR: 01/29/2015
 Date Made Active in Reports: 03/10/2015
 Number of Days to Update: 40

Source: Community Health Services
 Telephone: 323-890-7806
 Last EDR Contact: 07/15/2015
 Next Scheduled EDR Contact: 11/02/2015
 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
 Date Data Arrived at EDR: 04/02/2015
 Date Made Active in Reports: 04/13/2015
 Number of Days to Update: 11

Source: City of El Segundo Fire Department
 Telephone: 310-524-2236
 Last EDR Contact: 07/17/2015
 Next Scheduled EDR Contact: 11/02/2015
 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/03/2015
 Date Data Arrived at EDR: 05/26/2015
 Date Made Active in Reports: 06/11/2015
 Number of Days to Update: 16

Source: City of Long Beach Fire Department
 Telephone: 562-570-2563
 Last EDR Contact: 07/27/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/03/2015
 Date Data Arrived at EDR: 06/04/2015
 Date Made Active in Reports: 07/06/2015
 Number of Days to Update: 32

Source: City of Torrance Fire Department
 Telephone: 310-618-2973
 Last EDR Contact: 06/04/2015
 Next Scheduled EDR Contact: 10/28/2015
 Data Release Frequency: Semi-Annually

MADERA 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: 05/28/2015
 Date Data Arrived at EDR: 05/29/2015
 Date Made Active in Reports: 06/15/2015
 Number of Days to Update: 17

Source: Madera County Environmental Health
 Telephone: 559-675-7823
 Last EDR Contact: 05/22/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
 Date Data Arrived at EDR: 10/22/2014
 Date Made Active in Reports: 12/15/2014
 Number of Days to Update: 54

Source: Public Works Department Waste Management
 Telephone: 415-499-6647
 Last EDR Contact: 07/06/2015
 Next Scheduled EDR Contact: 10/19/2015
 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/22/2015
 Date Data Arrived at EDR: 05/26/2015
 Date Made Active in Reports: 06/05/2015
 Number of Days to Update: 10

Source: Merced County Environmental Health
 Telephone: 209-381-1094
 Last EDR Contact: 05/22/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 06/01/2015
 Date Data Arrived at EDR: 06/03/2015
 Date Made Active in Reports: 07/06/2015
 Number of Days to Update: 33

Source: Mono County Health Department
 Telephone: 760-932-5580
 Last EDR Contact: 06/01/2015
 Next Scheduled EDR Contact: 09/14/2015
 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/30/2015
 Date Data Arrived at EDR: 07/07/2015
 Date Made Active in Reports: 07/16/2015
 Number of Days to Update: 9

Source: Monterey County Health Department
 Telephone: 831-796-1297
 Last EDR Contact: 05/26/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 12/06/2011	Telephone: 707-253-4269
Date Made Active in Reports: 02/07/2012	Last EDR Contact: 06/01/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/14/2015
	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	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 06/01/2015
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/03/2015	Source: Community Development Agency
Date Data Arrived at EDR: 06/04/2015	Telephone: 530-265-1467
Date Made Active in Reports: 07/22/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2015	Source: Health Care Agency
Date Data Arrived at EDR: 08/10/2015	Telephone: 714-834-3446
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/06/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2015	Source: Health Care Agency
Date Data Arrived at EDR: 08/10/2015	Telephone: 714-834-3446
Date Made Active in Reports: 09/11/2015	Last EDR Contact: 05/06/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2015	Source: Health Care Agency
Date Data Arrived at EDR: 08/11/2015	Telephone: 714-834-3446
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/11/2015
Number of Days to Update: 23	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/01/2015	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 07/07/2015	Telephone: 530-745-2363
Date Made Active in Reports: 08/05/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 09/21/2015
	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: 07/15/2015	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/17/2015	Telephone: 951-358-5055
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/15/2015	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/17/2015	Telephone: 951-358-5055
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/05/2015
	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: 05/07/2015	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/24/2015	Telephone: 916-875-8406
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/19/2015
	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: 05/07/2015	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/27/2015	Telephone: 916-875-8406
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/19/2015
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2015
 Date Data Arrived at EDR: 07/07/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
 Telephone: 909-387-3041
 Last EDR Contact: 08/10/2015
 Next Scheduled EDR Contact: 11/23/2015
 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
 Date Data Arrived at EDR: 09/24/2013
 Date Made Active in Reports: 10/17/2013
 Number of Days to Update: 23

Source: Hazardous Materials Management Division
 Telephone: 619-338-2268
 Last EDR Contact: 06/05/2015
 Next Scheduled EDR Contact: 09/21/2015
 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
 Date Data Arrived at EDR: 11/21/2014
 Date Made Active in Reports: 12/29/2014
 Number of Days to Update: 38

Source: Department of Health Services
 Telephone: 619-338-2209
 Last EDR Contact: 07/22/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
 Date Data Arrived at EDR: 06/15/2010
 Date Made Active in Reports: 07/09/2010
 Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
 Telephone: 619-338-2371
 Last EDR Contact: 06/03/2015
 Next Scheduled EDR Contact: 09/21/2015
 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
 Date Data Arrived at EDR: 09/19/2008
 Date Made Active in Reports: 09/29/2008
 Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
 Telephone: 415-252-3920
 Last EDR Contact: 08/06/2015
 Next Scheduled EDR Contact: 11/23/2015
 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: 08/06/2015
 Next Scheduled EDR Contact: 11/23/2015
 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 07/06/2015
 Number of Days to Update: 10

Source: Environmental Health Department
 Telephone: N/A
 Last EDR Contact: 06/17/2015
 Next Scheduled EDR Contact: 10/05/2015
 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/22/2015
 Date Data Arrived at EDR: 05/26/2015
 Date Made Active in Reports: 06/10/2015
 Number of Days to Update: 15

Source: San Luis Obispo County Public Health Department
 Telephone: 805-781-5596
 Last EDR Contact: 05/20/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/20/2015
 Date Data Arrived at EDR: 07/22/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 12

Source: San Mateo County Environmental Health Services Division
 Telephone: 650-363-1921
 Last EDR Contact: 06/15/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/10/2015
 Date Data Arrived at EDR: 06/16/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
 Telephone: 650-363-1921
 Last EDR Contact: 06/10/2015
 Next Scheduled EDR Contact: 06/29/2015
 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: 05/22/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2015
 Date Data Arrived at EDR: 06/16/2015
 Date Made Active in Reports: 07/10/2015
 Number of Days to Update: 24

Source: Department of Environmental Health
 Telephone: 408-918-1973
 Last EDR Contact: 06/05/2015
 Next Scheduled EDR Contact: 09/07/2015
 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: 06/01/2015
 Next Scheduled EDR Contact: 09/14/2015
 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/10/2015
 Date Data Arrived at EDR: 08/14/2015
 Date Made Active in Reports: 09/03/2015
 Number of Days to Update: 20

Source: City of San Jose Fire Department
 Telephone: 408-535-7694
 Last EDR Contact: 08/07/2015
 Next Scheduled EDR Contact: 11/23/2015
 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/22/2015
 Date Data Arrived at EDR: 05/26/2015
 Date Made Active in Reports: 06/08/2015
 Number of Days to Update: 13

Source: Santa Cruz County Environmental Health
 Telephone: 831-464-2761
 Last EDR Contact: 05/22/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/12/2015
 Date Data Arrived at EDR: 06/16/2015
 Date Made Active in Reports: 07/10/2015
 Number of Days to Update: 24

Source: Shasta County Department of Resource Management
 Telephone: 530-225-5789
 Last EDR Contact: 05/26/2015
 Next Scheduled EDR Contact: 09/07/2015
 Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
 Date Data Arrived at EDR: 06/24/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 20

Source: Solano County Department of Environmental Management
 Telephone: 707-784-6770
 Last EDR Contact: 06/10/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
 Date Data Arrived at EDR: 06/30/2015
 Date Made Active in Reports: 07/07/2015
 Number of Days to Update: 7

Source: Solano County Department of Environmental Management
 Telephone: 707-784-6770
 Last EDR Contact: 06/10/2015
 Next Scheduled EDR Contact: 09/28/2015
 Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 06/22/2015
 Date Data Arrived at EDR: 06/26/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 18

Source: County of Sonoma Fire & Emergency Services Department
 Telephone: 707-565-1174
 Last EDR Contact: 06/22/2015
 Next Scheduled EDR Contact: 10/12/2015
 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: 07/01/2015
 Date Data Arrived at EDR: 07/07/2015
 Date Made Active in Reports: 07/14/2015
 Number of Days to Update: 7

Source: Department of Health Services
 Telephone: 707-565-6565
 Last EDR Contact: 06/22/2015
 Next Scheduled EDR Contact: 10/12/2015
 Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015
 Date Data Arrived at EDR: 06/09/2015
 Date Made Active in Reports: 07/06/2015
 Number of Days to Update: 27

Source: Sutter County Department of Agriculture
 Telephone: 530-822-7500
 Last EDR Contact: 06/05/2015
 Next Scheduled EDR Contact: 09/21/2015
 Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/13/2015
 Date Data Arrived at EDR: 07/28/2015
 Date Made Active in Reports: 08/03/2015
 Number of Days to Update: 6

Source: Division of Environmental Health
 Telephone: 209-533-5633
 Last EDR Contact: 07/24/2015
 Next Scheduled EDR Contact: 11/09/2015
 Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/27/2015	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 08/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/30/2015
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 06/26/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	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: 08/12/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/30/2015
	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: 07/27/2015	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 07/29/2015	Telephone: 805-654-2813
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/09/2015
	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: 05/27/2015	Source: Environmental Health Division
Date Data Arrived at EDR: 06/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 07/08/2015	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/13/2015	Telephone: 530-666-8646
Date Made Active in Reports: 07/22/2015	Last EDR Contact: 07/06/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/04/2015	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/07/2015	Telephone: 530-749-7523
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 05/18/2015
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/17/2015	Telephone: N/A
Date Made Active in Reports: 08/12/2015	Last EDR Contact: 07/13/2015
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/28/2015
	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: 08/01/2015	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/06/2015	Telephone: 518-402-8651
Date Made Active in Reports: 08/24/2015	Last EDR Contact: 08/06/2015
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/24/2015	Telephone: 717-783-8990
Date Made Active in Reports: 08/18/2015	Last EDR Contact: 07/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013	Source: Department of Environmental Management
Date Data Arrived at EDR: 06/19/2015	Telephone: 401-222-2797
Date Made Active in Reports: 07/15/2015	Last EDR Contact: 05/26/2015
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Telephone: 281-546-1505
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
Telephone: 800-823-6277
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MONTEREY AVENUE PARK
MONTEREY AVENUE
CAPITOLA, CA 95010

TARGET PROPERTY COORDINATES

Latitude (North): 36.9801 - 36° 58' 48.36"
Longitude (West): 121.9456 - 121° 56' 44.16"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 593844.6
UTM Y (Meters): 4092981.2
Elevation: 104 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5619822 SOQUEL, 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).

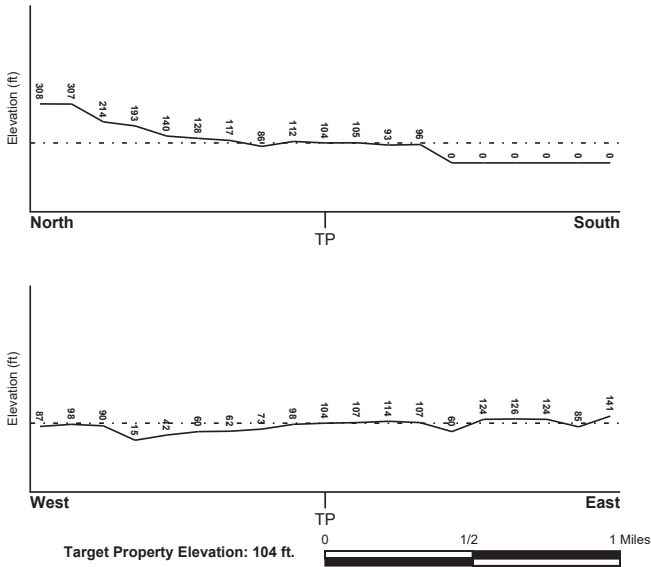
TOPOGRAPHIC INFORMATION

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 WSW

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>Target Property County</u> SANTA CRUZ, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06087C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> SOQUEL	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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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.

<u>Site-Specific Hydrogeological Data*</u>	
Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

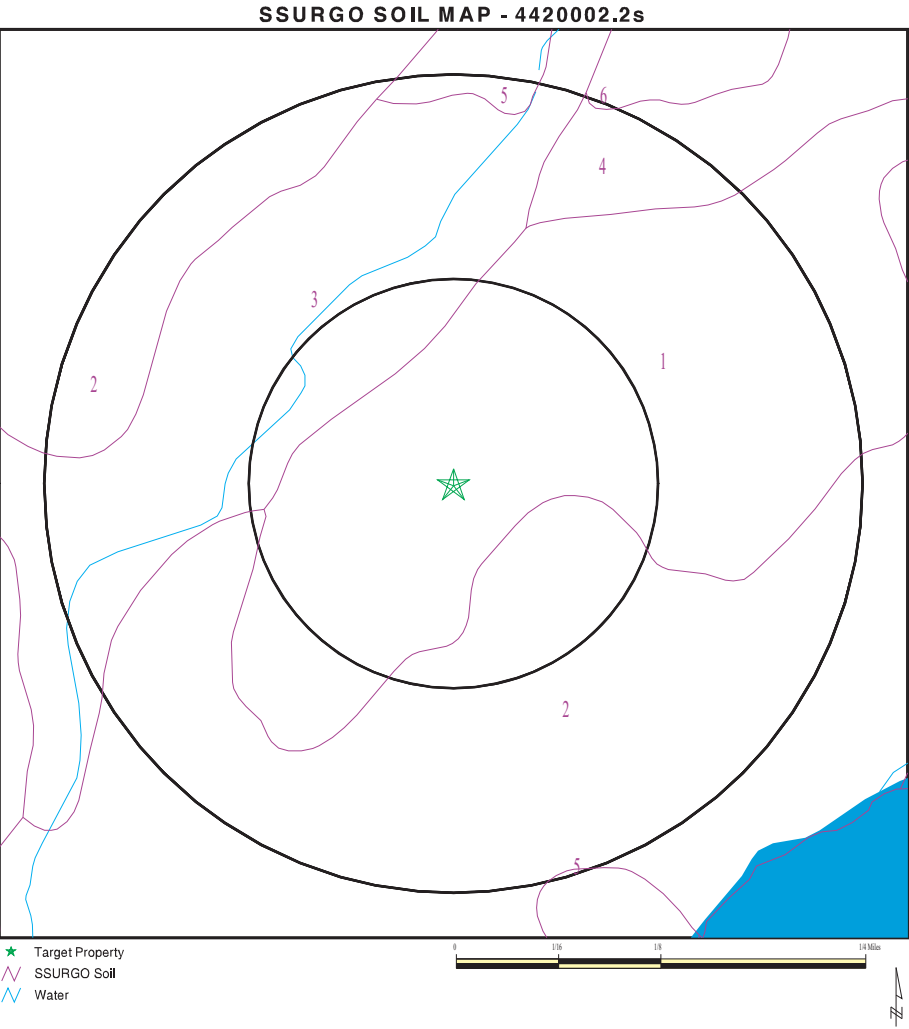
ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era:	Cenozoic	Category:	Stratified Sequence
System:	Tertiary		
Series:	Pliocene		
Code:	Tp (decoded above as Era, System & Series)		

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).

* ©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

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:	WATSONVILLE
Soil Surface Texture:	loam
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Somewhat poorly drained
Hydric Status:	Partially hydric
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 114 inches

Soil Layer Information							
Boundary		Classification		Saturated hydraulic conductivity micro m/sec		Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	18 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	38 inches	62 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

SITE NAME: Monterey Avenue Park	CLIENT: Weber, Hayes, & Associates
ADDRESS: Monterey Avenue	CONTACT: Sean Abbey
Captitola CA 95010	INQUIRY #: 4420002.2s
LAT/LONG: 36.9801 / 121.9456	DATE: September 24, 2015 7:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**Soil Map ID: 2**

Soil Component Name: ELKHORN

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

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	20 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	20 inches	61 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.8 Min: 5.6

Soil Map ID: 3

Soil Component Name: ELKHORN

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

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	20 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	20 inches	61 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.8 Min: 5.6

Soil Map ID: 4

Soil Component Name: WATSONVILLE

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 114 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	18 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: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	38 inches	62 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

Soil Map ID: 5

Soil Component Name: ELKHORN

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	20 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	20 inches	61 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.8 Min: 5.6

Soil Map ID: 6

Soil Component Name: WATSONVILLE

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 114 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	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	18 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: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	38 inches	62 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B3	USGS40000180173	1/8 - 1/4 Mile NNE
A4	USGS40000180144	1/8 - 1/4 Mile WNW
C6	USGS40000180117	1/4 - 1/2 Mile SSE
D10	USGS40000180175	1/4 - 1/2 Mile NW
F17	USGS40000180197	1/2 - 1 Mile NE
G20	USGS40000180205	1/2 - 1 Mile NE
G24	USGS40000180212	1/2 - 1 Mile NE
I28	USGS40000180136	1/2 - 1 Mile East
K36	USGS40000180074	1/2 - 1 Mile SW
37	USGS40000180202	1/2 - 1 Mile NE
K39	USGS40000180075	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**FEDERAL USGS WELL INFORMATION**

MAP ID	WELL ID	LOCATION FROM TP
L41	USGS40000180169	1/2 - 1 Mile East
M43	USGS40000180182	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

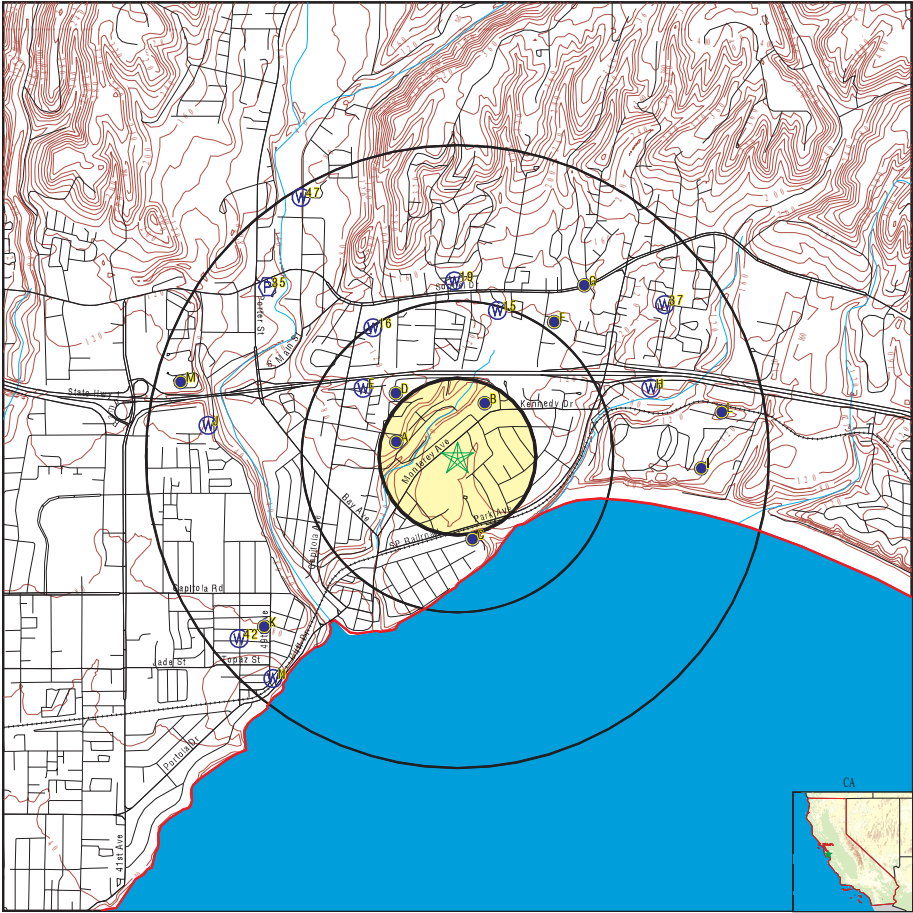
MAP ID	WELL ID	LOCATION FROM TP
35	CA2702235	1/2 - 1 Mile NW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CADW60000030024	1/8 - 1/4 Mile WNW
B2	22553	1/8 - 1/4 Mile NNE
C5	CADW60000030023	1/4 - 1/2 Mile SSE
C7	CADW60000004160	1/4 - 1/2 Mile South
C8	CADW60000004161	1/4 - 1/2 Mile South
C9	CADW60000004162	1/4 - 1/2 Mile South
D11	CADW60000028169	1/4 - 1/2 Mile NW
E12	10545	1/4 - 1/2 Mile NW
E13	10554	1/4 - 1/2 Mile NW
E14	10555	1/4 - 1/2 Mile NW
15	22555	1/4 - 1/2 Mile NNE
16	CADW60000028167	1/4 - 1/2 Mile NNW
F18	CADW60000028173	1/2 - 1 Mile NE
19	19965	1/2 - 1 Mile North
H21	10542	1/2 - 1 Mile ENE
H22	10543	1/2 - 1 Mile ENE
H23	10544	1/2 - 1 Mile ENE
G25	CADW60000007292	1/2 - 1 Mile NE
G26	22556	1/2 - 1 Mile NE
I27	CADW60000030022	1/2 - 1 Mile East
J29	CADW60000003966	1/2 - 1 Mile West
J30	CADW60000003967	1/2 - 1 Mile West
J31	CADW60000003968	1/2 - 1 Mile West
I32	CADW60000004163	1/2 - 1 Mile East
I33	CADW60000004164	1/2 - 1 Mile East
I34	CADW60000004165	1/2 - 1 Mile East
K38	CADW60000030025	1/2 - 1 Mile SW
L40	10546	1/2 - 1 Mile East
42	22554	1/2 - 1 Mile SW
M44	CADW60000028168	1/2 - 1 Mile WNW
N45	CADW60000004158	1/2 - 1 Mile SW
N46	CADW60000004159	1/2 - 1 Mile SW
47	10541	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 4420002.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Monterey Avenue Park
ADDRESS: Monterey Avenue
Capitola CA 95010
LAT/LONG: 36.9801 / 121.9456

CLIENT: Weber, Hayes, & Associates
CONTACT: Sean Abbey
INQUIRY #: 4420002.2s
DATE: September 24, 2015 7:00 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Database	EDR ID Number
Direction		
Distance		
Elevation		

A1		
WNW	CA WELLS	CADW60000030024
1/8 - 1/4 Mile		
Lower		

Objectid: 30024
Latitude: 36.9808
Longitude: -121.9486
Site code: 369808N1219486W001
State well number: 11S01W15A001M
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
South Central Region Office
Site id: CADW60000030024

B2	CA WELLS	22553
NNE		
1/8 - 1/4 Mile		
Higher		

Water System Information:
Prime Station Code: E44/017-TRTDMON
FRDS Number: 4410017017
District Number: 05
Water Type: Well/Groundwater
Source Lat/Long: 365857.0 1215635.0
Source Name: MONTEREY WTP - TREATED
System Number: 4410017
System Name: Soquel Creek Water District
Organization That Operates System:
P O BOX 158
SOQUEL, CA 95073
Pop Served: 38460
Area Served: SOQUEL APTOS
User ID: HEN
County: Santa Cruz
Station Type: STREAM/AMBNT/MUN/INTAKE
Well Status: Active Treated
Precision: 100 Feet (one Second)
Connections: 12820

B3	FED USGS	USGS40000180173
NNE		
1/8 - 1/4 Mile		
Higher		

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-365858121563401
Monloc name: 011S001W11N001M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060001
Drainagearea value: Not Reported
Drainagearea Units: Not Reported
Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported
Latitude: 36.9827281
Longitude: -121.9438482
Source map scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1
Horiz Collection method: Interpolated from map
Horiz coord refs: NAD83
Vert measure units: feet
Vert accmeasure units: feet
Vertcollection method: Interpolated from topographic map
Vert coord refs: NGVD29
Aquifername: California Coastal Basin aquifers
Formation type: Not Reported
Aquifer type: Not Reported
Construction date: 19500101
Welldepth units: ft
Wellholedepth units: ft

Horiz Acc measure units: seconds
Vert measure val: 110.00
Vertacc measure val: 10
Countrycode: US
Welldepth: 400
Wellholedepth: 400

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-04-14	107		1978-08-12	106	
1967-02-06	86.44				

A4
WNW
1/8 - 1/4 Mile
Lower

FED USGS USGS40000180144

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-365851121565501
Monloc name: 011S001W15A001M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060001
Drainagearea Units: Not Reported
Contrib drainagearea units: Not Reported
Longitude: -121.9496818
Latitude: 36.9807837
Sourcemap scale: 24000
Horiz Acc measure: 1
Horiz Collection method: Interpolated from map
Horiz coord refs: NAD83
Vert measure units: feet
Vert accmeasure units: feet
Vertcollection method: Interpolated from topographic map
Vert coord refs: NGVD29
Aquifername: California Coastal Basin aquifers
Formation type: Purisima Formation
Aquifer type: Not Reported
Construction date: 19500720
Welldepth units: ft
Wellholedepth units: ft

Drainagearea value: Not Reported
Contrib drainagearea: Not Reported
Latitude: 36.9807837
Sourcemap scale: 24000
Horiz Acc measure units: seconds
Vert measure val: 60.00
Vertacc measure val: 10
Countrycode: US
Welldepth: 168
Wellholedepth: 168

Ground-water levels, Number of Measurements: 16

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-06-09	51.39		1982-05-12	47.28	
1982-04-13	46.54		1982-03-09	48.03	
1982-02-09	47.22		1981-12-08	52.75	
1981-11-09	53.90				
1981-10-09	54.80				

Note: The site had been pumped recently.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-09-10	48.44				
1981-08-13	56.29				
Note: The site had been pumped recently.					
1981-07-08	53.15				
Note: The site had been pumped recently.					
1981-06-08	51.25				
Note: The site had been pumped recently.					
1981-04-15	48.68		1980-09-11	53.0	
1978-08-09	49.75		1966-02-16	30	

C5**SSE**
1/4 - 1/2 Mile
Lower

CA WELLS CADW60000030023

Objectid: 30023
Latitude: 36.9764
Longitude: -121.9444
Site code: 369764N1219444W001
State well numbe: 11S01W14E002M
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000030023

C6**SSE**
1/4 - 1/2 Mile
Lower

FED USGS USGS40000180117

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-365835121563601
Monloc name: 011S001W14E002M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060001
Drainagearea Units: Not Reported
Contrib drainagearea: Not Reported
Longitude: -121.9444037
Latitude: 36.9763394
Sourcemap scale: Not Reported
Horiz Acc measure: Unknown
Horiz Collection method: Interpolated from map
Horiz coord refs: NAD83
Vert measure units: Not Reported
Vert accmeasure units: Not Reported
Vertcollection method: Not Reported
Vert coord refs: Not Reported
Aquifername: California Coastal Basin aquifers
Formation type: Not Reported

Drainagearea value: Not Reported
Contrib drainagearea: Not Reported
Latitude: 36.9763394
Sourcemap scale: Not Reported
Horiz Acc measure units: Unknown
Vert measure val: Not Reported
Vertacc measure val: Not Reported
Countrycode: US

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
Construction date: Not Reported
Welldepth units: Not Reported
Wellholeddepth units: Not Reported

Welldepth: Not Reported
Wellholeddepth: Not Reported

Ground-water levels, Number of Measurements: 0

C7
South
1/4 - 1/2 Mile
Lower

CA WELLS CADW60000004160

Objectid: 4160
Latitude: 36.976177
Longitude: -121.944938
Site code: 369762N1219449W001
State well numbe: Not Reported
Local well name: 'SC-3RA'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000004160

C8
South
1/4 - 1/2 Mile
Lower

CA WELLS CADW60000004161

Objectid: 4161
Latitude: 36.976177
Longitude: -121.944938
Site code: 369762N1219449W002
State well numbe: Not Reported
Local well name: 'SC-3RB'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000004161

C9
South
1/4 - 1/2 Mile
Lower

CA WELLS CADW60000004162

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 4162
Latitude: 36.976177
Longitude: -121.944938
Site code: 369762N1219449W003
State well numbe: Not Reported
Local well name: 'SC-3RC'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000004162

D10
NW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000180175

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-365859121565301
Monloc name: 011S001W10R001M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060001
Drainagearea Units: Not Reported
Contrib drainagearea units: Not Reported
Longitude: -121.9491262
Horiz Acc measure: Unknown
Horiz Collection method: Interpolated from map
Horiz coord refs: NAD83
Vert measure units: Not Reported
Vert accmeasure units: Not Reported
Vertcollection method: Not Reported
Vert coord refs: Not Reported
Aquifername: California Coastal Basin aquifers
Formation type: Purisima Formation
Aquifer type: Not Reported
Construction date: Not Reported
Welldepth units: ft
Wellholeddepth units: Not Reported

Drainagearea value: Not Reported
Contrib drainagearea: Not Reported
Latitude: 36.9830059
Sourcemap scale: Not Reported
Horiz Acc measure units: Unknown
Vert measure val: Not Reported
Vertacc measure val: Not Reported
Countrycode: US
Welldepth: 185
Wellholeddepth: Not Reported

Ground-water levels, Number of Measurements: 0

D11
NW
1/4 - 1/2 Mile
Higher

CA WELLS CADW600000028169

Objectid: 28169
Latitude: 36.9831
Longitude: -121.9492
Site code: 369831N1219492W001
State well numbe: 11S01W10R001M
Local well name: ""
Well use id: 6
Well use descrip: Unknown
County id: 44
County name: Santa Cruz

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '3-1'
 Basin desc: Soquel Valley
 Dwr region id: 80237
 Dwr region: South Central Region Office
 Site id: CADW60000028169

E12
NW
1/4 - 1/2 Mile
Higher

CA WELLS 10545

Water System Information:

Prime Station Code:	11S/01W-11N01 M	User ID:	HEN
FRDS Number:	4410017016	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365900.0 1215700.0	Precision:	Undefined
Source Name:	MONTEREY WELL		
System Number:	4410017		
System Name:	Soquel Creek Water District		
Organization That Operates System:	P O BOX 158		
	SOQUEL, CA 95073		
Pop Served:	38460	Connections:	12820
Area Served:	SOQUEL APTOS		
Sample Collected:	21-SEP-11	Findings:	87. UNITS
Chemical:	COLOR		
Sample Collected:	21-SEP-11	Findings:	829. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	21-SEP-11	Findings:	7.2
Chemical:	PH, LABORATORY		
Sample Collected:	21-SEP-11	Findings:	262. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	21-SEP-11	Findings:	262. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	21-SEP-11	Findings:	290. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	21-SEP-11	Findings:	76. MG/L
Chemical:	CALCIUM		
Sample Collected:	21-SEP-11	Findings:	26. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	21-SEP-11	Findings:	74. MG/L
Chemical:	SODIUM		
Sample Collected:	21-SEP-11	Findings:	6.3 MG/L
Chemical:	POTASSIUM		
Sample Collected:	21-SEP-11	Findings:	53. MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	21-SEP-11	Findings:	0.17 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	21-SEP-11	Findings:	3300. UG/L
Chemical:	IRON		
Sample Collected:	21-SEP-11	Findings:	640. UG/L
Chemical:	MANGANESE		
Sample Collected:	21-SEP-11	Findings:	260. UG/L
Chemical:	ZINC		
Sample Collected:	21-SEP-11	Findings:	679. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	21-SEP-11	Findings:	33.3 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	21-SEP-11	Findings:	1.05 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	21-SEP-11	Findings:	0.1 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	21-SEP-11	Findings:	4.6e-002 MG/L
Chemical:	IODIDE		
Sample Collected:	21-SEP-11	Findings:	0.31 MG/L
Chemical:	BROMIDE		

E13
NW
1/4 - 1/2 Mile
Higher

CA WELLS 10554

Water System Information:

Prime Station Code:	11S/01W-15L01 M	User ID:	HEN
FRDS Number:	4410017018	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365900.0 1215700.0	Precision:	Undefined
Source Name:	OPAL WELL 01		
System Number:	4410017		
System Name:	Soquel Creek Water District		
Organization That Operates System:	P O BOX 158		
	SOQUEL, CA 95073		
Pop Served:	38460	Connections:	12820
Area Served:	SOQUEL APTOS		

E14
NW
1/4 - 1/2 Mile
Higher

CA WELLS 10555

Water System Information:

Prime Station Code:	11S/01W-15L02 M	User ID:	HEN
FRDS Number:	4410017019	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	365900.0 1215700.0	Precision:	Undefined
Source Name:	OPAL WELL 02 - ABANDONED		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 4410017
 System Name: Soquel Creek Water District
 Organization That Operates System:
 P O BOX 158
 SOQUEL, CA 95073
 Pop Served: 38460
 Area Served: SOQUEL APTOS

Connections: 12820

15
 NNE
 1/4 - 1/2 Mile
 Higher

CA WELLS 22555

Water System Information:

Prime Station Code: E44/017-TRTDROS
 FRDS Number: 4410017023
 District Number: 05
 Water Type: Well/Groundwater
 Source Lat/Long: 365913.0 1215632.0
 Source Name: ROSEDALE WTP - TREATED
 System Number: 4410017
 System Name: Soquel Creek Water District
 Organization That Operates System:
 P O BOX 158
 SOQUEL, CA 95073

User ID: HEN
 County: Santa Cruz
 Station Type: STREAM/AMBNT/MUN/INTAKE
 Well Status: Active Treated
 Precision: 100 Feet (one Second)

Pop Served: 38460
 Area Served: SOQUEL APTOS
 Sample Collected: 28-JAN-11
 Chemical: IRON
 Findings: 120. UG/L
 Sample Collected: 28-JAN-11
 Chemical: MANGANESE
 Findings: 25. UG/L
 Sample Collected: 05-APR-11
 Chemical: IRON
 Findings: 120. UG/L
 Sample Collected: 24-MAY-11
 Chemical: MANGANESE
 Findings: 21. UG/L
 Sample Collected: 09-JUN-11
 Chemical: IRON
 Findings: 130. UG/L
 Sample Collected: 09-JUN-11
 Chemical: MANGANESE
 Findings: 24. UG/L
 Sample Collected: 15-SEP-11
 Chemical: IRON
 Findings: 170. UG/L
 Sample Collected: 15-SEP-11
 Chemical: MANGANESE
 Findings: 34. UG/L
 Sample Collected: 19-OCT-11
 Chemical: IRON
 Findings: 160. UG/L
 Sample Collected: 19-OCT-11
 Chemical: MANGANESE
 Findings: 28. UG/L
 Sample Collected: 26-OCT-11
 Chemical: COLOR
 Findings: 2.9 UNITS

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 26-OCT-11
 Chemical: PH, LABORATORY
 Findings: 7.46
 Sample Collected: 26-OCT-11
 Chemical: TURBIDITY, LABORATORY
 Findings: 0.29 NTU
 Sample Collected: 29-NOV-11
 Chemical: IRON
 Findings: 110. UG/L
 Sample Collected: 29-NOV-11
 Chemical: MANGANESE
 Findings: 23. UG/L
 Sample Collected: 14-DEC-11
 Chemical: IRON
 Findings: 110. UG/L
 Sample Collected: 14-DEC-11
 Chemical: MANGANESE
 Findings: 23. UG/L
 Sample Collected: 30-JUL-12
 Chemical: IRON
 Findings: 110. UG/L
 Sample Collected: 30-JUL-12
 Chemical: MANGANESE
 Findings: 29. UG/L
 Sample Collected: 10-OCT-12
 Chemical: COLOR
 Findings: 5.1 UNITS
 Sample Collected: 10-OCT-12
 Chemical: IRON
 Findings: 130. UG/L
 Sample Collected: 10-OCT-12
 Chemical: MANGANESE
 Findings: 22. UG/L
 Sample Collected: 10-OCT-12
 Chemical: TURBIDITY, LABORATORY
 Findings: 0.201 NTU
 Sample Collected: 31-MAY-13
 Chemical: IRON
 Findings: 190. UG/L
 Sample Collected: 31-MAY-13
 Chemical: MANGANESE
 Findings: 44. UG/L
 Sample Collected: 13-JUN-13
 Chemical: TURBIDITY, LABORATORY
 Findings: 0.167 NTU
 Sample Collected: 17-SEP-13
 Chemical: COLOR
 Findings: 5.4 UNITS
 Sample Collected: 17-SEP-13
 Chemical: TURBIDITY, LABORATORY
 Findings: 0.196 NTU
 Sample Collected: 30-OCT-13
 Chemical: COLOR
 Findings: 3.6 UNITS
 Sample Collected: 20-MAR-14
 Chemical: COLOR
 Findings: . 2.8 UNITS
 Sample Collected: 20-MAY-14
 Chemical: COLOR
 Findings: . 2.6 UNITS
 Sample Collected: 20-MAY-14
 Chemical: TURBIDITY, LABORATORY
 Findings: . 0.164 NTU
 Sample Collected: 13-NOV-14
 Chemical: COLOR
 Findings: . 3.3 UNITS

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 19-FEB-15 Findings: . 0.152 NTU
 Chemical: TURBIDITY, LABORATORY

Sample Collected: 06-MAY-15 Findings: . 0.131 NTU
 Chemical: TURBIDITY, LABORATORY

**16
NNW
1/4 - 1/2 Mile
Higher** CA WELLS CADW60000028167

Objectid: 28167
 Latitude: 36.9861
 Longitude: -121.9505
 Site code: 369861N1219505W001
 State well numbe: 11S01W10J001M
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 44
 County name: Santa Cruz
 Basin code: '3-1'
 Basin desc: Soquel Valley
 Dwr region id: 80237
 Dwr region: South Central Region Office
 Site id: CADW60000028167

**F17
NE
1/2 - 1 Mile
Higher** FED USGS USGS40000180197

Org. Identifier: USGS-CA
 Formal name: USGS California Water Science Center
 Monloc Identifier: USGS-365911121562001
 Monloc name: 011S001W11L003M
 Monloc type: Well
 Monloc desc: Not Reported
 Huc code: 18060001 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 36.9863391
 Longitude: -121.939591 Sourcemap scale: 24000
 Horiz Acc measure: 1 Horiz Acc measure units: seconds
 Horiz Collection method: Interpolated from map
 Horiz coord refs: NAD83 Vert measure val: 115.00
 Vert measure units: feet Vertacc measure val: 10
 Vert accmeasure units: feet
 Vertcollection method: Interpolated from topographic map
 Vert coord refs: NGVD29 Countrycode: US
 Aquifername: California Coastal Basin aquifers
 Formation type: Purisima Formation
 Aquifer type: Not Reported
 Construction date: 19630712 Welldepth: 150
 Welldepth units: ft Wellholedepth: 150
 Wellholedepth units: ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-04-14	41.12		1981-09-11	52.44	
1981-04-15	47.23		1980-09-11	55.5	
1978-08-09	56.86		1978-07-11	57.85	

**F18
NE
1/2 - 1 Mile
Higher** CA WELLS CADW60000028173

Objectid: 28173
 Latitude: 36.9864
 Longitude: -121.94
 Site code: 369864N1219400W001
 State well numbe: 11S01W11L003M
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 44
 County name: Santa Cruz
 Basin code: '3-1'
 Basin desc: Soquel Valley
 Dwr region id: 80237
 Dwr region: South Central Region Office
 Site id: CADW60000028173

**19
North
1/2 - 1 Mile
Higher** CA WELLS 19965

Water System Information:

Prime Station Code:	4410011-016	User ID:	HEN
FRDS Number:	4410011016	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365918.0 1215641.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 19		
System Number:	4410011		
System Name:	City of Watsonville		
Organization That Operates System:	P.O. BOX 5000		
	WATSONVILLE, CA 95077		
Pop Served:	47000	Connections:	12018
Area Served:	WATSONVILLE VIC		
Sample Collected:	18-JUL-11	Findings:	0.355 PC/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	18-JUL-11	Findings:	1. UNITS
Chemical:	COLOR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	18-JUL-11	Findings:	521. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	18-JUL-11	Findings:	7.72
Chemical:	PH, LABORATORY		
Sample Collected:	18-JUL-11	Findings:	195. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	18-JUL-11	Findings:	0.18 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	18-JUL-11	Findings:	223. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	18-JUL-11	Findings:	14.6 MG/L
Chemical:	CHLORIDE		
Sample Collected:	18-JUL-11	Findings:	0.16 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	18-JUL-11	Findings:	317. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	18-JUL-11	Findings:	3.5 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	18-JUL-11	Findings:	0.313 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	18-JUL-11	Findings:	780. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	18-JUL-11	Findings:	7.8
Chemical:	PH, LABORATORY		
Sample Collected:	18-JUL-11	Findings:	190. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	18-JUL-11	Findings:	58. MG/L
Chemical:	CALCIUM		
Sample Collected:	18-JUL-11	Findings:	23. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	18-JUL-11	Findings:	23. MG/L
Chemical:	SODIUM		
Sample Collected:	18-JUL-11	Findings:	2.6 MG/L
Chemical:	POTASSIUM		
Sample Collected:	18-JUL-11	Findings:	13. MG/L
Chemical:	CHLORIDE		
Sample Collected:	18-JUL-11	Findings:	3.5 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	18-JUL-11	Findings:	800. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	18-JUL-11	Findings:	0.733 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	18-JUL-11	Findings:	0.194 PC/L
Chemical:	RADIUM 226 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	16-JUL-12	Findings:	6.4 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08-JUL-13	Findings:	6.9 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	28-AUG-13	Findings:	.57 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	19-MAR-14	Findings:	.1. UNITS
Chemical:	COLOR		
Sample Collected:	19-MAR-14	Findings:	.7.7
Chemical:	PH, LABORATORY		
Sample Collected:	19-MAR-14	Findings:	.7.7e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	19-MAR-14	Findings:	.500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	19-MAR-14	Findings:	.7.8
Chemical:	PH, LABORATORY		
Sample Collected:	19-MAR-14	Findings:	.160. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	19-MAR-14	Findings:	.190. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	19-MAR-14	Findings:	.210. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	19-MAR-14	Findings:	.50. MG/L
Chemical:	CALCIUM		
Sample Collected:	19-MAR-14	Findings:	.20. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	19-MAR-14	Findings:	.21. MG/L
Chemical:	SODIUM		
Sample Collected:	19-MAR-14	Findings:	.2.3 MG/L
Chemical:	POTASSIUM		
Sample Collected:	19-MAR-14	Findings:	.13. MG/L
Chemical:	CHLORIDE		
Sample Collected:	19-MAR-14	Findings:	.0.2 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	19-MAR-14	Findings:	.6.7e-002 MG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	19-MAR-14	Findings:	.300. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	19-MAR-14	Findings:	.0.8
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	19-MAR-14	Findings:	.7.4 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	19-MAR-14	Findings:	.12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 19-MAR-14 Findings: 1700. UG/L
 Chemical: NITRATE + NITRITE (AS N)

G20
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000180205

Org. Identifier: USGS-CA
 Formal name: USGS California Water Science Center
 Monloc Identifier: USGS-365915121561501
 Monloc name: 011S001W11L002M
 Monloc type: Well
 Monloc desc: Not Reported
 Huc code: 18060001 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 36.9874502
 Longitude: -121.9385702 Source map scale: 24000
 Horiz Acc measure: 1 Horiz Acc measure units: seconds
 Horiz Collection method: Interpolated from map
 Horiz coord refs: NAD83 Vert measure val: 120.00
 Vert measure units: feet Vertacc measure val: 10
 Vert acc measure units: feet
 Vert collection method: Interpolated from topographic map
 Vert coord refs: NGVD29 Countrycode: US
 Aquifer name: California Coastal Basin aquifers
 Formation type: Not Reported
 Aquifer type: Not Reported
 Construction date: 19700101 Well depth: 650
 Well depth units: ft Well hole depth: 650
 Well hole depth units: ft

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-04-14	132		1978-08-13	136	
1974-02-01	127.00		1974-02	127	

H21
ENE
1/2 - 1 Mile
Higher

CA WELLS 10542

Water System Information:

Prime Station Code:	11S/01W-11J01 M	User ID:	HEN
FRDS Number:	4410017022	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365900.0 1215600.0	Precision:	Undefined
Source Name:	ROSEDALE WELL		
System Number:	4410017		
System Name:	Soquel Creek Water District		
Organization That Operates System:	P O BOX 158		
	SOQUEL, CA 95073		
Pop Served:	38460	Connections:	12820
Area Served:	SOQUEL APTOS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	15-SEP-11	Findings:	756. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	15-SEP-11	Findings:	3.e-003 MG/L
Chemical:	IODIDE		
Sample Collected:	15-SEP-11	Findings:	0.16 MG/L
Chemical:	BROMIDE		
Sample Collected:	26-OCT-11	Findings:	29. UNITS
Chemical:	COLOR		
Sample Collected:	26-OCT-11	Findings:	701. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	26-OCT-11	Findings:	7.25
Chemical:	PH, LABORATORY		
Sample Collected:	26-OCT-11	Findings:	215. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	26-OCT-11	Findings:	215. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	26-OCT-11	Findings:	290. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	26-OCT-11	Findings:	82. MG/L
Chemical:	CALCIUM		
Sample Collected:	26-OCT-11	Findings:	21. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	26-OCT-11	Findings:	46. MG/L
Chemical:	SODIUM		
Sample Collected:	26-OCT-11	Findings:	7.7 MG/L
Chemical:	POTASSIUM		
Sample Collected:	26-OCT-11	Findings:	50. MG/L
Chemical:	CHLORIDE		
Sample Collected:	26-OCT-11	Findings:	0.46 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	26-OCT-11	Findings:	860. UG/L
Chemical:	IRON		
Sample Collected:	26-OCT-11	Findings:	290. UG/L
Chemical:	MANGANESE		
Sample Collected:	26-OCT-11	Findings:	463. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	26-OCT-11	Findings:	7.79 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10-OCT-12	Findings:	32. UNITS
Chemical:	COLOR		
Sample Collected:	10-OCT-12	Findings:	695. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10-OCT-12	Findings:	7.6
Chemical:	PH, LABORATORY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10-OCT-12	Findings:	223. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	10-OCT-12	Findings:	223. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10-OCT-12	Findings:	280. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	10-OCT-12	Findings:	78. MG/L
Chemical:	CALCIUM		
Sample Collected:	10-OCT-12	Findings:	21. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10-OCT-12	Findings:	48. MG/L
Chemical:	SODIUM		
Sample Collected:	10-OCT-12	Findings:	7.6 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10-OCT-12	Findings:	43. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10-OCT-12	Findings:	0.35 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10-OCT-12	Findings:	800. UG/L
Chemical:	IRON		
Sample Collected:	10-OCT-12	Findings:	270. UG/L
Chemical:	MANGANESE		
Sample Collected:	10-OCT-12	Findings:	486. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10-OCT-12	Findings:	6.16 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	13-JUN-13	Findings:	33. UNITS
Chemical:	COLOR		
Sample Collected:	13-JUN-13	Findings:	6.03 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	17-SEP-13	Findings:	34. UNITS
Chemical:	COLOR		
Sample Collected:	17-SEP-13	Findings:	7.21 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	17-OCT-13	Findings:	25. UNITS
Chemical:	COLOR		
Sample Collected:	17-OCT-13	Findings:	521. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	17-OCT-13	Findings:	7.08
Chemical:	PH, LABORATORY		
Sample Collected:	17-OCT-13	Findings:	217. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	17-OCT-13	Findings:	217. MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	17-OCT-13	Findings:	246. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	17-OCT-13	Findings:	69. MG/L
Chemical:	CALCIUM		
Sample Collected:	17-OCT-13	Findings:	18. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	17-OCT-13	Findings:	44. MG/L
Chemical:	SODIUM		
Sample Collected:	17-OCT-13	Findings:	45. MG/L
Chemical:	CHLORIDE		
Sample Collected:	17-OCT-13	Findings:	0.36 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	17-OCT-13	Findings:	640. UG/L
Chemical:	IRON		
Sample Collected:	17-OCT-13	Findings:	210. UG/L
Chemical:	MANGANESE		
Sample Collected:	17-OCT-13	Findings:	472. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	17-OCT-13	Findings:	6.1 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	30-OCT-13	Findings:	31. UNITS
Chemical:	COLOR		
Sample Collected:	18-DEC-13	Findings:	2.6 UNITS
Chemical:	COLOR		
Sample Collected:	19-FEB-14	Findings:	. 0.17 MG/L
Chemical:	BROMIDE		
Sample Collected:	20-MAR-14	Findings:	. 36. UNITS
Chemical:	COLOR		
Sample Collected:	20-MAR-14	Findings:	. 6.61 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	20-MAY-14	Findings:	. 28. UNITS
Chemical:	COLOR		
Sample Collected:	20-MAY-14	Findings:	. 4.54 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	06-AUG-14	Findings:	. 6.39 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	16-OCT-14	Findings:	. 28. UNITS
Chemical:	COLOR		
Sample Collected:	16-OCT-14	Findings:	. 215. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	16-OCT-14	Findings:	. 7.03
Chemical:	PH, LABORATORY		
Sample Collected:	16-OCT-14	Findings:	. 220. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	16-OCT-14	Findings:	. 220. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	16-OCT-14	Findings:	. 273. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	16-OCT-14	Findings:	. 76. MG/L
Chemical:	CALCIUM		
Sample Collected:	16-OCT-14	Findings:	. 20. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	16-OCT-14	Findings:	. 52. MG/L
Chemical:	SODIUM		
Sample Collected:	16-OCT-14	Findings:	. 45. MG/L
Chemical:	CHLORIDE		
Sample Collected:	16-OCT-14	Findings:	. 0.34 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	16-OCT-14	Findings:	. 760. UG/L
Chemical:	IRON		
Sample Collected:	16-OCT-14	Findings:	. 270. UG/L
Chemical:	MANGANESE		
Sample Collected:	16-OCT-14	Findings:	. 516. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	16-OCT-14	Findings:	. 6.7 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	16-OCT-14	Findings:	. 0.15 MG/L
Chemical:	BROMIDE		
Sample Collected:	13-NOV-14	Findings:	. 30. UNITS
Chemical:	COLOR		
Sample Collected:	13-NOV-14	Findings:	. 5.95 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	19-FEB-15	Findings:	. 23. UNITS
Chemical:	COLOR		
Sample Collected:	19-FEB-15	Findings:	. 3.41 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	06-MAY-15	Findings:	. 28. UNITS
Chemical:	COLOR		
Sample Collected:	06-MAY-15	Findings:	. 4.69 NTU
Chemical:	TURBIDITY, LABORATORY		

H22
ENE
1/2 - 1 Mile
Higher

CA WELLS 10543

Water System Information:

Prime Station Code:	11S/01W-11L01 M	User ID:	HEN
FRDS Number:	4410017015	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/I/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365900.0 1215600.0	Precision:	Undefined
Source Name:	MAPLETHORPE WELL		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	4410017		
System Name:	Soquel Creek Water District		
Organization That Operates System:	P O BOX 158		
	SOQUEL, CA 95073		
Pop Served:	38460	Connections:	12820
Area Served:	SOQUEL APTOS		

H23
ENE
1/2 - 1 Mile
Higher

CA WELLS 10544

Water System Information:

Prime Station Code:	11S/01W-11L02 M	User ID:	HEN
FRDS Number:	4410017032	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/I/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365900.0 1215600.0	Precision:	Undefined
Source Name:	TANNERY CREEK WELL		
System Number:	4410017		
System Name:	Soquel Creek Water District		
Organization That Operates System:	P O BOX 158		
	SOQUEL, CA 95073		
Pop Served:	38460	Connections:	12820
Area Served:	SOQUEL APTOS		

G24
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000180212

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-365918121561401		
Monloc name:	011S001W11L001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	36.9862835
Longitude:	-121.9382924	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	130.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19650101	Welldepth:	628
Welldepth units:	ft	Wellholedepth:	628
Wellholedepth units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-04-14	144		1978-08-13	150	
1965-04-01	101.85		1965-04	101.85	

G25
NE
1/2 - 1 Mile
Higher

CA WELLS **CADW6000007292**

Objectid: 7292
Latitude: 36.9883
Longitude: -121.9383
Site code: 369883N1219383W001
State well number: 11S01W11L001M
Local well name: ""
Well use id: 6
Well use descrip: Unknown
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW6000007292

G26
NE
1/2 - 1 Mile
Higher

CA WELLS **22556**

Water System Information:

Prime Station Code:	E44/017-TRDTAN	User ID:	HEN
FRDS Number:	4410017033	County:	Santa Cruz
District Number:	05	Station Type:	STREAM/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	365918.0 1215612.0	Precision:	100 Feet (one Second)
Source Name:	TANNERY WTP - TREATED		
System Number:	4410017		
System Name:	Soquel Creek Water District		
Organization That Operates System:	P O BOX 158 SOQUEL, CA 95073		
Pop Served:	38460	Connections:	12820
Area Served:	SOQUEL APTOS		
Sample Collected:	26-OCT-11	Findings:	7.36
Chemical:	PH, LABORATORY		
Sample Collected:	26-OCT-11	Findings:	0.115 NTU
Chemical:	TURBIDITY, LABORATORY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 04-OCT-12
Chemical: TURBIDITY, LABORATORY

Findings: 0.12 NTU

I27
East
1/2 - 1 Mile
Higher

CA WELLS **CADW60000030022**

Objectid: 30022
Latitude: 36.9794
Longitude: -121.9322
Site code: 369794N1219322W001
State well number: 11S01W14A002M
Local well name: ""
Well use id: 6
Well use descrip: Unknown
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000030022

I28
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000180136**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-365846121555201		
Monloc name:	011S001W14A002M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	36.9793949
Longitude:	-121.9321809	Source map scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	115.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Purisima Formation		
Aquifer type:	Not Reported		
Construction date:	1960	Welldepth:	194
Welldepth units:	ft	Wellholedepth:	194
Wellholedepth units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 8

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-04-14	86.09		1981-09-10	92.8	
1981-04-15	89.98		1980-09-11	88.8	
1978-08-09	86.84		1978-08-02	87.9	
1978-06-23	93		1965-04-15	80	

J29
West
1/2 - 1 Mile
Lower CA WELLS CADW60000003966

Objectid: 3966
Latitude: 36.981551
Longitude: -121.960071
Site code: 369816N1219601W001
State well numbe: Not Reported
Local well name: 'Auto Plaza Shallow'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-26'
Basin desc: West Santa Cruz Terrace
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000003966

J30
West
1/2 - 1 Mile
Lower CA WELLS CADW60000003967

Objectid: 3967
Latitude: 36.981551
Longitude: -121.960071
Site code: 369816N1219601W002
State well numbe: Not Reported
Local well name: 'Auto Plaza Medium'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-26'
Basin desc: West Santa Cruz Terrace
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000003967

J31
West
1/2 - 1 Mile
Lower CA WELLS CADW60000003968

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 3968
Latitude: 36.981551
Longitude: -121.960071
Site code: 369816N1219601W003
State well numbe: Not Reported
Local well name: 'Auto Plaza Deep'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-26'
Basin desc: West Santa Cruz Terrace
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000003968

I32
East
1/2 - 1 Mile
Lower CA WELLS CADW60000004163

Objectid: 4163
Latitude: 36.979663
Longitude: -121.930942
Site code: 369797N1219309W001
State well numbe: Not Reported
Local well name: 'SC-5A'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000004163

I33
East
1/2 - 1 Mile
Lower CA WELLS CADW60000004164

Objectid: 4164
Latitude: 36.979663
Longitude: -121.930942
Site code: 369797N1219309W002
State well numbe: Not Reported
Local well name: 'SC-5B'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000004164

I34
East
1/2 - 1 Mile
Lower

CA WELLS **CADW60000004165**

Objectid: 4165
Latitude: 36.979663
Longitude: -121.930942
Site code: 369797N1219309W003
State well number: Not Reported
Local well name: 'SC-5C'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000004165

35
NW
1/2 - 1 Mile
Lower

FRDS PWS **CA2702235**

Location Information:
Name: BALLANTREE ESTATES WS
Pwstypcd: CWS
Popserved: 51
Add1: Not Reported
Add2: HWY 101
City: AROMAS
Zip: 95004
Cityserv: Not Reported
Stateserv: CA

Prmsrcod: GW
State: CA
Phone: Not Reported
Cntyserv: Not Reported
Zipserv: Not Reported

Enforcement Information:
Violation id: 95V0001
Enf fy: 2000
Enf act detail: St Compliance achieved

Orig cd: F
Enf act date: 04/04/2000
Enf act cat: Resolving

PWS ID: CA2702235
Date Initiated: Not Reported
Date Deactivated: Not Reported
PWS Name: BALLANTREE ESTATES WS
AROMAS, CA 95004

Addressee / Facility: System Owner/Responsible Party
HWY 101 NORTH WATER SYSTEM 2
2941 PARK AVENUE
SOGUEL, CA 95073

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude: 36 59 17
City Served: Not Reported
Treatment Class: Untreated

Facility Longitude: 121 57 20
Population: 51

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name: BALLANTREE ESTATES WS
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2000-04-04
Violation ID: 95V0001
Enforcement Date: 2000-04-04
Enf. Action: State Compliance Achieved

System Name: BALLANTREE ESTATES WS
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2000-04-04
Violation ID: 95V0001
Enforcement Date: 2000-04-04
Enf. Action: State Compliance Achieved

System Name: BALLANTREE ESTATES WS
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2015-12-31
Violation ID: 95V0001
Enforcement Date: Not Reported
Enf. Action: Not Reported

System Name: BALLANTREE ESTATES WS
Violation Type: Monitoring, Routine Major (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1998-02-01 - 1998-02-28
Violation ID: 98057001
Enforcement Date: Not Reported
Enf. Action: Not Reported

K36
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000180074**

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-365820121572001
Monloc name: 011S001W15L001M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060001
Drainagearea Units: Not Reported
Contrib drainagearea units: Not Reported
Longitude: -121.9566264
Horiz Acc measure: 1
Horiz Collection method: Interpolated from map
Horiz coord refs: NAD83
Vert measure units: feet
Vert accmeasure units: feet
Vertcollection method: Interpolated from topographic map
Vert coord refs: NGVD29
Aquifername: California Coastal Basin aquifers
Formation type: Purisima Formation

Drainagearea value: Not Reported
Contrib drainagearea: Not Reported
Latitude: 36.9721728
Sourcemap scale: 24000
Horiz Acc measure units: seconds
Vert measure val: 75.00
Vertacc measure val: 10
Countrycode: US

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
Construction date: 19300101 Welldepth: 211
Welldepth units: ft Wellholedepth: 211
Wellholedepth units: ft

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-04-14	85		1978-08-13	82	
1967-02-01	66.69		1967-02	66.7	

37
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000180202

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-365914121555701
Monloc name: 011S001W11K002M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060001 Drainagearea value: Not Reported
Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported Latitude: 36.9871725
Longitude: -121.93357 Sourcemap scale: Not Reported
Horiz Acc measure: Unknown Horiz Acc measure units: Unknown
Horiz Collection method: Interpolated from map
Horiz coord refs: NAD83 Vert measure val: Not Reported
Vert measure units: Not Reported Vertacc measure val: Not Reported
Vert accmeasure units: Not Reported
Vertcollection method: Not Reported
Vert coord refs: Not Reported Countrycode: US
Aquifername: California Coastal Basin aquifers
Formation type: Purisima Formation
Aquifer type: Not Reported
Construction date: Not Reported Welldepth: 124
Welldepth units: ft Wellholedepth: Not Reported
Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

K38
SW
1/2 - 1 Mile
Lower

CA WELLS CADW60000030025

Objectid: 30025
Latitude: 36.9722
Longitude: -121.9569
Site code: 369722N1219569W001
State well number: 11S01W15L002M
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 44
County name: Santa Cruz

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000030025

K39
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000180075

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-365820121572102
Monloc name: 011S001W15L002M
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060001 Drainagearea value: Not Reported
Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported Latitude: 36.9721728
Longitude: -121.9569042 Sourcemap scale: 24000
Horiz Acc measure: 1 Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map
Horiz coord refs: NAD83 Vert measure val: 75.00
Vert measure units: feet Vertacc measure val: 10
Vert accmeasure units: feet
Vertcollection method: Interpolated from topographic map
Vert coord refs: NGVD29 Countrycode: US
Aquifername: California Coastal Basin aquifers
Formation type: Not Reported
Aquifer type: Not Reported
Construction date: 19540101 Welldepth: 256
Welldepth units: ft Wellholedepth: 256
Wellholedepth units: ft

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-04-14	86		1978-08-13	78	
1967-02-01	66.64		1967-02	66.64	

L40
East
1/2 - 1 Mile
Higher

CA WELLS 10546

Water System Information:

Prime Station Code:	11S/01W-11R01 M	User ID:	44C
FRDS Number:	4400582001	County:	Santa Cruz
District Number:	74	Station Type:	WELL/AMBN/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365856.0 1215545.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		

APPENDIX E

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	4400582		
System Name:	PINE TREE LANE MUTUAL WATER COMPANY		
Organization That Operates System:			
Pop Served:	Not Reported	Connections:	Unknown, Small System
Area Served:	Unknown, Small System		
Sample Collected:	Not Reported		
Chemical:	31-MAY-15	Findings:	. 670. MG/L
	TOTAL DISSOLVED SOLIDS		
Sample Collected:	18-MAR-13	Findings:	0.14 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	18-MAR-13	Findings:	3.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-MAR-13	Findings:	750. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	20-FEB-15	Findings:	. 1000. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	31-MAY-15	Findings:	. 85. MG/L
Chemical:	CALCIUM		
Sample Collected:	31-MAY-15	Findings:	. 44. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	31-MAY-15	Findings:	. 75. MG/L
Chemical:	SODIUM		
Sample Collected:	31-MAY-15	Findings:	. 110. MG/L
Chemical:	CHLORIDE		

L41			FED USGS	USGS40000180169
East				
1/2 - 1 Mile				
Higher				
Org. Identifier:	USGS-CA			
Formal name:	USGS-California Water Science Center			
Monloc Identifier:	USGS-365856121554501			
Monloc name:	011S001W11R001M			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	18060001	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	36.9821726	
Longitude:	-121.9302364	Sourcemap scale:	24000	
Horiz Acc measure:	1	Horiz Acc measure units:	seconds	
Horiz Collection method:	Interpolated from map			
Horiz coord refs:	NAD83	Vert measure val:	120.00	
Vert measure units:	feet	Vertacc measure val:	20	
Vert accmeasure units:	feet			
Vertcollection method:	Interpolated from topographic map			
Vert coord refs:	NGVD29	Countrycode:	US	
Aquifername:	California Coastal Basin aquifers			
Formation type:	Not Reported			

TC4420002.2s Page A-41

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported		
Construction date:	19500101	Welldepth:	220
Welldepth units:	ft	Wellholedepth:	220
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 6					
Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-04-13	87.6		1981-09-10	99.0	
1981-04-15	96.84		1980-09-11	96.8	
1978-08-10	100.7				
1978-08-02	144.1				

Note: The site was being pumped.

42 SW 1/2 - 1 Mile Lower	CA WELLS 22554
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Water System Information:

Water System Information:			
Prime Station Code:	E44/017-TRTDOPA	User ID:	HEN
FRDS Number:	4410017020	County:	Santa Cruz
District Number:	05	Station Type:	STREAM/AMBN/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	365818.0 1215726.0	Precision:	100 Feet (one Second)
Source Name:	OPAL WTP - TREATED		
System Number:	4410017		
System Name:	Soquel Creek Water District		
Organization That Operates System:			

Pop Served:	SOQUEL, CA 95073	Connections:	12820
Area Served:	SOQUEL APTOS		
Sample Collected:	31-JAN-11	Findings:	170. UG/L
Chemical:	IRON		
Sample Collected:	31-JAN-11	Findings:	23. UG/L
Chemical:	MANGANESE		
Sample Collected:	24-FEB-11	Findings:	190. UG/L
Chemical:	IRON		
Sample Collected:	24-FEB-11	Findings:	22. UG/L
Chemical:	MANGANESE		
Sample Collected:	31-MAR-11	Findings:	270. UG/L
Chemical:	IRON		
Sample Collected:	31-MAR-11	Findings:	30. UG/L
Chemical:	MANGANESE		
Sample Collected:	29-APR-11	Findings:	120. UG/L
Chemical:	IRON		
Sample Collected:	31-MAY-11	Findings:	260. UG/L
Chemical:	IRON		

TC4420002.2s Page A-42

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10-JUN-11	Findings:	200. UG/L
Chemical:	IRON		
Sample Collected:	29-JUL-11	Findings:	110. UG/L
Chemical:	IRON		
Sample Collected:	31-AUG-11	Findings:	110. UG/L
Chemical:	IRON		
Sample Collected:	30-SEP-11	Findings:	150. UG/L
Chemical:	IRON		
Sample Collected:	27-OCT-11	Findings:	3.2 UNITS
Chemical:	COLOR		
Sample Collected:	27-OCT-11	Findings:	7.33
Chemical:	PH, LABORATORY		
Sample Collected:	27-OCT-11	Findings:	0.247 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	21-DEC-11	Findings:	110. UG/L
Chemical:	IRON		
Sample Collected:	27-APR-12	Findings:	210. UG/L
Chemical:	IRON		
Sample Collected:	29-JAN-13	Findings:	300. UG/L
Chemical:	IRON		
Sample Collected:	29-JAN-13	Findings:	33. UG/L
Chemical:	MANGANESE		
Sample Collected:	13-FEB-13	Findings:	0.11 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	14-FEB-13	Findings:	150. UG/L
Chemical:	IRON		
Sample Collected:	13-JUN-13	Findings:	2.8 UNITS
Chemical:	COLOR		
Sample Collected:	13-JUN-13	Findings:	0.129 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	18-SEP-13	Findings:	2.7 UNITS
Chemical:	COLOR		
Sample Collected:	18-SEP-13	Findings:	0.163 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	16-OCT-13	Findings:	0.456 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	18-DEC-13	Findings:	3.7 UNITS
Chemical:	COLOR		
Sample Collected:	18-DEC-13	Findings:	3.49 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	20-MAR-14	Findings:	. 3.8 UNITS
Chemical:	COLOR		
Sample Collected:	20-MAR-14	Findings:	. 0.152 NTU
Chemical:	TURBIDITY, LABORATORY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	14-MAY-14	Findings:	. 2.5 UNITS
Chemical:	COLOR		
Sample Collected:	14-MAY-14	Findings:	. 0.149 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	06-AUG-14	Findings:	. 0.131 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	12-NOV-14	Findings:	. 0.126 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	19-FEB-15	Findings:	. 2.2 UNITS
Chemical:	COLOR		
Sample Collected:	19-FEB-15	Findings:	. 0.135 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	06-MAY-15	Findings:	. 0.123 NTU
Chemical:	TURBIDITY, LABORATORY		

M43
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40000180182

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-365901121573801		
Monloc name:	011S001W10N001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	36.9835613
Longitude:	-121.9616268	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Purisima Formation		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

M44
WNW
1/2 - 1 Mile
Higher

CA WELLS CADW60000028168

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 28168
Latitude: 36.9836
Longitude: -121.9617
Site code: 369836N1219617W001
State well numbe: 11S01W10N001M
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000028168

N45
SW
1/2 - 1 Mile
Lower
CA WELLS **CADW60000004158**

Objectid: 4158
Latitude: 36.969764
Longitude: -121.956309
Site code: 369698N1219563W001
State well numbe: Not Reported
Local well name: 'SC-1A'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz
Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000004158

N46
SW
1/2 - 1 Mile
Lower
CA WELLS **CADW60000004159**

Objectid: 4159
Latitude: 36.969764
Longitude: -121.956309
Site code: 369698N1219563W002
State well numbe: Not Reported
Local well name: 'SC-1B'
Well use id: 1
Well use descrip: Observation
County id: 44
County name: Santa Cruz

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '3-1'
Basin desc: Soquel Valley
Dwr region id: 80237
Dwr region: South Central Region Office
Site id: CADW60000004159

47
NNW
1/2 - 1 Mile
Lower
CA WELLS **10541**

Water System Information:

Prime Station Code:	11S/01W-10B01 M	User ID:	HEN
FRDS Number:	4410017014	County:	Santa Cruz
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	365932.0 1215713.0	Precision:	100 Feet (one Second)
Source Name:	MAIN STREET WELL		
System Number:	4410017		
System Name:	Soquel Creek Water District		
Organization That Operates System:	P O BOX 158		
	SOQUEL, CA 95073		
Pop Served:	38460	Connections:	12820
Area Served:	SOQUEL APTOS		
Sample Collected:	16-OCT-13	Findings:	425. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	16-OCT-13	Findings:	7.47
Chemical:	PH, LABORATORY		
Sample Collected:	16-OCT-13	Findings:	184. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	16-OCT-13	Findings:	184. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	16-OCT-13	Findings:	147. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	16-OCT-13	Findings:	36. MG/L
Chemical:	CALCIUM		
Sample Collected:	16-OCT-13	Findings:	14. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	16-OCT-13	Findings:	40. MG/L
Chemical:	SODIUM		
Sample Collected:	16-OCT-13	Findings:	28. MG/L
Chemical:	CHLORIDE		
Sample Collected:	16-OCT-13	Findings:	0.42 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	16-OCT-13	Findings:	210. UG/L
Chemical:	IRON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	16-OCT-13	Findings:	82. UG/L
Chemical:	MANGANESE		
Sample Collected:	16-OCT-13	Findings:	300. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	16-OCT-13	Findings:	0.464 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	18-DEC-13	Findings:	25. UNITS
Chemical:	COLOR		
Sample Collected:	18-DEC-13	Findings:	5.85 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	19-FEB-14	Findings:	. 0.1 MG/L
Chemical:	BROMIDE		
Sample Collected:	07-APR-15	Findings:	. 2. UNITS
Chemical:	COLOR		
Sample Collected:	07-APR-15	Findings:	. 2. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07-APR-15	Findings:	. 536. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-APR-15	Findings:	. 7.92
Chemical:	PH, LABORATORY		
Sample Collected:	07-APR-15	Findings:	. 160. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07-APR-15	Findings:	. 200. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07-APR-15	Findings:	. 230. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07-APR-15	Findings:	. 57. MG/L
Chemical:	CALCIUM		
Sample Collected:	07-APR-15	Findings:	. 22. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07-APR-15	Findings:	. 29. MG/L
Chemical:	SODIUM		
Sample Collected:	07-APR-15	Findings:	. 5.5 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07-APR-15	Findings:	. 25. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07-APR-15	Findings:	. 0.36 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	07-APR-15	Findings:	. 640. UG/L
Chemical:	IRON		
Sample Collected:	07-APR-15	Findings:	. 260. UG/L
Chemical:	MANGANESE		
Sample Collected:	07-APR-15	Findings:	. 2.1 UG/L
Chemical:	TOLUENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07-APR-15	Findings:	. 390. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-APR-15	Findings:	. 2.7 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	15-SEP-11	Findings:	504. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	15-SEP-11	Findings:	5.e-003 MG/L
Chemical:	IODIDE		
Sample Collected:	15-SEP-11	Findings:	8.7e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	26-OCT-11	Findings:	3.1 UNITS
Chemical:	COLOR		
Sample Collected:	26-OCT-11	Findings:	472. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	26-OCT-11	Findings:	7.69
Chemical:	PH, LABORATORY		
Sample Collected:	26-OCT-11	Findings:	182. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	26-OCT-11	Findings:	182. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	26-OCT-11	Findings:	160. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	26-OCT-11	Findings:	39. MG/L
Chemical:	CALCIUM		
Sample Collected:	26-OCT-11	Findings:	15. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	26-OCT-11	Findings:	46. MG/L
Chemical:	SODIUM		
Sample Collected:	26-OCT-11	Findings:	6.3 MG/L
Chemical:	POTASSIUM		
Sample Collected:	26-OCT-11	Findings:	21. MG/L
Chemical:	CHLORIDE		
Sample Collected:	26-OCT-11	Findings:	0.53 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	26-OCT-11	Findings:	130. UG/L
Chemical:	IRON		
Sample Collected:	26-OCT-11	Findings:	42. UG/L
Chemical:	MANGANESE		
Sample Collected:	26-OCT-11	Findings:	285. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	26-OCT-11	Findings:	0.203 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	16-OCT-12	Findings:	7.5 UNITS
Chemical:	COLOR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	16-OCT-12	Findings:	511. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	16-OCT-12	Findings:	7.65
Chemical:	PH, LABORATORY		
Sample Collected:	16-OCT-12	Findings:	191. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	16-OCT-12	Findings:	191. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	16-OCT-12	Findings:	160. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	16-OCT-12	Findings:	39. MG/L
Chemical:	CALCIUM		
Sample Collected:	16-OCT-12	Findings:	16. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	16-OCT-12	Findings:	48. MG/L
Chemical:	SODIUM		
Sample Collected:	16-OCT-12	Findings:	26. MG/L
Chemical:	CHLORIDE		
Sample Collected:	16-OCT-12	Findings:	0.4 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	16-OCT-12	Findings:	240. UG/L
Chemical:	IRON		
Sample Collected:	16-OCT-12	Findings:	92. UG/L
Chemical:	MANGANESE		
Sample Collected:	16-OCT-12	Findings:	329. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	16-OCT-12	Findings:	0.574 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	23-OCT-12	Findings:	0.63 MG/L
Chemical:	AMMONIA (NH3-N)		
Sample Collected:	17-SEP-13	Findings:	5.8 UNITS
Chemical:	COLOR		
Sample Collected:	17-SEP-13	Findings:	0.485 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	16-OCT-13	Findings:	5.2 UNITS
Chemical:	COLOR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95010	67	1

Federal EPA Radon Zone for SANTA CRUZ County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SANTA CRUZ COUNTY, CA

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.100 pCi/L	89%	11%	0%
Living Area - 2nd Floor	1.900 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the data 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 Services
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 Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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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Phase I/II Environmental Site Assessment
274 Kearney Street Extension, Watsonville
June 30, 2015 / Project 2X513

APPENDIX D

Related Reports, Closure Letters and Regulatory Correspondence

Section I -

California Hazardous Materials Inventory Reporting Form - Business & Owner/Operator Identification Page

CALENDAR YEAR BEGINNING (1) 1999 ENDING (2) 2000 (3) PAGE 1 OF 10

BUSINESS NAME (4) CITY OF CAPITOLA BUSINESS PHONE (5) (831) 476-4227

SITE ADDRESS (6) 430 Kennedy Drive

CITY (7) Capitola STATE (8) CA ZIP (9) 95010

DUN & BRADSTREET (10) 12-138-7393 SIC CODE (4 DIGIT#) (11) 9999

OPERATOR NAME (12) Dan Pincetich OPERATOR PHONE (13) (831) 475-7300

OWNER INFORMATION

OWNER NAME (14) CITY OF CAPITOLA OWNER PHONE (15) (831) 475-7300

OWNER MAILING ADDRESS (16) 420 Capitola Ave

CITY (17) Capitola STATE (18) CA ZIP (19) 95010

ENVIRONMENTAL CONTACT

CONTACT NAME (20) Ed Morrison CONTACT PHONE (21) (831) 475-7300

MAILING ADDRESS (22) 420 Capitola Ave

CITY (23) Capitola STATE (24) CA ZIP (25) 95010

Primary

EMERGENCY CONTACTS

Secondary

NAME: (26)	Ed Morrison	NAME: (31)	Eddie Ray Garcia
TITLE: (27)	Asst. Public Works Director	TITLE: (32)	Street Supervisor
BUSINESS PHONE: (28)	(831) 475-7300	BUSINESS PHONE: (33)	(831) 476-4227
24-HOUR PHONE: (29)		24-HOUR PHONE: (34)	(831) 426-6228
CELL FAXER #: (30)	(831) 689-2605 Z12-4067	CELL FAXER #: (35)	(831) 689-2597 Z12-4046

ACUTELY HAZARDOUS MATERIALS (AHM)

ON SITE AHM (36) ☐ Yes ☐ No

If yes, and above Threshold Planning Quantities, attach a sheet of paper with a general description of the process and principal equipment.

ADDITIONAL LOCALLY COLLECTED INFORMATION

(37)

SEE THE REVERSE SIDE OF THIS PAGE

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this inventory and believe the information is true, accurate, and complete.

Print Name of Document Preparer (38)

Signature of Owner/Operator (39)

Date (40)

SANTA CRUZ COUNTY LOCALLY COLLECTED INFORMATION


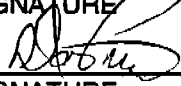
- (37) (A) NEAREST CROSS STREET: Monterey Ave
- (B) ASSESSOR'S PARCEL NUMBER: 36-041-22 (C) FIRE DISTRICT: Central
- (D) BUSINESS HOURS: 6:00AM - 3:00PM NUMBER OF SHIFTS: 1 NUMBER OF EMPLOYEES: 11
- (E) IN CITY LIMITS: ☒ YES ☐ NO (F) COUNTY SUPERVISOR DISTRICT: _____
- (G) WATER DISTRICT: Soquel Creek (H) DEPTH TO WATER TABLE: 50'
- (I) FLOOD ZONE: ☐ YES ☒ NO (J) EARTHQUAKE FAULTS: ☐ YES ☒ NO
- (K) SURROUNDING GENERAL LAND USES WITHIN ONE MILE OF YOUR FACILITY (ZONING):
- North: Hwy 1 / Residential
- South: Residential
- East: Residential
- West: Commercial / Residential
- (L) SPECIAL LAND USES WITHIN ONE MILE OF YOUR FACILITY (SCHOOLS, HOSPITALS, INSTITUTIONS, etc.):
- North: _____
- South: Capitola Elementary / New Brighton Middle School
- East: _____
- West: _____

I declare under penalty of perjury, the information contained herein is true and correct. If there is any change which would materially affect any information contained in this plan, I will notify Environmental Health Service and apply for an appropriate amendment to the plan as required by applicable County/City hazardous materials codes.

I agree to reimburse the County/City for all costs incurred by the County/City to remedy the effects of any unauthorized release.

I agree to indemnify, hold harmless and defend the County/City against any claim, cause of action, disability, loss, liability, damage, cost or expense, howsoever arising, which occurs by reason of an unauthorized discharge in connection with permittee's operations under this permit.

DATE: 2.9.99

<u>Ed Morrison</u>		<u>Asst. Public Works Director</u>
PRINT NAME - APPLICANT	SIGNATURE	TITLE
<u>Dan Pincetich</u>		<u>City Manager</u>
PRINT NAME - BUSINESS OWNER	SIGNATURE	TITLE

Section II -

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

☐ ADD ☐ DELETE ☐ REVISE

PAGE (2)

2

OF (3)

10

BUSINESS NAME (4) Corporation Yard - City of Capitola

CHEMICAL LOCATION (5) NE Corner of yard

MAP# (6) 1 GRID# (7) 6-H

CHEMICAL NAME (8) Diesel Fuel. TRADE SECRET (11) ☐ Y ☒ N

COMMON NAME (9) Diesel EHS (12) ☐ Y ☒ N

CAS# (10)

FIRE CODE (13) Combustible

HAZARD CLASSES

IF EHS BOX IS "Y"
ALL AMOUNTS MUST BE IN LBS.

TYPE (14) ☐ PURE ☒ MIXTURE ☐ WASTE RADIOACTIVE (15) ☐ Y ☒ N (16)

PHYSICAL STATE (17) ☐ SOLID ☒ LIQUID ☐ GAS CURIES

FED HAZARD CATEGORIES (18) ☒ FIRE ☐ REACTIVE ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH

STATE WASTE CODE (19) UNITS (22) ☒ GAL ☐ CU FT MAX DAILY AMT (23) 1,000

DAYS ON SITE (20) 365 If EHS, amounts must be in lbs. AVG DAILY AMT (24) 800

LARGEST CONTAINER (21) 1000 ANNUAL WASTE AMT (25)

STORAGE CONTAINER (26) ☒ ABOVE GROUND TANK ☐ CAN ☐ BOX ☐ TANK WAGON

☐ UNDER GROUND TANK ☐ CARBOY ☐ CYLINDER ☐ RAIL CAR

☐ TANK INSIDE BUILDING ☐ SILO ☐ GLASS BOTTLE

☐ STEEL DRUM ☐ FIBER DRUM ☐ PLASTIC BOTTLE

☐ PLASTIC/NONMETALLIC DRUM ☐ BAG ☐ TOTE BIN

STORAGE PRESSURE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENT	(31) EHS	(32) CAS#
1		<input type="checkbox"/> Y <input type="checkbox"/> N	
2		<input type="checkbox"/> Y <input type="checkbox"/> N	
3		<input type="checkbox"/> Y <input type="checkbox"/> N	
4		<input type="checkbox"/> Y <input type="checkbox"/> N	
5		<input type="checkbox"/> Y <input type="checkbox"/> N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

If you have identified the chemical type as a "waste" (#14 above), please enter your Cal/EPA Waste Generator ID Number here: _____

If you need to obtain a Cal/EPA Waste Generator ID Number, you may do so by calling: (916) 324-1781.

Section II -

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

☐ ADD ☐ DELETE ☐ REVISE

PAGE (2)

3

OF (3)

10

BUSINESS NAME (4) Corporation Yard - City of Capitola

CHEMICAL LOCATION (5) NE Corner of yard

MAP# (6) 1 GRID # (7) 6-H, 7-H

CHEMICAL NAME (8) Unleaded Gasoline TRADE SECRET (11) ☐ Y ☒ N

COMMON NAME (9) EHS (12) ☐ Y ☒ N

CAS# (10) IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN

FIRE CODE (13) FLA

HAZARD CLASSES

TYPE (14) ☐ PURE ☐ MIXTURE ☐ WASTE RADIOACTIVE (15) ☐ Y ☒ N (16) Curies

PHYSICAL STATE (17) ☐ SOLID ☒ LIQUID ☐ GAS

FED HAZARD CATEGORIES (18) ☒ FIRE ☐ REACTIVE ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH

STATE WASTE CODE (19) UNITS (22) ☒ GAL ☐ CU FT MAX DAILY AMT (23) 2000

DAYS ON SITE (20) 365 If EHS, amounts must be in lbs. AVG DAILY AMT (24) 1500

LARGEST CONTAINER (21) 2,000 ANNUAL WASTE AMT (25)

STORAGE CONTAINER (26) ☒ ABOVE GROUND TANK ☐ CAN ☐ BOX ☐ TANK WAGON

☐ UNDER GROUND TANK ☐ CARBOY ☐ CYLINDER ☐ RAIL CAR

☐ TANK INSIDE BUILDING ☐ SILO ☐ GLASS BOTTLE ☐

☐ STEEL DRUM ☐ FIBER DRUM ☐ PLASTIC BOTTLE

☐ PLASTIC/NONMETALLIC DRUM ☐ BAG ☐ TOTE BIN

STORAGE PRESSURE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENT	(31) EHS	(32) CAS#
1		<input type="checkbox"/> Y <input type="checkbox"/> N	
2		<input type="checkbox"/> Y <input type="checkbox"/> N	
3		<input type="checkbox"/> Y <input type="checkbox"/> N	
4		<input type="checkbox"/> Y <input type="checkbox"/> N	
5		<input type="checkbox"/> Y <input type="checkbox"/> N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

If you have identified the chemical type as a "waste" (#14 above), please enter your Cal/EPA Waste Generator ID Number here: _____

If you need to obtain a Cal/EPA Waste Generator ID Number, you may do so by calling: (916) 324-1781.

Section II -

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

☐ ADD ☐ DELETE ☐ REVISE

PAGE (2)

4

OF (3)

10

BUSINESS NAME

(4)

Corporation Yard - City of Capitola

CHEMICAL LOCATION

(5)

Shop Area

MAP#

(6)

2

GRID # (7)

9-B

CHEMICAL NAME

(8)

Acetylene Gas

TRADE SECRET (11)

☐ Y ☒ N

COMMON NAME

(9)

EHS (12)

☐ Y ☒ N

CAS#

(10)

IF EHS BOX IS "Y"
ALL AMOUNTS MUST BE IN

FIRE CODE

(13)

HAZARD CLASSES

FLA

TYPE

(14)

☐ PURE ☐ MIXTURE ☐ WASTE

RADIOACTIVE (15)

☐ Y ☒ N

(16)

PHYSICAL STATE

(17)

☐ SOLID ☐ LIQUID ☒ GAS

CURIES

FED HAZARD
CATEGORIES

(18)

☒ FIRE ☐ REACTIVE ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTHSTATE WASTE
CODE

(19)

UNITS (22)

☐ GAL ☒ CU FT

MAX DAILY AMT (23)

396

DAYS ON SITE

(20)

365

If EHS, amounts must be in lbs.

AVG DAILY AMT (24)

360

LARGEST
CONTAINER

(21)

132

ANNUAL WASTE AMT (25)

STORAGE
CONTAINER

(26)

<input type="checkbox"/> ABOVE GROUND TANK	<input type="checkbox"/> CAN	<input type="checkbox"/> BOX	<input type="checkbox"/> TANK WAGON
<input type="checkbox"/> UNDER GROUND TANK	<input type="checkbox"/> CARBOY	<input checked="" type="checkbox"/> CYLINDER	<input type="checkbox"/> RAIL CAR
<input type="checkbox"/> TANK INSIDE BUILDING	<input type="checkbox"/> SILO	<input type="checkbox"/> GLASS BOTTLE	<input type="checkbox"/>
<input type="checkbox"/> STEEL DRUM	<input type="checkbox"/> FIBER DRUM	<input type="checkbox"/> PLASTIC BOTTLE	
<input type="checkbox"/> PLASTIC/NONMETALLIC DRUM	<input type="checkbox"/> BAG	<input type="checkbox"/> TOTE BIN	

STORAGE
PRESSURE

(27)

☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENTSTORAGE
TEMPERATURE

(28)

☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT

(30) HAZARDOUS COMPONENT

(31) EHS

(32) CAS#

1

☐ Y ☐ N

2

☐ Y ☐ N

3

☐ Y ☐ N

4

☐ Y ☐ N

5

☐ Y ☐ N

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

If you have identified the chemical type as a "waste" (#14 above), please enter your Cal/EPA Waste Generator ID Number here: _____

If you need to obtain a Cal/EPA Waste Generator ID Number, you may do so by calling: (916) 324-1781.

Section II -

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

☐ ADD ☐ DELETE ☐ REVISE

PAGE (2) 5 OF (3) 10

BUSINESS NAME (4) Corporation Yard - City of Capitola

CHEMICAL LOCATION (5) Shop Area

MAP# (6) 2 GRID# (7) 9-B

CHEMICAL NAME (8) Oxygen Gas TRADE SECRET (11) ☐ Y ☒ X

COMMON NAME (9) Oxygen Gas EHS (12) ☐ Y ☒ X

CAS# (10)

IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN

FIRE CODE HAZARD CLASSES (13) OXY

TYPE (14) ☐ PURE ☐ MIXTURE ☐ WASTE RADIOACTIVE (15) ☐ Y ☒ X N (16)

PHYSICAL STATE (17) ☐ SOLID ☐ LIQUID ☒ GAS CURIES

FED HAZARD CATEGORIES (18) ☒ FIRE ☐ REACTIVE ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH

STATE WASTE CODE (19) UNITS (22) ☐ GAL ☒ CU FT MAX DAILY AMT (23) 240
☐ LBS ☐ TONS 80

DAYS ON SITE (20) 365 If EHS, amounts must be in lbs. AVG DAILY AMT (24) 240
80

LARGEST CONTAINER (21) 120 ANNUAL WASTE AMT (25)

STORAGE CONTAINER (26) ☐ ABOVE GROUND TANK ☐ CAN ☐ BOX ☐ TANK WAGON
☐ UNDER GROUND TANK ☐ CARBOY ☒ CYLINDER ☐ RAIL CAR
☐ TANK INSIDE BUILDING ☐ SILO ☐ GLASS BOTTLE ☐
☐ STEEL DRUM ☐ FIBER DRUM ☐ PLASTIC BOTTLE
☐ PLASTIC/NONMETALLIC DRUM ☐ BAG ☐ TOTE BIN

STORAGE PRESSURE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENT	(31) EHS	(32) CAS#
1		<input type="checkbox"/> Y <input type="checkbox"/> N	
2		<input type="checkbox"/> Y <input type="checkbox"/> N	
3		<input type="checkbox"/> Y <input type="checkbox"/> N	
4		<input type="checkbox"/> Y <input type="checkbox"/> N	
5		<input type="checkbox"/> Y <input type="checkbox"/> N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

If you have identified the chemical type as a "waste" (#14 above), please enter your Cal/EPA Waste Generator ID Number here: _____

If you need to obtain a Cal/EPA Waste Generator ID Number, you may do so by calling: (916) 324-1781.

Section II -

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

☐ ADD ☐ DELETE ☐ REVISE

PAGE (2)

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OF (3)

10

BUSINESS NAME (4) Corporation Yard - City of Capitola

CHEMICAL LOCATION (5) Shop Area

MAP# (6) 2 GRID# (7) 8-G

CHEMICAL NAME (8) Hydraulic Fluid TRADE SECRET (11) ☐ Y ☒ X

COMMON NAME (9) EHS (12) ☐ Y ☒ X

CAS# (10) IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN

FIRE CODE (13)

HAZARD CLASSES

TYPE (14) ☒ PURE ☐ MIXTURE ☐ WASTE RADIOACTIVE (15) ☐ Y ☒ X N (16) CURIES

PHYSICAL STATE (17) ☐ SOLID ☒ LIQUID ☐ GAS

FED HAZARD CATEGORIES (18) ☐ FIRE ☐ REACTIVE ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH

STATE WASTE CODE (19) UNITS (22) ☒ GAL ☐ CU FT MAX DAILY AMT (23) 55

DAYS ON SITE (20) 365 If EHS, amounts must be in lbs. AVG DAILY AMT (24) 35

LARGEST CONTAINER (21) 55 ANNUAL WASTE AMT (25)

STORAGE CONTAINER (26) ☐ ABOVE GROUND TANK ☐ CAN ☐ BOX ☐ TANK WAGON

☐ UNDER GROUND TANK ☐ CARBOY ☐ CYLINDER ☐ RAIL CAR

☐ TANK INSIDE BUILDING ☐ SILO ☐ GLASS BOTTLE

☒ STEEL DRUM ☐ FIBER DRUM ☐ PLASTIC BOTTLE

☐ PLASTIC/NONMETALLIC DRUM ☐ BAG ☐ TOTE BIN

STORAGE PRESSURE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENT	(31) EHS	(32) CAS#
1		<input type="checkbox"/> Y <input type="checkbox"/> N	
2		<input type="checkbox"/> Y <input type="checkbox"/> N	
3		<input type="checkbox"/> Y <input type="checkbox"/> N	
4		<input type="checkbox"/> Y <input type="checkbox"/> N	
5		<input type="checkbox"/> Y <input type="checkbox"/> N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

If you have identified the chemical type as a "waste" (#14 above), please enter your Cal/EPA Waste Generator ID Number here: _____

If you need to obtain a Cal/EPA Waste Generator ID Number, you may do so by calling: (916) 324-1781.

Section II -

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

☐ ADD ☐ DELETE ☐ REVISEPAGE (2) 7 OF (3) 10

BUSINESS NAME (4) Corporation Yard - City of Capitola

CHEMICAL LOCATION (5) Shop

MAP# (6) 2 GRID# (7) 9-C

CHEMICAL NAME (8) Dextron II TRADE SECRET (11) ☐ Y ☒ N

COMMON NAME (9) Transmission Oil EHS (12) ☐ Y ☒ N

CAS# (10) IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN

FIRE CODE (13) CMB

TYPE (14) ☒ PURE ☐ MIXTURE ☐ WASTE RADIOACTIVE (15) ☐ Y ☒ N (16) CURIES

PHYSICAL STATE (17) ☐ SOLID ☒ LIQUID ☐ GAS

FED HAZARD CATEGORIES (18) ☐ FIRE ☐ REACTIVE ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH

STATE WASTE CODE (19) UNITS (22) ☒ GAL ☐ CU FT MAX DAILY AMT (23) 55

DAYS ON SITE (20) 365 If EHS, amounts must be in lbs. AVG DAILY AMT (24) 35

LARGEST CONTAINER (21) 55 ANNUAL WASTE AMT (25)

STORAGE CONTAINER (26) ☐ ABOVE GROUND TANK ☐ CAN ☐ BOX ☐ TANK WAGON

☐ UNDER GROUND TANK ☐ CARBOY ☐ CYLINDER ☐ RAIL CAR

☐ TANK INSIDE BUILDING ☐ SILO ☐ GLASS BOTTLE ☐

☒ STEEL DRUM ☐ FIBER DRUM ☐ PLASTIC BOTTLE

☐ PLASTIC/NONMETALLIC DRUM ☐ BAG ☐ TOTE BIN

STORAGE PRESSURE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENT	(31) EHS	(32) CAS#
1 <u></u>	<u></u>	<input type="checkbox"/> Y <input type="checkbox"/> N	<u></u>
2 <u></u>	<u></u>	<input type="checkbox"/> Y <input type="checkbox"/> N	<u></u>
3 <u></u>	<u></u>	<input type="checkbox"/> Y <input type="checkbox"/> N	<u></u>
4 <u></u>	<u></u>	<input type="checkbox"/> Y <input type="checkbox"/> N	<u></u>
5 <u></u>	<u></u>	<input type="checkbox"/> Y <input type="checkbox"/> N	<u></u>

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

If you have identified the chemical type as a "waste" (#14 above), please enter your Cal/EPA Waste Generator ID Number here:

If you need to obtain a Cal/EPA Waste Generator ID Number, you may do so by calling: (916) 324-1781.

Section II -

California Hazardous Materials Inventory Reporting Form - Chemical Description Page

☐ ADD ☐ DELETE ☐ REVISE

PAGE (2)

8

OF (3)

10

BUSINESS NAME (4) Corporation Yard - City of Capitola

CHEMICAL LOCATION (5) Shop

MAP# (6) 2 GRID# (7) 9-C

CHEMICAL NAME (8) Motor Oil TRADE SECRET (11) ☐ Y ☒ N

COMMON NAME (9) Motor Oil W-40 EHS (12) ☐ Y ☒ N

CAS# (10)

FIRE CODE (13) CMB

HAZARD CLASSES

IF EHS BOX IS "Y", ALL AMOUNTS MUST BE IN

TYPE (14) ☒ PURE ☐ MIXTURE ☐ WASTE RADIOACTIVE (15) ☐ Y ☒ N (16)

PHYSICAL STATE (17) ☐ SOLID ☒ LIQUID ☐ GAS CURIES

FED HAZARD CATEGORIES (18) ☐ FIRE ☐ REACTIVE ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH

STATE WASTE CODE (19) UNITS (22) ☒ GAL ☐ CU FT MAX DAILY AMT (23) 55

DAYS ON SITE (20) 365 ☐ LBS ☐ TONS If EHS, amounts must be in lbs. AVG DAILY AMT (24) 35

LARGEST CONTAINER (21) 55 ANNUAL WASTE AMT (25)

STORAGE CONTAINER (26) ☐ ABOVE GROUND TANK ☐ CAN ☐ BOX ☐ TANK WAGON

☐ UNDER GROUND TANK ☐ CARBOY ☐ CYLINDER ☐ RAIL CAR

☐ TANK INSIDE BUILDING ☐ SILO ☐ GLASS BOTTLE

☒ STEEL DRUM ☐ FIBER DRUM ☐ PLASTIC BOTTLE

☐ PLASTIC/NONMETALLIC DRUM ☐ BAG ☐ TOTE BIN

STORAGE PRESSURE (27) ☐ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☐ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENT	(31) EHS	(32) CAS#
1		<input type="checkbox"/> Y <input type="checkbox"/> N	
2		<input type="checkbox"/> Y <input type="checkbox"/> N	
3		<input type="checkbox"/> Y <input type="checkbox"/> N	
4		<input type="checkbox"/> Y <input type="checkbox"/> N	
5		<input type="checkbox"/> Y <input type="checkbox"/> N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

If you have identified the chemical type as a "waste" (#14 above), please enter your Cal/EPA Waste Generator ID Number here: _____

If you need to obtain a Cal/EPA Waste Generator ID Number, you may do so by calling: (916) 324-1781.

UNIFIED PROGRAM CONSOLIDATED FORM

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD☐ DELETE☐ REVISE

200

Page ____ of ____

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

3

Corporation Yard / City of Capitola

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL

202

Paint Shed

430 Kennedy Dr

EPCRA

☐ YES☒ NO

FACILITY ID #

MAP# (optional)

203

GRID# (optional)

204

2268

2

F9

II. CHEMICAL INFORMATION

CHEMICAL NAME

205

TRADE SECRET

☐ Yes ☒ No

206

If Subject to EPCRA, refer to instructions

COMMON NAME

207

Mortine

EHS*

☐ Yes ☒ No

208

CAS#

209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA)

210

FL

HAZARDOUS MATERIAL
TYPE (Check one item only)☐ a. PURE☒ b. MIXTURE☐ c. WASTE

211

RADIOACTIVE

☐ Yes ☒ No

CURIES

213

PHYSICAL STATE
(Check one item only)☐ a. SOLID☒ b. LIQUID☐ c. GAS

214

LARGEST CONTAINER

5

215

FED HAZARD CATEGORIES
(Check all that apply)☒ a. FIRE☐ b. REACTIVE☐ c. PRESSURE RELEASE☐ d. ACUTE HEALTH☐ e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

217

75

MAXIMUM DAILY AMOUNT

218

100

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE

220

UNITS*

(Check one item only)

☒ a. GALLONS☐ b. CUBIC FEET☐ c. POUNDS☐ d. TONS

221

DAYS ON SITE:

222

* If EHS, amount must be in pounds.

STORAGE

CONTAINER

☐ a. ABOVE GROUND TANK☐ b. UNDERGROUND TANK☐ c. TANK INSIDE BUILDING☐ d. STEEL DRUM☐ e. PLASTIC/NONMETALLIC DRUM☒ f. CAN☐ g. CARBOY☐ h. SILO☐ i. FIBER DRUM☐ j. BAG☐ k. BOX☐ l. CYLINDER☐ m. GLASS BOTTLE☐ n. PLASTIC BOTTLE☐ o. TOTE BIN☐ p. TANK WAGON☐ q. RAIL CAR☐ r. OTHER

223

STORAGE PRESSURE

☒ a. AMBIENT☐ b. ABOVE AMBIENT☐ c. BELOW AMBIENT

224

STORAGE TEMPERATURE

☒ a. AMBIENT☐ b. ABOVE AMBIENT☐ c. BELOW AMBIENT☐ d. CRYOGENIC

225

% WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

1

226

227

☐ Yes ☐ No

228

229

2

230

231

☐ Yes ☐ No

232

233

3

234

235

☐ Yes ☐ No

236

237

4

238

239

☐ Yes ☐ No

240

241

5

242

243

☐ Yes ☐ 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

UNIFORM PROGRAM CONSOLIDATED FORM

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD☐ DELETE☐ REVISE

200

Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

3

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL

202

EPCRA

☐ YES ☒ NO

FACILITY ID #

MAP# (optional)

203

GRID# (optional)

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

205

TRADE SECRET

☐ Yes ☒ No

206

If Subject to EPCRA, refer to instructions

COMMON NAME

207

EHS*

☐ Yes ☒ No

208

CAS#

209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (If complete if required by CUPA)

210

HAZARDOUS MATERIAL
TYPE (Check one item only)☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE

211

RADIOACTIVE ☐ Yes ☒ No

212

CURIES

213

PHYSICAL STATE
(Check one item only)☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

214

LARGEST CONTAINER

55

215

FED HAZARD CATEGORIES
(Check all that apply)☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

MAXIMUM DAILY AMOUNT

218

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE

220

25

55

UNITS*

(Check one item only)

☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS

221

DAYS ON SITE:

365

222

STORAGE
CONTAINER☐ a. ABOVE GROUND TANK ☐ c. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☒ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

223

STORAGE PRESSURE

☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

224

STORAGE TEMPERATURE

☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

1

226

227

☐ Yes ☐ No

228

229

2

230

231

☐ Yes ☐ No

232

233

3

234

235

☐ Yes ☐ No

236

237

4

238

239

☐ Yes ☐ No

240

241

5

242

243

☐ Yes ☐ 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

(For chemicals below State Thresholds of 55 gals., 200 cu. ft., or 500 lbs.)

Business Name City of Capitola Corporation Site Address 430 Kennedy Dr Page 10
Yard

[illegible]

• Please refer to the instructions for assistance in determining the Hazard Class

Trade Secrets: If any of the information required to be disclosed as part of the HMMP is considered a trade secret as defined by Section 6254.7 of the Government Code and Section 1060 of the Evidence Code, the information must be provided nonetheless, but the user shall notify the Department in writing of the information which the user believes is a trade secret.

Section IV - Emergency Response/Contingency Plan

All facilities which handle hazardous materials in specified quantities must have a written emergency response plan (Health & Safety Code, Section 25504 (b); Title 22, Div. 4.5, Ch. 12, Art. 3 California /Code of Regulations). If you already have a plan which meets these requirements, you are not required to complete the blank plan, below, but you must include a copy of your existing plan as part of your HMMP.

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials which could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.**

1. Evacuation Plan

- a. The following alarm signal(s) will be used to begin evacuation of the facility (check all which apply):

☐ Bells; ☐ Horns/Sirens; ☒ Verbal (i.e. shouting); ☐ Other (specify) _____

- b. ☒ Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMMP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing which shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. Emergency Contacts*:

Fire/Police/Ambulance Phone No. 911

State Office of Emergency Services Phone No. (800) 852-7550

b. Post-Incident Contacts*:

Fire Department Phone No.: (____) _____

California EPA Department of Toxic Substances Control Phone No. (510) 540-3739

Cal-OSHA Division of Occupational Safety and Health Phone No. (415) 557-1677

Monterey Bay Unified Air Pollution Control District Phone No. (408) 647-9411

Regional Water Quality Control Board Phone No. (805) 549-3147

*These telephone numbers are provided as a general aid to emergency notification. Be advised that additional agencies may be required to be notified.

c. Emergency Resources

Poison Control Center Phone No. (800) 876-4766

Nearest Hospital:

Name: Dominican Hospital Phone No.: (831) 462-7700

Address: 1555 Soquel Dr City Santa Cruz

3. Arrangements with Emergency Responders:

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State of local emergency response team to coordinate emergency services, describe those arrangements on the lines below:

Section IV (cont.) - Employee Training Plan

All facilities which handle hazardous materials must have a written employee training plan (Health & Safety Code, Section 25504 (c); Title 22, California Code of Regulations, Section 66265.16). This plan is a required module of the Hazardous Materials Management Plan (HMMP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. If you already have a training plan, you are not required to complete the blank plan below, but you must include a copy of your existing plan as part of your HMMP.

Check all boxes which apply. [Note: Items marked with an asterisk (*) are required.]:

1. Personnel are trained in the following procedures:

<input checked="" type="checkbox"/> Internal alarm/notification*
<input checked="" type="checkbox"/> Evacuation/re-entry procedures & assembly point locations*
<input type="checkbox"/> Emergency incident reporting
<input type="checkbox"/> External emergency response organization notification
<input type="checkbox"/> Location(s) and contents of Emergency Response/Contingency Plan
<input type="checkbox"/> Facility evacuation drills, which are conducted at least (specify) _____ (e.g. "Quarterly", etc.)

2. Chemical Handlers are additionally trained in the following:

<input checked="" type="checkbox"/> Safe methods for handling and storage of hazardous materials*
<input type="checkbox"/> Location(s) and proper use of fire and spill control equipment
<input type="checkbox"/> Spill procedures/emergency procedures
<input checked="" type="checkbox"/> Proper use of personal protective equipment*
<input checked="" type="checkbox"/> Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure (i.e. inhalation, ingestion, absorption)*
<input type="checkbox"/> Hazardous Waste Handlers/Manager are trained in all aspects of hazardous waste management specific to their job duties (e.g. container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)*

3. Emergency Response Team Members are capable of and engaged in the following:

<input type="checkbox"/> Personnel rescue procedures
<input type="checkbox"/> Shutdown of operations
<input type="checkbox"/> Liaison with responding agencies
<input type="checkbox"/> Use, maintenance, and replacement of emergency response equipment
<input type="checkbox"/> Refresher training, which is provided at least annually*
<input type="checkbox"/> Emergency response drills, which are conducted at least (specify) _____ (e.g. "Quarterly", etc.)

Section IV (cont.) - Emergency Equipment:

Title 22 of the California Code of Regulations, Section 66265.52(e) [as referenced by Section 66262.34(a)(3)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

Equipment Category	Equipment Type	Location*	Description**
Personal Protective, Equipment, Safety Equipment, and First Aid	<input checked="" type="checkbox"/> Cartridge Respirators	8-C	
	<input type="checkbox"/> Chemical Monitoring Equipment (describe)		
	<input type="checkbox"/> Chemical Protective Aprons/Coats		
	<input checked="" type="checkbox"/> Chemical Protective Boots	6-B	
	<input checked="" type="checkbox"/> Chemical Protective Gloves	6-B	
	<input type="checkbox"/> Chemical Protective Suits (describe)		
	<input checked="" type="checkbox"/> Face Shields		
	<input checked="" type="checkbox"/> First Aid Kits/Stations (describe)		
	<input checked="" type="checkbox"/> Hard Hats		
	<input checked="" type="checkbox"/> Plumbed Eye Wash Stations	8-C	
	<input checked="" type="checkbox"/> Portable Eye Wash Kits (i.e. bottle type)	7-B	
	<input checked="" type="checkbox"/> Respirator Cartridges (describe)		
	<input checked="" type="checkbox"/> Safety Glasses/Splash Goggles	7-B	
	<input checked="" type="checkbox"/> Safety Showers	8-C	
	<input type="checkbox"/> Self-Contained Breathing Apparatuses (SCBA)		
	<input type="checkbox"/> Other (describe)		
Fire Extinguishing Systems	<input type="checkbox"/> Automatic Fire Sprinkler Systems		
	<input type="checkbox"/> Fire Alarm Boxes/Stations		
	<input checked="" type="checkbox"/> Fire Extinguisher Systems (describe)	Shop Area	
	<input type="checkbox"/> Other		
Spill Control Equipment and Decontamination Equipment	<input checked="" type="checkbox"/> Absorbents (describe)	6-F	
	<input type="checkbox"/> Berms/Dikes (describe)		
	<input type="checkbox"/> Decontamination Equipment (describe)		
	<input type="checkbox"/> Emergency Tanks (describe)		
	<input type="checkbox"/> Exhaust Hoods		
	<input type="checkbox"/> Gas Cylinder Leak Repair Kits (describe)		
	<input type="checkbox"/> Neutralizers (describe)		
	<input checked="" type="checkbox"/> Overpack Drums	6-F	
	<input type="checkbox"/> Sumps (describe)		
	<input type="checkbox"/> Other (describe)		
Communications and Alarm Systems	<input type="checkbox"/> Chemical Alarms (describe)		
	<input checked="" type="checkbox"/> Intercoms/PA Systems	Ofc/Shop	
	<input checked="" type="checkbox"/> Portable Radios	6-B	
	<input checked="" type="checkbox"/> Telephones	Ofc/Shop	
	<input type="checkbox"/> Underground Tank Leak Detection Monitors		
	<input type="checkbox"/> Other		
Additional Equipment			

*Use the location code(s) from the Site and Sub-Site Map(s) prepared earlier in this HMMP.

**Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, number appropriately, if needed.

Section V - Recordkeeping

All facilities which handle hazardous materials must maintain records associated with their management. A summary of your recordkeeping procedures is a required module of the Hazardous Materials Management Plan (HMMP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. If you already have a brief written description of your hazardous materials recordkeeping systems which addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMMP.

The following records are maintained at the facility (Check all boxes which apply):

<input checked="" type="checkbox"/>	Current employees training records (to be retained until closure of the facility)
<input checked="" type="checkbox"/>	Former employees training records (to be retained at least three years after termination of employment)
<input checked="" type="checkbox"/>	Training Program(s) (i.e. written description of introductory and continuing training)
<input checked="" type="checkbox"/>	Current copy of this Emergency Response/Contingency Plan
<input checked="" type="checkbox"/>	Record of recordable/reportable hazardous material/waste releases
<input checked="" type="checkbox"/>	Record of weekly hazardous material/waste storage area inspections
<input checked="" type="checkbox"/>	Record of hazardous waste tank daily inspections

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

APPENDIX E

Appendix _____ - Aboveground Separation, Containment, and Monitoring Plan (Appendix to Hazardous Materials Management Plan)

Complete one column for each aboveground storage area shown on the Hazardous Materials Management Plan Site and Sub-Site Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Map Grid #s	6-H	7, 8, 9, - B, C	7-E	11-B
Storage Type	<input type="checkbox"/> Inside building <input type="checkbox"/> Outside storage shed <input checked="" type="checkbox"/> Outdoors	<input checked="" type="checkbox"/> Inside building <input type="checkbox"/> Outside storage shed <input type="checkbox"/> Outdoors	<input type="checkbox"/> Inside building <input checked="" type="checkbox"/> Outside storage shed <input type="checkbox"/> Outdoors	<input type="checkbox"/> Inside building <input checked="" type="checkbox"/> Outside storage shed <input type="checkbox"/> Outdoors
Primary Containment	<input type="checkbox"/> Original containers <input type="checkbox"/> Safety cans <input type="checkbox"/> Inside machinery <input type="checkbox"/> Drums/barrels <input type="checkbox"/> Pressure vessels <input type="checkbox"/> Bulk tanks <input type="checkbox"/> Aboveground piping <input checked="" type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Original containers <input type="checkbox"/> Safety cans <input type="checkbox"/> Inside machinery <input type="checkbox"/> Drums/barrels <input type="checkbox"/> Pressure vessels <input type="checkbox"/> Bulk tanks <input type="checkbox"/> Aboveground piping <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Original containers <input type="checkbox"/> Safety cans <input type="checkbox"/> Inside machinery <input type="checkbox"/> Drums/barrels <input type="checkbox"/> Pressure vessels <input type="checkbox"/> Bulk tanks <input type="checkbox"/> Aboveground piping <input type="checkbox"/> Other _____	<input type="checkbox"/> Original containers <input type="checkbox"/> Safety cans <input type="checkbox"/> Inside machinery <input checked="" type="checkbox"/> Drums/barrels <input type="checkbox"/> Pressure vessels <input type="checkbox"/> Bulk tanks <input type="checkbox"/> Aboveground piping <input type="checkbox"/> Other _____
Secondary Containment	<input type="checkbox"/> Approved cabinets <input type="checkbox"/> Secondary drum <input type="checkbox"/> Tray <input type="checkbox"/> Bermed & coated floor <input type="checkbox"/> Tank vault <input type="checkbox"/> Secondary piping or piping trench <input checked="" type="checkbox"/> Other _____	<input type="checkbox"/> Approved cabinets <input type="checkbox"/> Secondary drum <input type="checkbox"/> Tray <input type="checkbox"/> Bermed & coated floor <input type="checkbox"/> Tank vault <input type="checkbox"/> Secondary piping or piping trench <input type="checkbox"/> Other _____	<input type="checkbox"/> Approved cabinets <input type="checkbox"/> Secondary drum <input checked="" type="checkbox"/> Tray <input type="checkbox"/> Bermed & coated floor <input type="checkbox"/> Tank vault <input type="checkbox"/> Secondary piping or piping trench <input type="checkbox"/> Other _____	<input type="checkbox"/> Approved cabinets <input type="checkbox"/> Secondary drum <input type="checkbox"/> Tray <input checked="" type="checkbox"/> Bermed & coated floor <input type="checkbox"/> Tank vault <input type="checkbox"/> Secondary piping or piping trench <input type="checkbox"/> Other _____
Separation	<input checked="" type="checkbox"/> All materials compatible <input type="checkbox"/> One-hour separation wall/partition <input type="checkbox"/> Separation by at least 20 feet <input type="checkbox"/> Approved cabinets <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> All materials compatible <input type="checkbox"/> One-hour separation wall/partition <input type="checkbox"/> Separation by at least 20 feet <input type="checkbox"/> Approved cabinets <input type="checkbox"/> Other _____	<input type="checkbox"/> All materials compatible <input type="checkbox"/> One-hour separation wall/partition <input type="checkbox"/> Separation by at least 20 feet <input type="checkbox"/> Approved cabinets <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> All materials compatible <input type="checkbox"/> One-hour separation wall/partition <input type="checkbox"/> Separation by at least 20 feet <input type="checkbox"/> Approved cabinets <input type="checkbox"/> Other _____
Monitoring Type	<input checked="" type="checkbox"/> Visual <input type="checkbox"/> Continuous (automatic sensors) <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Visual <input type="checkbox"/> Continuous (automatic sensors) <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Visual <input type="checkbox"/> Continuous (automatic sensors) <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Visual <input type="checkbox"/> Continuous (automatic sensors) <input type="checkbox"/> Other _____
Monitoring Frequency	<input type="checkbox"/> Daily <input checked="" type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Other _____	<input type="checkbox"/> Daily <input checked="" type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Other _____	<input type="checkbox"/> Daily <input checked="" type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Other _____	<input type="checkbox"/> Daily <input checked="" type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Other _____

Describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring:

WEEKLY ABOVE GROUND STORAGE FACILITY VISUAL INSPECTION & CORRECTIONS LOG

DESIGNATED SAFETY MANAGER

EHS-98ST (REV. 5/97)

COUNTY OF SANTA CRUZ • ENVIRONMENTAL HEALTH SERVICE
 ● 701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060 ● (831) 454-2022

OFFICIAL INSPECTION REPORT

DBA/NAME <i>City of Capitola</i>		DATE <i>7/17/02</i>
ADDRESS <i>430 Kennedy Dr.</i>		RECHECK DATE
OWNER/OPERATOR		PERMIT # <i>FA2268</i>
TIME-IN	TIME-OUT	The marked items are violations of the Health and Safety Code and local hazardous materials codes and must be corrected as follows:
<input type="checkbox"/> 1. Permit to Operate		
<input type="checkbox"/> 2. HMMP Complete		
<input checked="" type="checkbox"/> 3. Change in Conditions		<i>3. Paint and 5 gal gas and diesel cans have been relocated. Map has been adjusted. Add 100 gal of Morline (road paint to H&S).</i>
<input type="checkbox"/> 4. Disclosure		
<input type="checkbox"/> 5. Response Plan		
<input type="checkbox"/> 6. ER Procedures Posted		
<input type="checkbox"/> 7. Response Equipment		
<input checked="" type="checkbox"/> 8. Training		<i>8. Ensure that employees are receiving annual hazardous materials training.</i>
<input type="checkbox"/> 9. Permits		
<input type="checkbox"/> 10. Violations Corrected		
<input type="checkbox"/> 11. Records		<i>11. Provide secondary containment for gas and diesel cans, 1 x 55 gal drum of oil in the mechanics shop and 1 x 55 drum (red) outside.</i>
<input type="checkbox"/> 12. Handling		
<input type="checkbox"/> 13. Monitoring Plan		
<input type="checkbox"/> 14. Operational		
<input type="checkbox"/> 15. Records		
<input type="checkbox"/> 16. Storage Use Locations		
<input type="checkbox"/> 17. Labeling/I.D.		
<input type="checkbox"/> 18. Container Condition		
<input checked="" type="checkbox"/> 19. Secondary Containment		
<input type="checkbox"/> 20. Incompatibles		
<input type="checkbox"/> 21. Security		
<input type="checkbox"/> 22. Housekeeping		
<input type="checkbox"/> 23. Process Audits		
<input type="checkbox"/> 24. Unauthorized Releases		
<input type="checkbox"/> 25. Safety Hazards		
A VIOLATION REINSPECTION FEE WILL BE CHARGED IF VIOLATIONS ARE NOT CORRECTED PRIOR TO THE RECHECK DATE		
INSPECTOR <i>Rebecca Supply</i>		RECEIVED BY: <i>[Signature]</i>
PHONE <i>454-2238</i>		TITLE

OFFICIAL INSPECTION REPORT

DBA/NAME <u>City of Capitola - Fleet</u>		DATE <u>7/17/02</u>
ADDRESS <u>430 Kennedy</u>		RECHECK DATE <u>8/17/02</u>
OWNER/OPERATOR		PERMIT #

HAZARDOUS WASTE MANAGEMENT	GENERAL	<input type="checkbox"/> 42. Waste Determination <input type="checkbox"/> 43. EPA# <input type="checkbox"/> 44. Treatment/Disposal <input checked="" type="checkbox"/> 45. Storage Over 90 Days <input checked="" type="checkbox"/> 46. Labeled <input type="checkbox"/> 47. Container Condition <input type="checkbox"/> 48. Secondary Containment <input type="checkbox"/> 49. Incompatibles <input type="checkbox"/> 50. Co-Mingling <input type="checkbox"/> 51. Container Handling <input type="checkbox"/> 52. Security <input type="checkbox"/> 53. Warning Signs	The marked items are violations of the Health & Safety Code and must be corrected as follows: <u>45. Have waste oil picked up every 6 months.</u> <u>46. Properly label waste oil and waste antifreeze.</u> <u>For a copy of the waste manifest prior to recheck date.</u> <u>For 454-3128</u>
	DISPOSAL	<input type="checkbox"/> 54. Property Line <input type="checkbox"/> 55. Manifests <input type="checkbox"/> 56. Extremely Haz Waste <input type="checkbox"/> 57. Packaging <input type="checkbox"/> 58. Disposal/Approved Facility <input type="checkbox"/> 59. Licensed Hauler	
	RECORDS	<input type="checkbox"/> 60. Manifests Available <input type="checkbox"/> 61. Annual Reports <input type="checkbox"/> 62. Maintenance <input type="checkbox"/> 63. Emergency Response <input type="checkbox"/> 64. Preparedness/Prevention	A reinspection fee will be charged when violations noted are not corrected prior to the recheck date noted above

INSPECTOR: <u>Rebecca Apple</u>	RECEIVED BY: <u>[Signature]</u>
PHONE # <u>454-2738</u>	TITLE:

HSA-559-3 (2/92)

COUNTY OF SANTA CRUZ ● ENVIRONMENTAL HEALTH SERVICE
 ● 701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060 ● (831) 454-2022

OFFICIAL INSPECTION REPORT

DBA/NAME		City of Capitola - Corporation	DATE	12/9/03
ADDRESS		430 Kennedy Dr.	RECHECK DATE	3/1/04
OWNER/OPERATOR			PERMIT #	PA 2268
TIME-IN	TIME-OUT	The marked items are violations of the Health and Safety Code and local hazardous materials codes and must be corrected as follows:		
<input type="checkbox"/>	1. Permit to Operate			
<input type="checkbox"/>	2. HMMP Complete	8.	Provide annual hazardous	
<input type="checkbox"/>	3. Change in Conditions		materials training for employees.	
<input type="checkbox"/>	4. Disclosure			
<input type="checkbox"/>	5. Response Plan	15.	Keep up to date on inspection	
<input type="checkbox"/>	6. ER Procedures Posted		logs	
<input type="checkbox"/>	7. Response Equipment			
<input checked="" type="checkbox"/>	8. Training			
<input type="checkbox"/>	9. Permits		Other violations have been	
<input type="checkbox"/>	10. Violations Corrected		corrected. Good work	
<input type="checkbox"/>	11. Records			
<input type="checkbox"/>	12. Handling			
<input type="checkbox"/>	13. Monitoring Plan			
<input type="checkbox"/>	14. Operational			
<input type="checkbox"/>	15. Records			
<input type="checkbox"/>	16. Storage Use Locations			
<input type="checkbox"/>	17. Labeling/I.D.			
<input type="checkbox"/>	18. Container Condition			
<input type="checkbox"/>	19. Secondary Containment			
<input type="checkbox"/>	20. Incompatibles			
<input type="checkbox"/>	21. Security			
<input type="checkbox"/>	22. Housekeeping			
<input type="checkbox"/>	23. Process Audits			
<input type="checkbox"/>	24. Unauthorized Releases			
<input type="checkbox"/>	25. Safety Hazards			
A VIOLATION REINSPECTION FEE WILL BE CHARGED IF VIOLATIONS ARE NOT CORRECTED PRIOR TO THE RECHECK DATE				
INSPECTOR		RECEIVED BY: [Signature]		
PHONE		TITLE		
454-2738		SERRA [Signature]		

COUNTY OF SANTA CRUZ ● ENVIRONMENTAL HEALTH SERVICE
 ● 701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060 ● (831) 454-2022

OFFICIAL INSPECTION REPORT

Handwritten signature

DBA/NAME <i>City of Capitols - Corporation Yard</i>		DATE <i>9/25/03</i>
ADDRESS <i>430 Kennedy Dr.</i>		RECHECK DATE <i>11/25/03</i>
OWNER/OPERATOR		PERMIT # <i>FA2268</i>
TIME-IN	TIME-OUT	The marked items are violations of the Health and Safety Code and local hazardous materials codes and must be corrected as follows:
<input type="checkbox"/> 1. Permit to Operate		
<input type="checkbox"/> 2. HMMP Complete		
<input type="checkbox"/> 3. Change in Conditions		
<input type="checkbox"/> 4. Disclosure		
<input type="checkbox"/> 5. Response Plan		
<input type="checkbox"/> 6. ER Procedures Posted		
<input type="checkbox"/> 7. Response Equipment		
<input checked="" type="checkbox"/> 8. Training		<i>8. Provide annual hazardous materials training for employees.</i>
<input type="checkbox"/> 9. Permits		
<input type="checkbox"/> 10. Violations Corrected		
<input type="checkbox"/> 11. Records		
<input type="checkbox"/> 12. Handling		
<input type="checkbox"/> 13. Monitoring Plan		
<input type="checkbox"/> 14. Operational		
<input checked="" type="checkbox"/> 15. Records		
<input type="checkbox"/> 16. Storage Use Locations		
<input checked="" type="checkbox"/> 17. Labeling/I.D.		<i>15. Keep up to date on inspection logs.</i>
<input type="checkbox"/> 18. Container Condition		
<input type="checkbox"/> 19. Secondary Containment		
<input type="checkbox"/> 20. Incompatibles		
<input type="checkbox"/> 21. Security		
<input type="checkbox"/> 22. Housekeeping		
<input type="checkbox"/> 23. Process Audits		
<input type="checkbox"/> 24. Unauthorized Releases		
<input type="checkbox"/> 25. Safety Hazards		
A VIOLATION REINSPECTION FEE WILL BE CHARGED IF VIOLATIONS ARE NOT CORRECTED PRIOR TO THE RECHECK DATE		
INSPECTOR <i>William Supply</i>		RECEIVED BY <i>[Signature]</i>
PHONE <i>454-2738</i>		TITLE <i>SUPERVISOR</i>

OFFICIAL INSPECTION REPORT

Waste

DBA/NAME <u>City of Capitola - Corporation Yard</u>		DATE <u>9/25/03</u>
ADDRESS <u>430 Kennedy Dr.</u>		RECHECK DATE
OWNER/OPERATOR		PERMIT #

HAZARDOUS WASTE MANAGEMENT	GENERAL	<input type="checkbox"/> 42. Waste Determination <input type="checkbox"/> 43. EPA# <input type="checkbox"/> 44. Treatment/Disposal <input checked="" type="checkbox"/> 45. Storage Over 90 Days <input checked="" type="checkbox"/> 46. Labeled <input checked="" type="checkbox"/> 47. Container Condition <input checked="" type="checkbox"/> 48. Secondary Containment <input type="checkbox"/> 49. Incompatibles <input type="checkbox"/> 50. Co-Mingling <input type="checkbox"/> 51. Container Handling <input type="checkbox"/> 52. Security <input type="checkbox"/> 53. Warning Signs	The marked items are violations of the Health & Safety Code and must be corrected as follows: <u>46. Redo labels on waste drums.</u> <u>47. 48. There are a number of cans of paint, oil, and other house hold hazardous materials being stored outside near above a riparian corridor. Some cans are rusty and deteriorating. Provide secondary containment for these materials and dispose of the materials on a more timely basis.</u>
		<input type="checkbox"/> 54. Property Line <input type="checkbox"/> 55. Manifests <input type="checkbox"/> 56. Extremely Haz Waste <input type="checkbox"/> 57. Packaging <input type="checkbox"/> 58. Disposal/Approved Facility <input type="checkbox"/> 59. Licensed Hauler	
		<input type="checkbox"/> 60. Manifests Available <input type="checkbox"/> 61. Annual Reports <input type="checkbox"/> 62. Maintenance <input type="checkbox"/> 63. Emergency Response <input type="checkbox"/> 64. Preparedness/Prevention	A reinspection fee will be charged when violations noted are not corrected prior to the recheck date noted above.

INSPECTOR: <u>Rubio Supply</u>	RECEIVED BY: <u>SCA</u>
PHONE # <u>454-2738</u>	TITLE: <u>20208R</u>

HSA-559-3 (12/92)

COUNTY OF SANTA CRUZ • ENVIRONMENTAL HEALTH SERVICE
 • 701 OCEAN ST., ROOM 312 • Santa Cruz, CA 95060 • (408) 454-2022

OFFICIAL INSPECTION REPORT

DBA/NAME <u>City of Capitola</u>		DATE <u>3/23/04</u>
ADDRESS <u>430 Kennedy</u>		RECHECK DATE
OWNER/OPERATOR		PERMIT # <u>FA 2268</u>

TIME-IN	TIME-OUT	
		The marked items are violations of the Health and Safety Code and local hazardous materials codes and must be corrected as follows:
GENERAL INFORMATION	<input type="checkbox"/> 1. Permit to Operate	
	<input type="checkbox"/> 2. HMMP Complete	
	<input type="checkbox"/> 3. Change in Conditions	<u>Violations corrected</u>
	<input type="checkbox"/> 4. Disclosure	
	<input type="checkbox"/> 5. Response Plan	<u>Great work!</u>
	<input type="checkbox"/> 6. ER Procedures Posted	
	<input type="checkbox"/> 7. Response Equipment	
	<input type="checkbox"/> 8. Training	
	<input type="checkbox"/> 9. Permits	
	<input type="checkbox"/> 10. Violations Corrected	
	<input type="checkbox"/> 11. Records	
ABOVEGROUND STORAGE USE	<input type="checkbox"/> 12. Handling	
	<input type="checkbox"/> 13. Monitoring Plan	
	<input type="checkbox"/> 14. Operational	
	<input type="checkbox"/> 15. Records	
	<input type="checkbox"/> 16. Storage Use Locations	
	<input type="checkbox"/> 17. Labeling/I.D.	
	<input type="checkbox"/> 18. Container Condition	
	<input type="checkbox"/> 19. Secondary Container	
	<input type="checkbox"/> 20. Incompatibles	
	<input type="checkbox"/> 21. Security	
	<input type="checkbox"/> 22. Housekeeping	
	<input type="checkbox"/> 23. Process Audits	
	<input type="checkbox"/> 24. Unauthorized Releases	
	<input type="checkbox"/> 25. Safety Hazards	

A violation reinspection fee will be charged when violations noted are not corrected prior to the recheck date noted above.

INSPECTOR: <u>Rebecca Apple</u>	RECEIVED BY: <u>RECEIVED</u>
PHONE # <u>454-2738</u>	TITLE: <u>W. S. REE</u>

OFFICIAL INSPECTION REPORT

[Signature]

DBA/NAME <i>Corporation Yard / City of Capitola</i>		DATE <i>10/20/05</i>
ADDRESS <i>430 Kennedy Dr.</i>		RECHECK DATE
OWNER/OPERATOR		PERMIT # <i>FA2258</i>
TIME-IN	TIME-OUT	The marked items are violations of the Health and Safety Code and local hazardous materials codes and must be corrected as follows:
<input type="checkbox"/> 1. Permit to Operate		
<input type="checkbox"/> 2. HMMP Complete		<i>8. Keep up to date on the annual hazardous materials training.</i>
<input type="checkbox"/> 3. Change in Conditions		<i>Include vehicle maintenance staff in training.</i>
<input type="checkbox"/> 4. Disclosure		
<input type="checkbox"/> 5. Response Plan		
<input type="checkbox"/> 6. ER Procedures Posted		
<input type="checkbox"/> 7. Response Equipment		
<input checked="" type="checkbox"/> 8. Training		
<input type="checkbox"/> 9. Permits		<i>Inspector can conduct the training. Contact to schedule.</i>
<input type="checkbox"/> 10. Violations Corrected		
<input type="checkbox"/> 11. Records		
<input type="checkbox"/> 12. Handling		
<input type="checkbox"/> 13. Monitoring Plan		
<input type="checkbox"/> 14. Operational		
<input type="checkbox"/> 15. Records		
<input type="checkbox"/> 16. Storage Use Locations		
<input type="checkbox"/> 17. Labeling/I.D.		
<input type="checkbox"/> 18. Container Condition		
<input type="checkbox"/> 19. Secondary Containment		
<input type="checkbox"/> 20. Incompatibles		
<input type="checkbox"/> 21. Security		
<input type="checkbox"/> 22. Housekeeping		
<input type="checkbox"/> 23. Process Audits		
<input type="checkbox"/> 24. Unauthorized Releases		
<input type="checkbox"/> 25. Safety Hazards		
A VIOLATION REINSPECTION FEE WILL BE CHARGED IF VIOLATIONS ARE NOT CORRECTED PRIOR TO THE RECHECK DATE		
INSPECTOR <i>Michael Apple</i>		RECEIVED BY <i>[Signature]</i>
PHONE <i>454-2738</i>		TITLE <i>SUPERVISOR</i>

OFFICIAL INSPECTION REPORT

Waste 9

DBA/NAME <u>Corporation Yard / City of Capitola</u>	DATE <u>10/20/08</u>
ADDRESS <u>430 Kennedy Dr.</u>	RECHECK DATE
OWNER/OPERATOR	PERMIT #

The marked items are violations of the Health & Safety Code and must be corrected as follows:

46. Include accumulation date on waste oil and waste antifreeze.

A reinspection fee will be charged when violations noted are not corrected prior to the recheck date noted above

HAZARDOUS WASTE MANAGEMENT	GENERAL	<input type="checkbox"/> 42. Waste Determination <input type="checkbox"/> 43. EPA# <input type="checkbox"/> 44. Treatment/Disposal <input type="checkbox"/> 45. Storage Over 90 Days <input checked="" type="checkbox"/> 46. Labeled <input type="checkbox"/> 47. Container Condition <input type="checkbox"/> 48. Secondary Containment <input type="checkbox"/> 49. Incompatibles <input type="checkbox"/> 50. Co-Mingling <input type="checkbox"/> 51. Container Handling <input type="checkbox"/> 52. Security <input type="checkbox"/> 53. Warning Signs
	DISPOSAL	<input type="checkbox"/> 54. Property Line <input type="checkbox"/> 55. Manifests <input type="checkbox"/> 56. Extremely Haz Waste <input type="checkbox"/> 57. Packaging <input type="checkbox"/> 58. Disposal/Approved Facility <input type="checkbox"/> 59. Licensed Hauler
	RECORDS	<input type="checkbox"/> 60. Manifests Available <input type="checkbox"/> 61. Annual Reports <input type="checkbox"/> 62. Maintenance <input type="checkbox"/> 63. Emergency Response <input type="checkbox"/> 64. Preparedness/Prevention

INSPECTOR: Mike Can Supply

RECEIVED BY: DLONCA

PHONE # 454-2738

TITLE: SPRUSS

COUNTY OF SANTA CRUZ • ENVIRONMENTAL HEALTH SERVICE • 701 OCEAN ST., RM. 312 • (408) 454-2022

OFFICIAL INSPECTION REPORT

11/11/08

DBA/NAME <u>City of Capitola Corporation Yard</u>	DATE <u>4/8/08</u>
ADDRESS <u>430 Kennedy Dr, Capitola</u>	RECHECK DATE
OWNER/OPERATOR	PERMIT #

HAZARDOUS WASTE MANAGEMENT	GENERAL	<input type="checkbox"/> 42. Waste Determination <input type="checkbox"/> 43. EPA# <input type="checkbox"/> 44. Treatment/Disposal <input type="checkbox"/> 45. Storage Over 90 Days <input type="checkbox"/> 46. Labeled <input type="checkbox"/> 47. Container Condition <input type="checkbox"/> 48. Secondary Containment <input type="checkbox"/> 49. Incompatibles <input type="checkbox"/> 50. Co-Mingling <input type="checkbox"/> 51. Container Handling <input type="checkbox"/> 52. Security <input type="checkbox"/> 53. Warning Signs	The marked items are violations of the Health & Safety Code and must be corrected as follows: ④ Training: Keep up to date on annual hazardous materials training for employees.
	DISPOSAL	<input type="checkbox"/> 54. Property Line <input type="checkbox"/> 55. Manifests <input type="checkbox"/> 56. Extremely Haz Waste <input type="checkbox"/> 57. Packaging <input type="checkbox"/> 58. Disposal/Approved Facility <input type="checkbox"/> 59. Licensed Hauler	
	RECORDS	<input type="checkbox"/> 60. Manifests Available <input type="checkbox"/> 61. Annual Reports <input type="checkbox"/> 62. Maintenance <input type="checkbox"/> 63. Emergency Response <input type="checkbox"/> 64. Preparedness/Prevention	

A reinspection fee will be charged when violations noted are not corrected prior to the recheck date noted above

INSPECTOR: Renee Supply
 PHONE # 454-2738
 HSA-559-3 (12/92)

RECEIVED BY: [Signature]
 TITLE: P.W. SUPERVISOR

COUNTY OF SANTA CRUZ • ENVIRONMENTAL HEALTH SERVICE • 701 OCEAN ST., RM. 312 • (408) 454-2022

OFFICIAL INSPECTION REPORT

DBA/NAME <u>City of Capitola Corporation Yard</u>		DATE <u>4/8/06</u>
ADDRESS <u>430 Kennedy Dr.</u>		RECHECK DATE
OWNER/OPERATOR		PERMIT #

HAZARDOUS WASTE MANAGEMENT	GENERAL	<input type="checkbox"/> 42. Waste Determination	<p>The marked items are violations of the Health & Safety Code and must be corrected as follows:</p> <p>45. Properly dispose the waste paint and oil that has been picked up in the neighbor hoods.</p>
		<input type="checkbox"/> 43. EPA#	
		<input type="checkbox"/> 44. Treatment/Disposal	
		<input checked="" type="checkbox"/> 45. Storage Over 90 Days	
		<input type="checkbox"/> 46. Labeled	
		<input type="checkbox"/> 47. Container Condition	
		<input type="checkbox"/> 48. Secondary Containment	
		<input type="checkbox"/> 49. Incompatibles	
		<input type="checkbox"/> 50. Co-Mingling	
		<input type="checkbox"/> 51. Container Handling	
DISPOSAL	<input type="checkbox"/> 54. Property Line		
	<input type="checkbox"/> 55. Manifests		
	<input type="checkbox"/> 56. Extremely Haz Waste		
	<input type="checkbox"/> 57. Packaging		
	<input type="checkbox"/> 58. Disposal/Approved Facility		
	<input type="checkbox"/> 59. Licensed Hauler		
RECORDS	<input type="checkbox"/> 60. Manifests Available		
	<input type="checkbox"/> 61. Annual Reports		
	<input type="checkbox"/> 62. Maintenance		
	<input type="checkbox"/> 63. Emergency Response		
	<input type="checkbox"/> 64. Preparedness/Prevention		

A reinspection fee will be charged when violations noted are not corrected prior to the recheck date noted above.

INSPECTOR: <u>Wesley Supple</u>	RECEIVED BY: <u>[Signature]</u>
PHONE # <u>454-2736</u>	TITLE: <u>P.W. SPARKS</u>

HSA-559-3 (12/92)



[Handwritten mark]

**CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP) INSPECTION REPORT**

FACILITY NAME: <i>City of Capitola Corp. Yard</i>		DATE: <i>7/15/09</i>		INSPECTION TYPE <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Reinspection <input type="checkbox"/> Complaint <input type="checkbox"/> Other	
ADDRESS: <i>430 Kennedy Dr.</i>					
PROGRAMS INSPECTED		<input checked="" type="checkbox"/> HMMR	<input type="checkbox"/> UST	<input checked="" type="checkbox"/> HW Generator	<input type="checkbox"/> Cal ARP
		<input type="checkbox"/> Tiered Permits	<input type="checkbox"/> APSA		
Inspection Report: The items checked in the "NO" column below are violations of the California Health & Safety Code (HSC); Title 19 of the California Code of Regulations (CCR); or Chapter 7.100 of the Santa Cruz County Code as referenced and must be corrected as described on the inspection summary page of this report:					
YES	NO	Code	HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP)		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	101	The business has a current Health Permit for storage of hazardous materials [SC County Code 7.100.060]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	102	HMMP information is complete, current, & available during inspection [HSC 25503.5; Title 19 CCR 2729]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	103	Inventory of hazardous materials is complete and accurate [HSC 25504; Title 19 CCR 2729]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	104	Annual inventory reporting requirements have been met [HSC 25503.3]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	105	Site layout/facility maps are accurate [HSC 25504; Title 19 CCR 2729]		
YES	NO	Code	HANDLING AND STORAGE OF HAZARDOUS MATERIALS		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	106	Facility is operated and managed to prevent a release of hazardous materials [Title 19 CCR 2731 (c); SC County Code 7.100.170 and 7.100.180]		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	107	Adequate secondary containment is provided for materials stored [SC County Code 7.100.160]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	108	Warning signs are posted in areas where hazardous materials are stored [SC County Code 7.100.170]		
YES	NO	Code	EMERGENCY RESPONSE PLAN & TRAINING		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	109	Facility has an appropriate training program [Title 19 CCR 2732; 22 CCR 66265.16]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	110	Training documentation is maintained on site [Title 19 CCR 2732; 22 CCR 66265.16]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	111	Contingency plan is complete, updated, and maintained on site [HSC 25504; Title 19 CCR 2731; 22 CCR 66265.53/54]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	112	Simplified emergency procedures posted in locations where hazardous materials are stored [SC County Code 7.100.220]		
<input type="checkbox"/>	<input type="checkbox"/>	113	Other HMMP violation not listed above [SC County Code 7.100.170 or as referenced on summary page].		

COMMENTS:

*- Discussed SPCC requirements with site supervisor.
Facility does not have a SPCC at this time.
Recommend obtaining a consultant to put together
the plan.*



CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
HAZARDOUS WASTE GENERATOR INSPECTION REPORT

FACILITY NAME: <u>City of Capitola Corporation</u>		DATE: <u>7/14/09</u>		INSPECTION TYPE <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Reinspection <input type="checkbox"/> Complaint <input type="checkbox"/> Other	
ADDRESS: <u>430 Kennedy Dr.</u>		PROGRAMS INSPECTED: <input checked="" type="checkbox"/> HMMP <input type="checkbox"/> UST <input checked="" type="checkbox"/> HW Generator <input type="checkbox"/> Cal ARP		<input type="checkbox"/> Tiered Permits <input type="checkbox"/> APSA	
Inspection Report: The items checked in the "NO" column below are violations of the California Health & Safety Code (HSC); Title 22 of the California Code of Regulations (CCR); or Chapter 7.100 of the Santa Cruz County Code as referenced and must be corrected as described on the inspection summary page of this report:					
YES	NO	Code	EPA ID # - RECORDKEEPING – DOCUMENTATION (Generator ID# <u>CAL 000082633</u>)		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	133	Generator has an EPA ID# to treat, store, dispose, transport or transfer hazardous waste [Title 22CCR 66262.12]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	134	Hazardous waste determination conducted [Title 22 CCR 66262.11] <input checked="" type="checkbox"/> Own knowledge <input type="checkbox"/> analysis		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	135	Hazardous waste analysis/test records are kept for at least 3 years [Title 22 CCR 66262.40.(c)]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	136	Hazardous wastes are shipped with manifest [Title 22 CCR 66262.20]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	137	Manifests and/or receipts are retained by generator for 3 years [Title 22 CCR 66263.42/ 66262.23]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	138	Hazardous wastes were transported to a facility with an EPA ID NO. and permit or authorization from DTSC [HSC 25189.5, Title 22 CCR 66262.12] Wastes transported by: <u>Bag side</u>		
YES	NO	Code	STORAGE AND MANAGEMENT OF CONTAINERS/TANKS		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	139	Hazardous wastes are accumulated on site for not more than 90/180/270 days dep. on quantity [T22 CCR 66262.34]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	140	Hazardous waste "satellite" collection is managed properly. [Title 22 CCR 66262.34(e)]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	141	Containers of hazardous waste are properly labeled (includes appropriate date, "HAZARDOUS WASTE," waste composition/physical state, haz properties, name/address of generator) [Title 22 CCR 66262.31-.33]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	142	Containers/tanks containing hazardous wastes are in good condition/handled to minimize release or reaction [Title 22 CCR 66265.171/ 191, 66265.177(c)]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	143	Containers/tanks/liners are compatible with waste stored or transferred [Title 22 CCR 66265.172]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	144	Containers storing hazardous wastes are closed/sealed [Title 22 CCR 66265.173]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	145	Empty containers are properly labeled and managed within one year [Title 22 CCR 66261.7]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	146	Weekly inspection conducted of areas where hazardous waste containers are stored [Title 22 CCR 66265.174]		
YES	NO	Code	RECYCLABLE WASTES		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	147	Used oil is managed as hazardous waste until recycled (proper labeling, storage, etc) [HSC 25250.4]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	148	Used oil filters for recycling are managed properly (drained of free flowing liquid, stored in closed rainproof container, labeled "drained used oil filters," and transferred for metal reclamation) [Title 22 CCR 66266.130]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	149	Spent lead-acid batteries are transferred offsite under manifest or bill of lading for recycling, reuse, or reclamation [Title 22 CCR 66266.81]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	150	Solvents/other recyclable materials are managed as hazardous wastes until recycled [Title 22 CCR 66266.3]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	151	Universal Wastes (including electronic & CRT wastes) are properly managed [Title 22 CCR 66273.30-.39]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	152	Other hazardous waste violation not listed above [SC County Code 7.100.170 or as referenced on summary page].		

COMMENTS: There ~~are~~ is one drum and 1 tray of household and shop hazardous materials accumulating in the waste shed. Some containers are very rusty and the labels are beginning to come off.



County of Santa Cruz
Health Services Agency – Environmental Health Services
701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073
(831) 454-2022 FAX: (831) 454-3128 <http://www.co.santa-cruz.ca.us/>

APPENDIX E

FACILITY NAME: City of Capitola Corporation Yard

DATE: 7/14/09

INSPECTION SUMMARY AND OBSERVATIONS/VIOLATIONS

- ☐ No violations of underground tank, hazardous materials and/or hazardous waste laws, regulations, and requirements were discovered during the inspection.
- ☒ Violations were observed as listed below. All violations must be corrected by implementing the corrective action listed by each violation. You may request a meeting with the Program Manager to discuss the inspection findings and/or proposed corrective actions. The issuance of this Summary of Violations does not preclude Santa Cruz County Environmental Health Services from taking administrative, civil, or criminal action as a result of the violations noted.

ALL MINOR VIOLATIONS MUST BE CORRECTED WITHIN 30 DAYS OR AS SPECIFIED BELOW. A copy of this page with a completed **Certification of Return to Compliance** section may be forwarded to our department along with any supporting documentation that the inspector requires to certify that the violation(s) have been corrected. Your facility may be reinspected any time during normal business hours. Should a reinspection be necessary in order to verify compliance, a reinspection fee may be charged.

Violation Code	Violation Classification			VIOLATION DESCRIPTION AND CORRECTIVE ACTION(S) REQUIRED
	Class I	Class II	Minor	
167	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Provide secondary containment for road paint in the Street Shed.
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
139	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Properly dispose the household hazardous materials that has been collected in the hazardous materials shed.
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Inspected by: Rebecca Supplee

Facility Rep Name: Tom Corcoran

Signature: Rebecca Supplee

Signature: Tom Corcoran

CERTIFICATION OF RETURN TO COMPLIANCE

I certify that the violations noted above on this report have been corrected. I have personally examined any documentation attached to this certification to establish that the violations have been satisfactorily corrected.

Signature: _____

Title: _____

Date: _____



**CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP) INSPECTION REPORT**

FACILITY NAME: <u>City of Capitola</u>	DATE: <u>2/5/13</u>	INSPECTION TYPE <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Reinspection <input type="checkbox"/> Complaint
ADDRESS: <u>430 Kennedy Dr. Corp Yard</u>		

Inspection Report: The items checked in the "NO" column below are violations of the California Health & Safety Code (HSC); Title 19 of the California Code of Regulations (CCR); or Chapter 7.100 of the Santa Cruz County Code as referenced and must be corrected as described on the inspection summary page of this report:

YES	NO	Code	HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	101	The business has a current Health Permit for storage of hazardous materials [SC County Code 7.100.060]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	102	HMMP information is complete, current, & available during inspection [HSC 25503.5; Title 19 CCR 2729]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	103	Inventory of hazardous materials is complete and accurate [HSC 25504; Title 19 CCR 2729]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	104	Annual inventory reporting requirements have been met [HSC 25503.3]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	105	Site layout/facility maps are accurate [HSC 25504; Title 19 CCR 2729]

YES	NO	Code	HANDLING AND STORAGE OF HAZARDOUS MATERIALS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	106	Facility is operated and managed to prevent a release of hazardous materials [Title 19 CCR 2731 (c); SC County Code 7.100.170 and 7.100.180]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	107	Adequate secondary containment is provided for materials stored [SC County Code 7.100.160]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	108	Warning signs are posted in areas where hazardous materials are stored [SC County Code 7.100.170]

YES	NO	Code	EMERGENCY RESPONSE PLAN & TRAINING
<input checked="" type="checkbox"/>	<input type="checkbox"/>	109	Facility has an appropriate training program [Title 19 CCR 2732; 22 CCR 66265.16]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	110	Training documentation is maintained on site [Title 19 CCR 2732; 22 CCR 66265.16]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	111	Contingency plan is complete, updated, and maintained on site [HSC 25504; Title 19 CCR 2731; 22 CCR 66265.53/54]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	112	Simplified emergency procedures posted in locations where hazardous materials are stored [SC County Code 7.100.220]
<input type="checkbox"/>	<input checked="" type="checkbox"/>	113	Other HMMP violation not listed above [SC County Code 7.100.170 or as referenced on summary page].

COMMENTS:

Permit Renewed
due 6/2013



County of Santa Cruz

APPENDIX E

Health Services Agency – Environmental Health Services
701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073
(831) 454-2022 FAX: (831) 454-3128 <http://www.co.santa-cruz.ca.us/>

HWG

CERTIFIED UNIFIED PROGRAM AGENCY (CUPA) HAZARDOUS WASTE GENERATOR INSPECTION REPORT

FACILITY NAME: <u>City of Capitola Corp.</u>		DATE: <u>2/5/13</u>		INSPECTION TYPE <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Reinspection <input type="checkbox"/> Complaint	
ADDRESS: <u>430 Kennedy Dr. Capitola</u>					
Inspection Report: The items checked in the "NO" column below are violations of the California Health & Safety Code (HSC); Title 22 of the California Code of Regulations (CCR); or Chapter 7.100 of the Santa Cruz County Code as referenced and must be corrected as described on the inspection summary page of this report:					
YES	NO	Code	EPA ID # - RECORDKEEPING – DOCUMENTATION (Generator ID# <u>CAL000082633</u>)		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	133	Generator has an EPA ID# to treat, store, dispose, transport or transfer hazardous waste [Title 22 CCR 66262.12]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	134	Hazardous waste determination conducted [Title 22 CCR 66262.11] <input checked="" type="checkbox"/> own knowledge <input type="checkbox"/> analysis		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	135	Hazardous waste analysis/test records are kept for at least 3 years [Title 22 CCR 66262.40.(c)]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	136	Hazardous wastes are shipped with manifest [Title 22 CCR 66262.20]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	137	Manifests and/or receipts are retained by generator for 3 years [Title 22 CCR 66263.42/ 66262.23]		
<input type="checkbox"/>	<input type="checkbox"/>	138	Hazardous wastes were transported to a facility with an EPA ID NO. and permit or authorization from DTSC [HSC 25189.5, Title 22 CCR 66262.12] Wastes transported by: <u>Bayside</u>		
YES	NO	Code	STORAGE AND MANAGEMENT OF CONTAINERS/TANKS		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	139	Hazardous wastes are accumulated on site for not more than 90/180/270 days dep. on quantity [T22 CCR 66262.34]		
<input type="checkbox"/>	<input type="checkbox"/>	140	Hazardous waste "satellite" collection is managed properly. [Title 22 CCR 66262.34(e)] <u>N/A</u>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	141	Containers of hazardous waste are properly labeled (includes appropriate date, "HAZARDOUS WASTE," waste composition/physical state, haz properties, name/address of generator) [Title 22 CCR 66262.31-.33]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	142	Containers/tanks containing hazardous wastes are in good condition/handled to minimize release or reaction [Title 22 CCR 66265.171/.191, 66265.177(c)]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	143	Containers/tanks/liners are compatible with waste stored or transferred [Title 22 CCR 66265.172]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	144	Containers storing hazardous wastes are closed/sealed [Title 22 CCR 66265.173]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	145	Empty containers are properly labeled and managed within one year [Title 22 CCR 66261.7]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	146	Weekly inspection conducted of areas where hazardous waste containers are stored [Title 22 CCR 66265.174]		
YES	NO	Code	RECYCLABLE WASTES		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	147	Used oil is managed as hazardous waste until recycled (proper labeling, storage, etc) [HSC 25250.4]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	148	Used oil filters for recycling are managed properly (drained of free flowing liquid, stored in closed rainproof container, labeled "drained used oil filters," and transferred for metal reclamation) [Title 22 CCR 66266.130]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	149	Spent lead-acid batteries are transferred offsite under manifest or bill of lading for recycling, reuse, or reclamation [Title 22 CCR 66266.81]		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	150	Solvents/other recyclable materials are managed as hazardous wastes until recycled [Title 22 CCR 66266.3]		
<input type="checkbox"/>	<input type="checkbox"/>	151	Universal Wastes (including electronic & CRT wastes) are properly managed [Title 22 CCR 66273.30-.39] <u>N/A</u>		
<input type="checkbox"/>	<input type="checkbox"/>	152	Other hazardous waste violation not listed above [SC County Code 7.100.170 or as referenced on summary page].		

COMMENTS:



County of Santa Cruz

Health Services Agency – Environmental Health Services
701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073
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APPENDIX E

APSA

CERTIFIED UNIFIED PROGRAM AGENCY (CUPA) ABOVEGROUND PETROLEUM STORAGE INSPECTION REPORT

FACILITY NAME: <u>City of Capitola</u>		DATE: <u>2/5/13</u>	INSPECTION TYPE <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Reinspection <input type="checkbox"/> Complaint
ADDRESS: <u>430 Kennedy Street</u>			
Facility Classification: <input type="checkbox"/> Conditionally Exempt <input type="checkbox"/> Non-Qualified Facility <input checked="" type="checkbox"/> Tier I Qualified Facility <input type="checkbox"/> Tier II Qualified Facility			
Inspection Report: The items checked in the "NO" column below are violations of Chapter 6.67 of the California Health & Safety Code (HSC); Title 40 of the Code of Federal Regulations; or Chapter 7.100 of the Santa Cruz County Code as referenced and must be corrected as described on the inspection summary page of this report:			
YES	NO	Code	CONDITIONALLY EXEMPT FACILITIES (FARM, NURSERY, LOGGING SITE, OR CONSTRUCTION SITE)
<input type="checkbox"/>	<input type="checkbox"/>	153	Facility meets the minimum storage capacity to qualify for conditional exemption from SPCC Plan. [HSC 25270.4.5 (b)]
<input type="checkbox"/>	<input type="checkbox"/>	154	Daily visual inspections of petroleum storage tanks are being conducted. [HSC 25270.4.5 (b)(1)]
<input type="checkbox"/>	<input type="checkbox"/>	155	Adequate secondary containment is provided for all petroleum storage tanks. [HSC 25270.4.5 (b)(3) SCC 7.100.160]
YES	NO	Code	SPCC PLAN REQUIREMENTS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	156	Owner/Operator has prepared a written SPCC Plan that includes required elements. [HSC 25270.4.5 (a); 40 CFR 112.3]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	157	A complete copy of the SPCC Plan is available onsite for review [40 CFR 112.3 (e)]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	158	The SPCC Plan has been reviewed and certified by a Professional Engineer (Non-Qualified Facilities) [40 CFR 112.3 (d)] or the owner/operator (Qualified Tier I or Tier II Facilities) [40 CFR 112.6 (a)(1) or 112.6 (b)(1)]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	159	The SPCC Plan is reviewed and evaluated at least once every five years [HSC 25270.4.5 (a); 40 CFR 112.5 (d)]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	160	Changes resulting from Plan reviews or amendments are implemented within 6 months [40 CFR 112.5 (a)]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	161	Technical amendments to the Plan are properly certified. [40 CFR 112.5 (e); 112.6 (a)(2) or 112.6 (b)(2)]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	162	Oil-handling personnel are trained in operation and maintenance of equipment and procedures to prevent discharges [HSC 25270.4.5 (a); 40 CFR 112.7 (f)(1)]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	163	Annual spill prevention briefings are conducted [HSC 25270.4.5 (a); 40 CFR 112.7 (f)(3)]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	164	Inspections and tests are conducted on containers, valves and piping in accordance with written procedures and signed records are kept with the SPCC Plan. [HSC 25270.4.5 (a); 40 CFR 112.7 (e)]
YES	NO	Code	SPCC PLAN IMPLEMENTATION & FACILITY MAINTENANCE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	165	Facility has filed an annual tank facility statement or business plan within the past year. [HSC 25270.6]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	166	Spills or other releases are properly reported and documented. [HSC 25270.8]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	167	Mobile or portable containers are positioned to prevent a discharge [40 CFR 112.8 (c)(11)] <u>N/A</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	168	Facility drainage is properly functioning and visible discharges are promptly removed from secondary containment. [40 CFR 112.8 (b) and 112.8 (c)(10)] <u>N/A</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	169	Discharge control, prevention and cleanup supplies are adequate and available [40 CFR 112.8 (a)(3) and (c)]
<input type="checkbox"/>	<input checked="" type="checkbox"/>	170	Other APSA or SPCC violation not listed above [SC County Code 7.100.170 or as referenced on summary page]

COMMENTS:

Spec has been completed
and received.

Minor violation #156 has
been corrected.



County of Santa Cruz
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(831) 454-2022 FAX: (831) 454-3128 <http://www.co.santa-cruz.ca.us/>

FACILITY NAME:

Capitol City Corp Yard

DATE:

2/5/2013

INSPECTION SUMMARY AND OBSERVATIONS/VIOLATIONS

CONSENT TO INSPECT GRANTED BY: (Name/Title):

x Matt Kotila maintenance 3

Inspection may involve obtaining photographs, review and copying of records, and determination of compliance with environmental regulations.

- ☒ No violations of underground tank, hazardous materials and/or hazardous waste laws, regulations, and requirements were discovered during the inspection.
- ☐ Violations were observed as listed below. All violations must be corrected by implementing the corrective action listed by each violation. You may request a meeting with the Program Manager to discuss the inspection findings and/or proposed corrective actions. The issuance of this Summary of Violations does not preclude Santa Cruz County Environmental Health Services from taking administrative, civil, or criminal action as a result of the violations noted.

ALL MINOR VIOLATIONS MUST BE CORRECTED WITHIN 30 DAYS OR AS SPECIFIED BELOW. A copy of this page with a completed **Certification of Return to Compliance** section may be forwarded to our department at 701 Ocean St, Room 312 in Santa Cruz along with any supporting documentation that the inspector requires to certify that the violation(s) have been corrected. Your facility may be reinspected any time during normal business hours. Should a reinspection be necessary in order to verify compliance, a reinspection fee may be charged.

PROGRAMS INSPECTED:

☒ HMMP☐ UST☒ HW Generator☐ Cal ARP☐ Tiered Permits☒ APSA

Violation Code Violation Classification
Class I Class II Minor

VIOLATION DESCRIPTION AND CORRECTIVE ACTION(S) REQUIRED

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Minor Violation #156 was corrected.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Inspected by:

Tim Epperson

Facility Rep Name:

x Matt Kotila

Signature:

Signature:

x Matt Kotila

CERTIFICATION OF RETURN TO COMPLIANCE

I certify that the violations noted above on this report have been corrected. I have personally examined any documentation attached to this certification to establish that the violations have been satisfactorily corrected.

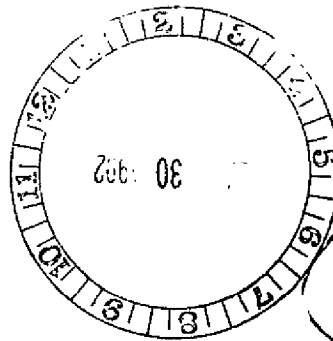
Signature: _____

Title: _____

Date: _____



420 CAPITOLA AVENUE
CAPITOLA, CALIFORNIA 95010
TELEPHONE (408) 475-7300



January 28, 1992

Steve Baiocchi
Santa Cruz Environmental Health
701 Ocean Street
Santa Cruz, CA 95060

RE: Soil storage at City Corporation Yard

Dear Steve,

We have recently gotten back the test results for one composite soil sample taken 12/4/91 from our diesel stockpile. The results of this test showed 19 PPM of diesel concentrations, with no detectable concentrations of benzene, toluene, ethylbenzene or xylenes. This is quite a bit lower than our original sample taken in 8/90. Daleth Foster of Raas & Associates indicated this lowering could occur naturally in soil.

Therefore at this time our plans are to keep the pile covered on site and retest in 1 year. If the pile continues to remediate itself we would be able to dispose of it on site as clean fill.

If you have any comments regarding our plan please call me at 475-7300.

Sincerely,

Ed Morrison

Ed Morrison
Maintenance Superintendent

EM/mb

Returned 2/3/92 Left Message

2/4/92 Talked with Morrison, OK to use the soil for fill or other activities except where it would come into direct contact with groundwater.

SB.

*Close File
on This Incident*

7/28/92

SB



COUNTY OF SANTA CRUZ

ENVIRONMENTAL HEALTH SERVICE
701 OCEAN STREET, ROOM 312
SANTA CRUZ, CALIFORNIA 95060
(408) 425-2341

January 10, 1992

Ed Morrison
City of Capitola Public Works Department
420 Capitola Avenue
Capitola, CA 95010

RE: **UNDERGROUND STORAGE TANK SITE ASSESSMENT RESULTS**
LOCATION: 430 Kennedy Drive, Capitola

Dear Mr. Morrison:

This office has received analytical sample results dated November 15, 1991, from your underground storage tank closure project.

These results suggest further assessment is not needed at this time. Please note this determination does not relieve you of other agency requirements, nor does it relieve you or future owners or operators of additional work, should future information indicate that a contamination/pollution problem exists or should assessment or clean-up standards change.

A proposal to remediate the stockpiled diesel contaminated soil should be submitted to this office by February 7, 1992.

If you have questions or need additional assistance, please feel free to contact me at (408) 425-2365, Monday through Thursday morning from 8:00 a.m. to 9:30 a.m..

Sincerely,

STEVE BAIOCCHI, R.E.H.S.
Senior Environmental Health Specialist

OK, no additional remediation
needed. See Feb. 4, 1992 letter
from Raas & Associates.

SB

SB:ljb

cc: Steven Raas & Associates
Attention: Daleth Foster

APPENDIX E

Phase II Sampling Field Documentation:

Field Notes, Field Methodology for shallow soil sampling



WEBER, HAYES & ASSOCIATES
Hydrogeology and Environmental Engineering
120 Westgate Drive, Watsonville, CA 95076
831.722.3580 // www.weber-hayes.com

APPENDIX E

INDICATE ATTACHMENTS THAT APPLY

- Site Map
- Data Sheets
- Geologic Logs
- Photo Sheets
- COC's
- Chargeable Materials

Client: <u>City of Capitola</u>	Date: <u>10/8/2015</u>
Site Location: <u>Monterey Park, Capitola, CA</u>	Study #: <u>2X535</u>
Field Tasks: <input type="checkbox"/> Drilling <input checked="" type="checkbox"/> Sampling <input type="checkbox"/> Other (see below):	Weather Conditions: <u>SUNNY, PLEASANT</u>
Personnel / Company On-Site: <u>Dan Kocher (Weber, Hayes & Associates; WHA) / PAT HOBAN (WHA), SEAN ABNEY (WHA)</u>	

TIME:

0800	ARRIVE ON-SITE W/ PAT HOBAN (WHA) → BEGIN WALKING SITE TO MEASURE PERIMETER OF PROPOSED DEVELOPMENT AREA
	<p>The diagram shows a rectangular area labeled 'SOFTBALL FIELD'. A 'WALKING PATH' is indicated along the perimeter. Four sampling locations are marked: EB-3A, EB-1A, EB-2A, and EB-4A. Distances between points are noted: ~30' between EB-3A and EB-4A, ~15' between EB-3A and EB-1A, ~75' between EB-1A and EB-2A, and ~225' between EB-2A and EB-4A. A north arrow points upwards. A vertical line on the left is labeled 'MONTEREY AVENUE' with an arrow pointing up. A vertical line on the right is labeled 'TUGEL HILLS' with an arrow pointing up. A horizontal line at the bottom is labeled 'EUCALYPTUS RIDGE' with an arrow pointing left. Dimensions of 0' and 50' are marked at the top left.</p>
0830	PAT HOBAN LEAVES SITE
0845	BEGIN SAMPLING @ EB-1 - ALL SAMPLES WILL BE COLLECTED FROM 6 to 9" INCHES BELOW GROUND SURFACE W/ A SOIL SAMPLING HAMMER
0905	BEGIN SAMPLING @ EB-2
0925	BEGIN SAMPLING @ EB-3 → DUPLICATE TAKEN @ EB-3
0955	BEGIN SAMPLING @ EB-4
1005	SPEAK W/ PETER BINS (BC LABS) TO ARRANGE SAMPLE PICKUP @ WHA OFFICE
1020	BEGIN BREAKDOWN & PACK UP
1045	LEAVE SITE

Signature of Field Personnel & Date 10/8/2015

PROJECT NAME AND JOB #: Cap- Monterey Skate ESA Plug / 2X535

SEND CERTIFIED RESULTS TO: Weber, Hayes, & Associates - Attn: Pat Hoban

ELECTRONIC DELIVERABLE FORMAT: ☐ YES ☒ NO

Sampler: Dan Kocher

Date: 10/8/2015

LABORATORY: ~~Torrent~~ Labs

TURNAROUND TIME: Standard 5-Day 3-Day Rush 24hr Rush **48hr Rush** 72hr Rush

GLOBAL I.D.:

[illegible]

RELEASED BY:

Date & Time

10/8/15/ 12²⁰

RECEIVED BY:

Date & Time

10/8/15 1226 PM

SAMPLE CONDITION:
(circle 1)

- 1.)
- 2.)
- 3.)
- 4.)
- 5.)

Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen

NOTES:

ADDITIONAL COMMENTS

* Please email Results to: lab@weber-hayes.com & pat@weber-hayes.com

X Please use MDL (Minimum Detection Limit) for any diluted samples.

Field Methodology for Shallow Soil Sampling

This field methodology describes the methods used during shallow soil sampling investigations. Included are specifications for shallow soil sampling with a slide hammer, and decontamination procedures.

Shallow Soil Sampling Procedures: A backhoe, two person power auger, or a hand auger will be used to get to a point immediately above the sampling depth. Once at the desired sampling depth, a slide hammer will be used to drive a clean stainless steel liner encased in the slide hammer sampling shoe to obtain a relatively undisturbed sample. The slide hammer consists of a metal rod with one end containing a sampling shoe and cutting head with which a sample liner can be installed. At the other end of the metal rod there is a handle that is constrained on the rod, but slides up and down the rod allowing force to be applied to the sampling shoe. Manual operation is used to slide the handle down the rod to force the sampling shoe equipped with the liner into native soils.



Materials retrieved from the sampler will be logged on an as-needed basis by the experienced field geologist using the Unified Soil Classification System (USCS), noting in particular, the lithology of the soils, moisture content, and any unusual odor or discoloration. The liner and relatively undisturbed soils will then be removed from the sampling shoe. The liner is then protected at both ends with Teflon tape, sealed with non-reactive caps, taped, and immediately stored in an insulated container cooled with blue ice at a temperature of 4 degree Celsius or less. Soil samples selected for Volatile Organic Compound (VOC) analysis will follow field preservation protocols according to EPA Method 5035, as described in DTSC's *Guidance Document for the Implementation of United States Environmental Protection Agency Method 5035: Methodologies for Collection, Preservation, Storage, and Preparation of Soils to be Analyzed for Volatile Organic Compounds*, dated November 2004. Selected samples will be transported under appropriate chain-of-custody documentation to a State certified laboratory performing the targeted analysis.

Samples scheduled to be composited prior to analyses will be composited by the analytical laboratory according to their procedures prior to analyses.

Upon completion of sampling at the designated location, the location will be backfilled and compacted with the materials that were removed prior to sampling, supplemented by clean imported fill as necessary.

Equipment Decontamination and Containerization Procedures: All sampling equipment will be cleaned prior to arriving on site to prevent possible transfer of contamination from another site. Additionally, sampling equipment will be thoroughly cleaned between each sampling run with a Liqui-Nox ® or Alconox ® solution followed by a double rinsing with distilled water to prevent the vertical transfer of contamination, and/or contamination from location to location onsite. Accordingly, all sampling equipment will be cleaned following sampling operations to prevent the possible transfer of contamination to another site.

All cleaning rinsate, and wash water produced during the shallow soil sampling and decontamination process will be containerized on site in D.O.T. approved 55-gallon drums for subsequent profiling and disposal at an approved facility.

APPENDIX F

Laboratory Analytical Reports

Date of Report: 10/15/2015

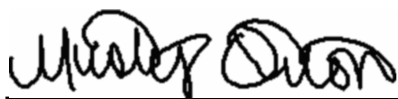
Pat Hoban

Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Client Project: Cap-Monterey Skate ESA Plug / 2X535
BCL Project: Misc.
BCL Work Order: 1525741
Invoice ID: B216441

Enclosed are the results of analyses for samples received by the laboratory on 10/9/2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Misty Orton
Client Service Rep



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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Chain of Custody and Cooler Receipt Form for 1525741 Page 1 of 2

CHAIN-OF-CUSTODY RECORD

RUSH!

Webster, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-1560 Fax: (831) 722-1159
www.webster-hayes.com

PROJECT NAME AND JOB #: Cap-Monterey Skate ESA Plug / 2X535

SEND CERTIFIED RESULTS TO: Webster, Hayes, & Associates - Altin: Pat Hoban

ELECTRONIC DELIVERABLE FORMAT: ☐ YES ☒ NO

Sampler: Dan Kochar

Date: 10/18/2015

LABORATORY: Webster Labs

TURNAROUND TIME: Standard 5-7day Rush 3-5day Rush 2day Rush

GLOBAL ID: 15-25741

Sample Identification	Date Sampled	SAMPLE CONTAINERS		REQUESTED ANALYSES		ADDITIONAL ANALYSES		LIFT'S Matrix (EPA Method 8160) Pg. No. 20
		40 mL GC/MS (preserved)	1 Liter Aqueous Preserved	Total Petroleum Hydrocarbons (EPA Method 8015) Preserved in 100% MeOH	Volatile Organics (EPA Method 8210) Preserved in 100% MeOH	Acetone Extraction (EPA Method 8015) Preserved in 100% MeOH	Gasoline, Kerosene, Diesel (EPA Method 8015) Preserved in 100% MeOH	
EB-1A	10/18/2015							X
EB-2A								
EB-3A								
EB-4A								
DUPPLICATE								

RECEIVED BY: [Signature] **DATE:** 10/18/2015 **TIME:** 10:08 AM

RELEASED BY: [Signature] **DATE:** 10/18/2015 **TIME:** 10:08 AM

COOLER RECEIPT: ☒ YES ☐ NO

COOLER CONDITION: ☒ FROZEN ☐ REFRIGERATED ☐ AMBIENT

ADDITIONAL COMMENTS:

* Please email Results to: lab@webster-hayes.com & pat@webster-hayes.com

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BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 1 of 1							
Submission #: 15-25741											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrack <input checked="" type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.97 Container: <u>PCSK</u> Thermometer ID: <u>208</u> Temperature: 14.3 °C (/ C) 14.2 °C (/ F)		Date/Time: 10-9-13 Analyst Init: <u>JD 8-28</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / Box / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / Box / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 505/506/509/510											
QT EPA 515/19359											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
Box EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
Box / 16oz / 32oz AMBER											
Box / 16oz / 32oz JAR											
SOIL SLEEVE		A	A	A	A	A					
PCR VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: _____
 Sample Numbering Completed By: JD Date/Time: 10/9/15 1420 Rev 20 07/24/2015
 A = Actual / C = Corrected (U:\WORK\WorkProduct\LAB JOCS\FORMS\SANNEC\rev 20)

Report ID: 1000407719

Weber, Hayes & Associates	Reported: 10/15/2015 16:52
120 Westgate Drive	Project: Misc.
Watsonville, CA 95076	Project Number: Cap-Monterey Skate ESA Plug / 2X535
	Project Manager: Pat Hoban

Laboratory	Client Sample Information			
1525741-01	COC Number:	---	Receive Date:	10/09/2015 08:28
	Project Number:	---	Sampling Date:	10/08/2015 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	EB-1A	Lab Matrix:	Solids
	Sampled By:	Dan Kocher	Sample Type:	Soil
1525741-02	COC Number:	---	Receive Date:	10/09/2015 08:28
	Project Number:	---	Sampling Date:	10/08/2015 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	EB-2A	Lab Matrix:	Solids
	Sampled By:	Dan Kocher	Sample Type:	Soil
1525741-03	COC Number:	---	Receive Date:	10/09/2015 08:28
	Project Number:	---	Sampling Date:	10/08/2015 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	EB-3A	Lab Matrix:	Solids
	Sampled By:	Dan Kocher	Sample Type:	Soil
1525741-04	COC Number:	---	Receive Date:	10/09/2015 08:28
	Project Number:	---	Sampling Date:	10/08/2015 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	EB-4A	Lab Matrix:	Solids
	Sampled By:	Dan Kocher	Sample Type:	Soil
1525741-05	COC Number:	---	Receive Date:	10/09/2015 08:28
	Project Number:	---	Sampling Date:	10/08/2015 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Duplicate	Lab Matrix:	Solids
	Sampled By:	Dan Kocher	Sample Type:	Soil

Report ID: 1000407719

APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1525741-01	Client Sample Name: EB-1A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00028	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.00076	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.00015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.00050	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.17	mg/kg	0.10	0.030	EPA-8081A	ND	A10	1
4,4'-DDD	0.0041	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
4,4'-DDE	0.00097	mg/kg	0.0010	0.000090	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.0012	mg/kg	0.0010	0.000062	EPA-8081A	ND	A10	1
Dieldrin	0.0012	mg/kg	0.0010	0.000064	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.000070	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00012	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00052	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00030	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.015	EPA-8081A	ND	A10	1
TCMX (Surrogate)	66.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	80.4	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/12/15	10/15/15 09:59	KEP	GC-17	2.013	BYJ1189



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-01	Client Sample Name: EB-1A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1

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Report ID: 1000407719

4100 Atlas Court Bakersfield, CA 93306 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

Page 6 of 44

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Report ID: 1000407719

4100 Atlas Court Bakersfield, CA 93306 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

Page 7 of 44



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-01	Client Sample Name:	EB-1A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	118	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	106	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/09/15	10/10/15 02:11	ADC	MS-V3	1	BYJ0862



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID:	1525741-01	Client Sample Name:	EB-1A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	7.2	mg/kg	10	1.2	Luft/FFP	ND	J,A52	1
TPH - Motor Oil	46	mg/kg	20	6.5	Luft/FFP	ND		1
Tetracosane (Surrogate)	76.3	%	20 - 145 (LCL - UCL)		Luft/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/FFP	10/12/15	10/13/15 21:31	MWB	GC-13	1.010	BYJ1114

APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Total Concentrations (TTLIC)

BCL Sample ID:	1525741-01	Client Sample Name: EB-1A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	4.0	mg/kg	0.50	0.17	EPA-6020	ND		1
Cadmium	0.29	mg/kg	0.25	0.048	EPA-6020	ND		1
Chromium	20	mg/kg	0.75	0.25	EPA-6020	ND		1
Lead	7.4	mg/kg	0.25	0.12	EPA-6020	ND		1
Nickel	13	mg/kg	0.50	0.11	EPA-6020	ND		1
Zinc	42	mg/kg	1.3	0.50	EPA-6020	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	10/13/15	10/14/15 21:41	GPD	PE-EL2	1	BYJ1059



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1525741-02	Client Sample Name: EB-2A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00028	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.00076	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.00015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.00050	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.11	mg/kg	0.10	0.030	EPA-8081A	ND	A10	1
4,4'-DDD	0.0013	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
4,4'-DDE	0.00050	mg/kg	0.0010	0.000090	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.00083	mg/kg	0.0010	0.000062	EPA-8081A	ND	J,A10	1
Dieldrin	0.0011	mg/kg	0.0010	0.000064	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.000070	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00012	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00052	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00030	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.015	EPA-8081A	ND	A10	1
TCMX (Surrogate)	72.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	81.9	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/12/15	10/15/15 10:11	KEP	GC-17	2.007	BYJ1189

APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-02	Client Sample Name: EB-2A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Qualls	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1

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Report ID: 1000407719

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-02	Client Sample Name: EB-2A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Qualls	Run #
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	0.073	mg/kg	0.20	0.020	Luft-GC/MS	ND	J	1
1,2-Dichloroethane-d4 (Surrogate)	120	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	106	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/09/15	10/10/15 02:34	ADC	MS-V3	1	BYJ0862

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID:	1525741-02	Client Sample Name:	EB-2A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	11	mg/kg	10	1.2	Luft/FFP	ND	A52	1
TPH - Motor Oil	92	mg/kg	20	6.5	Luft/FFP	ND		1
Tetracosane (Surrogate)	84.7	%	20 - 145 (LCL - UCL)		Luft/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/FFP	10/12/15	10/13/15 21:54	MWB	GC-13	1.007	BYJ1114



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Total Concentrations (TTLIC)

BCL Sample ID:	1525741-02	Client Sample Name:	EB-2A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	5.6	mg/kg	0.50	0.17	EPA-6020	ND		1
Cadmium	0.35	mg/kg	0.25	0.048	EPA-6020	ND		1
Chromium	23	mg/kg	0.75	0.25	EPA-6020	ND		1
Lead	7.1	mg/kg	0.25	0.12	EPA-6020	ND		1
Nickel	15	mg/kg	0.50	0.11	EPA-6020	ND		1
Zinc	45	mg/kg	1.3	0.50	EPA-6020	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	10/13/15	10/14/15 20:57	GPD	PE-EL2	0.971	BYJ1059

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Report ID: 1000407719

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Report ID: 1000407719

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APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1525741-03	Client Sample Name:	EB-3A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00028	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.00076	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.00015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.00050	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.033	mg/kg	0.10	0.030	EPA-8081A	ND	J,A10	1
4,4'-DDD	0.00046	mg/kg	0.0010	0.00013	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.00077	mg/kg	0.0010	0.000090	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.00080	mg/kg	0.0010	0.000062	EPA-8081A	ND	J,A10	1
Dieldrin	0.00062	mg/kg	0.0010	0.000064	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.000070	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00012	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00052	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00030	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.015	EPA-8081A	ND	A10	1
TCMX (Surrogate)	64.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	82.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/12/15	10/15/15 10:22	KEP	GC-17	1.987	BYJ1189

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-03	Client Sample Name:	EB-3A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-03	Client Sample Name:	EB-3A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	120	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/09/15	10/10/15 02:57	ADC	MS-V3	1	BYJ0862



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID:	1525741-03	Client Sample Name:	EB-3A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	9.9	mg/kg	10	1.2	Luft/FFP	ND	J,A52	1
TPH - Motor Oil	77	mg/kg	20	6.5	Luft/FFP	ND		1
Tetracosane (Surrogate)	85.0	%	20 - 145 (LCL - UCL)		Luft/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/FFP	10/12/15	10/13/15 22:17	MWB	GC-13	1.017	BYJ1114

APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Total Concentrations (TTLIC)

BCL Sample ID:	1525741-03	Client Sample Name: EB-3A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	6.8	mg/kg	0.50	0.17	EPA-6020	ND		1
Cadmium	0.30	mg/kg	0.25	0.048	EPA-6020	ND		1
Chromium	18	mg/kg	0.75	0.25	EPA-6020	ND		1
Lead	6.6	mg/kg	0.25	0.12	EPA-6020	ND		1
Nickel	14	mg/kg	0.50	0.11	EPA-6020	ND		1
Zinc	44	mg/kg	1.3	0.50	EPA-6020	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	10/13/15	10/14/15 21:00	GPD	PE-EL2	0.980	BYJ1059



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1525741-04	Client Sample Name:	EB-4A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00028	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.00076	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.00015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.00050	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.16	mg/kg	0.10	0.030	EPA-8081A	ND	A10	1
4,4'-DDD	0.0028	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
4,4'-DDE	0.0045	mg/kg	0.0010	0.000090	EPA-8081A	ND	A10	1
4,4'-DDT	0.0021	mg/kg	0.0010	0.000062	EPA-8081A	ND	A10	1
Dieldrin	0.0050	mg/kg	0.0010	0.000064	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.000070	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00012	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00052	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00030	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.015	EPA-8081A	ND	A10	1
TCMX (Surrogate)	63.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	76.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/12/15	10/15/15 10:34	KEP	GC-17	2.013	BYJ1189

APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-04	Client Sample Name: EB-4A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1

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Report ID: 1000407719

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-04	Client Sample Name: EB-4A, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	115	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	106	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/09/15	10/10/15 03:20	ADC	MS-V3	1	BYJ0862

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID:	1525741-04	Client Sample Name:	EB-4A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	7.2	mg/kg	10	1.2	Luft/FFP	ND	J,A52	1
TPH - Motor Oil	62	mg/kg	20	6.5	Luft/FFP	ND		1
Tetracosane (Surrogate)	76.0	%	20 - 145 (LCL - UCL)		Luft/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/FFP	10/12/15	10/13/15 22:40	MWB	GC-13	0.993	BYJ1114



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Total Concentrations (TTLIC)

BCL Sample ID:	1525741-04	Client Sample Name:	EB-4A, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	3.3	mg/kg	0.50	0.17	EPA-6020	ND		1
Cadmium	0.33	mg/kg	0.25	0.048	EPA-6020	ND		1
Chromium	19	mg/kg	0.75	0.25	EPA-6020	ND		1
Lead	8.2	mg/kg	0.25	0.12	EPA-6020	ND		1
Nickel	13	mg/kg	0.50	0.11	EPA-6020	ND		1
Zinc	41	mg/kg	1.3	0.50	EPA-6020	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	10/13/15	10/14/15 21:04	GPD	PE-EL2	0.990	BYJ1059

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Report ID: 1000407719

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Report ID: 1000407719

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1525741-05	Client Sample Name: Duplicate, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00028	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.00076	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.00015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.00050	EPA-8081A	ND	A10	1
Chlordane (Technical)	0.12	mg/kg	0.10	0.030	EPA-8081A	ND	A10	1
4,4'-DDD	0.00065	mg/kg	0.0010	0.00013	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.00095	mg/kg	0.0010	0.000090	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.00079	mg/kg	0.0010	0.000062	EPA-8081A	ND	J,A10	1
Dieldrin	0.0010	mg/kg	0.0010	0.000064	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.000070	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00012	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00052	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00030	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00026	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.015	EPA-8081A	ND	A10	1
TCMX (Surrogate)	63.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	84.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/12/15	10/15/15 10:46	KEP	GC-17	2.013	BYJ1189

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-05	Client Sample Name: Duplicate, 10/8/2015 12:00:00AM, Dan Kocher						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1

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Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	1525741-05	Client Sample Name:	Duplicate, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
t-Butyl alcohol	ND	mg/kg	0.050	0.017	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.020	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	121	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	105	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	10/09/15	10/10/15 03:43	ADC	MS-V3	1	BYJ0862



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID:	1525741-05	Client Sample Name:	Duplicate, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	10	mg/kg	10	1.2	Luft/FFP	ND	A52	1
TPH - Motor Oil	89	mg/kg	20	6.5	Luft/FFP	ND		1
Tetracosane (Surrogate)	79.3	%	20 - 145 (LCL - UCL)		Luft/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/FFP	10/12/15	10/13/15 23:02	MWB	GC-13	0.987	BYJ1114

APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Total Concentrations (TTLIC)

BCL Sample ID:	1525741-05	Client Sample Name:	Duplicate, 10/8/2015 12:00:00AM, Dan Kocher					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	4.7	mg/kg	0.50	0.17	EPA-6020	ND		1
Cadmium	0.30	mg/kg	0.25	0.048	EPA-6020	ND		1
Chromium	24	mg/kg	0.75	0.25	EPA-6020	ND		1
Lead	6.9	mg/kg	0.25	0.12	EPA-6020	ND		1
Nickel	16	mg/kg	0.50	0.11	EPA-6020	ND		1
Zinc	45	mg/kg	1.3	0.50	EPA-6020	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	10/13/15	10/14/15 21:07	GPD	PE-EL2	0.952	BYJ1059



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Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BYJ1189						
Aldrin	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000026	
alpha-BHC	BYJ1189-BLK1	ND	mg/kg	0.00050	0.00014	
beta-BHC	BYJ1189-BLK1	ND	mg/kg	0.00050	0.00038	
delta-BHC	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000076	
gamma-BHC (Lindane)	BYJ1189-BLK1	ND	mg/kg	0.00050	0.00025	
Chlordane (Technical)	BYJ1189-BLK1	ND	mg/kg	0.050	0.015	
4,4'-DDD	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000063	
4,4'-DDE	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000045	
4,4'-DDT	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000031	
Dieldrin	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000032	
Endosulfan I	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000086	
Endosulfan II	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000066	
Endosulfan sulfate	BYJ1189-BLK1	ND	mg/kg	0.00050	0.00013	
Endrin	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000035	
Endrin aldehyde	BYJ1189-BLK1	ND	mg/kg	0.00050	0.000061	
Heptachlor	BYJ1189-BLK1	ND	mg/kg	0.00050	0.00026	
Heptachlor epoxide	BYJ1189-BLK1	ND	mg/kg	0.00050	0.00015	
Methoxychlor	BYJ1189-BLK1	ND	mg/kg	0.00050	0.00013	
Toxaphene	BYJ1189-BLK1	ND	mg/kg	0.050	0.0074	
TCMX (Surrogate)	BYJ1189-BLK1	83.9	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BYJ1189-BLK1	84.3	%	40 - 130 (LCL - UCL)		

APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BYJ1189										
Aldrin	BYJ1189-BS1	LCS	0.0041533	0.0049342	mg/kg	84.2		70 - 130		
gamma-BHC (Lindane)	BYJ1189-BS1	LCS	0.0045997	0.0049342	mg/kg	93.2		60 - 140		
4,4'-DDT	BYJ1189-BS1	LCS	0.0040664	0.0049342	mg/kg	82.4		60 - 140		
Dieldrin	BYJ1189-BS1	LCS	0.0040786	0.0049342	mg/kg	82.7		70 - 130		
Endrin	BYJ1189-BS1	LCS	0.0041030	0.0049342	mg/kg	83.2		60 - 140		
Heptachlor	BYJ1189-BS1	LCS	0.0044049	0.0049342	mg/kg	89.3		60 - 140		
TCMX (Surrogate)	BYJ1189-BS1	LCS	0.0094641	0.0098684	mg/kg	95.9		20 - 130		
Decachlorobiphenyl (Surrogate)	BYJ1189-BS1	LCS	0.016043	0.019737	mg/kg	81.3		40 - 130		



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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

											Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab		
QC Batch ID: BYJ1189		Used client sample: N											
Aldrin	MS	1521506-43	ND	0.0043287	0.0050676	mg/kg		85.4		50 - 140			
	MSD	1521506-43	ND	0.0044591	0.0049505	mg/kg	3.0	90.1	30	50 - 140			
gamma-BHC (Lindane)	MS	1521506-43	ND	0.0047122	0.0050676	mg/kg		93.0		50 - 140			
	MSD	1521506-43	ND	0.0046244	0.0049505	mg/kg	1.9	93.4	30	50 - 140			
4,4'-DDT	MS	1521506-43	ND	0.0043507	0.0050676	mg/kg		85.9		50 - 140			
	MSD	1521506-43	ND	0.0048690	0.0049505	mg/kg	11.2	98.4	30	50 - 140			
Dieldrin	MS	1521506-43	ND	0.0043649	0.0050676	mg/kg		86.1		40 - 140			
	MSD	1521506-43	ND	0.0045875	0.0049505	mg/kg	5.0	92.7	30	40 - 140			
Endrin	MS	1521506-43	ND	0.0044821	0.0050676	mg/kg		88.4		50 - 150			
	MSD	1521506-43	ND	0.0047713	0.0049505	mg/kg	6.3	96.4	30	50 - 150			
Heptachlor	MS	1521506-43	ND	0.0045976	0.0050676	mg/kg		90.7		60 - 140			
	MSD	1521506-43	ND	0.0047076	0.0049505	mg/kg	2.4	95.1	30	60 - 140			
TCMX (Surrogate)	MS	1521506-43	ND	0.0092422	0.010135	mg/kg		91.2		20 - 130			
	MSD	1521506-43	ND	0.0087921	0.0099010	mg/kg	5.0	88.8		20 - 130			
Decachlorobiphenyl (Surrogate)	MS	1521506-43	ND	0.017112	0.020270	mg/kg		84.4		40 - 130			
	MSD	1521506-43	ND	0.019297	0.019802	mg/kg	12.0	97.4		40 - 130			

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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Quality Control Report - Method Blank Analysis

Report ID: 1000407719

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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Quality Control Report - Method Blank Analysis

Report ID: 1000407719

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APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
Watsonville, CA 95076

Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BYJ0862										
Benzene	BYJ0862-BS1	LCS	0.13233	0.12500	mg/kg	106		70 - 130		
Bromodichloromethane	BYJ0862-BS1	LCS	0.12907	0.12500	mg/kg	103		70 - 130		
Chlorobenzene	BYJ0862-BS1	LCS	0.13044	0.12500	mg/kg	104		70 - 130		
Chloroethane	BYJ0862-BS1	LCS	0.14547	0.12500	mg/kg	116		70 - 130		
1,4-Dichlorobenzene	BYJ0862-BS1	LCS	0.12905	0.12500	mg/kg	103		70 - 130		
1,1-Dichloroethane	BYJ0862-BS1	LCS	0.12675	0.12500	mg/kg	101		70 - 130		
1,1-Dichloroethene	BYJ0862-BS1	LCS	0.12829	0.12500	mg/kg	103		70 - 130		
Toluene	BYJ0862-BS1	LCS	0.13668	0.12500	mg/kg	109		70 - 130		
Trichloroethene	BYJ0862-BS1	LCS	0.13389	0.12500	mg/kg	107		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BYJ0862-BS1	LCS	0.052370	0.050000	mg/kg	105		70 - 121		
Toluene-d8 (Surrogate)	BYJ0862-BS1	LCS	0.050300	0.050000	mg/kg	101		81 - 117		
4-Bromofluorobenzene (Surrogate)	BYJ0862-BS1	LCS	0.051700	0.050000	mg/kg	103		74 - 121		



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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

											Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab	Quals	
QC Batch ID: BYJ0862		Used client sample: N											
Benzene	MS	1521506-97	ND	0.12475	0.12500	mg/kg		99.8			70 - 130		
	MSD	1521506-97	ND	0.12843	0.12500	mg/kg	2.9	103	20		70 - 130		
Bromodichloromethane	MS	1521506-97	ND	0.12214	0.12500	mg/kg		97.7			70 - 130		
	MSD	1521506-97	ND	0.12706	0.12500	mg/kg	3.9	102	20		70 - 130		
Chlorobenzene	MS	1521506-97	ND	0.12397	0.12500	mg/kg		99.2			70 - 130		
	MSD	1521506-97	ND	0.12773	0.12500	mg/kg	3.0	102	20		70 - 130		
Chloroethane	MS	1521506-97	ND	0.14434	0.12500	mg/kg		115			70 - 130		
	MSD	1521506-97	ND	0.14763	0.12500	mg/kg	2.3	118	20		70 - 130		
1,4-Dichlorobenzene	MS	1521506-97	ND	0.12105	0.12500	mg/kg		96.8			70 - 130		
	MSD	1521506-97	ND	0.13105	0.12500	mg/kg	7.9	105	20		70 - 130		
1,1-Dichloroethane	MS	1521506-97	ND	0.12149	0.12500	mg/kg		97.2			70 - 130		
	MSD	1521506-97	ND	0.12534	0.12500	mg/kg	3.1	100	20		70 - 130		
1,1-Dichloroethene	MS	1521506-97	ND	0.11670	0.12500	mg/kg		93.4			70 - 130		
	MSD	1521506-97	ND	0.12528	0.12500	mg/kg	7.1	100	20		70 - 130		
Toluene	MS	1521506-97	ND	0.12717	0.12500	mg/kg		102			70 - 130		
	MSD	1521506-97	ND	0.13498	0.12500	mg/kg	6.0	108	20		70 - 130		
Trichloroethene	MS	1521506-97	ND	0.12249	0.12500	mg/kg		98.0			70 - 130		
	MSD	1521506-97	ND	0.12988	0.12500	mg/kg	5.9	104	20		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	MS	1521506-97	ND	0.051560	0.050000	mg/kg		103			70 - 121		
	MSD	1521506-97	ND	0.051420	0.050000	mg/kg	0.3	103			70 - 121		
Toluene-d8 (Surrogate)	MS	1521506-97	ND	0.051800	0.050000	mg/kg		104			81 - 117		
	MSD	1521506-97	ND	0.051690	0.050000	mg/kg	0.2	103			81 - 117		
4-Bromofluorobenzene (Surrogate)	MS	1521506-97	ND	0.052500	0.050000	mg/kg		105			74 - 121		
	MSD	1521506-97	ND	0.052750	0.050000	mg/kg	0.5	106			74 - 121		



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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BYJ1114						
TPH - Diesel (FFP)	BYJ1114-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	BYJ1114-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	BYJ1114-BLK1	72.8	%	20 - 145 (LCL - UCL)		



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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BYJ1114										
TPH - Diesel (FFP)	BYJ1114-BS1	LCS	66.709	84.459	mg/kg	79.0		64 - 124		
Tetracosane (Surrogate)	BYJ1114-BS1	LCS	2.6784	3.4416	mg/kg	77.8		20 - 145		

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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Purgeable Aromatics and Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	
QC Batch ID: BYJ1114		Used client sample: N										
TPH - Diesel (FFP)	MS	1516891-63	ND	67.029	84.175	mg/kg		79.6		52 - 131		
	MSD	1516891-63	ND	71.122	81.967	mg/kg	5.9	86.8	30	52 - 131		
Tetracosane (Surrogate)	MS	1516891-63	ND	2.7037	3.4300	mg/kg		78.8		20 - 145		
	MSD	1516891-63	ND	2.7213	3.3400	mg/kg	0.6	81.5		20 - 145		



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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Total Concentrations (TTLIC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BYJ1059						
Arsenic	BYJ1059-BLK1	ND	mg/kg	0.50	0.17	
Cadmium	BYJ1059-BLK1	ND	mg/kg	0.25	0.048	
Chromium	BYJ1059-BLK1	ND	mg/kg	0.75	0.25	
Lead	BYJ1059-BLK1	ND	mg/kg	0.25	0.12	
Nickel	BYJ1059-BLK1	ND	mg/kg	0.50	0.11	
Zinc	BYJ1059-BLK1	ND	mg/kg	1.3	0.50	

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APPENDIX E



Weber, Hayes & Associates
120 Westgate Drive
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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Total Concentrations (TTLIC)

Quality Control Report - Laboratory Control Sample

								Control Limits		Lab
Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Quals
QC Batch ID: BYJ1059										
Arsenic	BYJ1059-BS1	LCS	25.399	25.000	mg/kg	102		75 - 125		
Cadmium	BYJ1059-BS1	LCS	10.045	10.000	mg/kg	100		75 - 125		
Chromium	BYJ1059-BS1	LCS	9.9958	10.000	mg/kg	100		75 - 125		
Lead	BYJ1059-BS1	LCS	23.842	25.000	mg/kg	95.4		75 - 125		
Nickel	BYJ1059-BS1	LCS	25.076	25.000	mg/kg	100		75 - 125		
Zinc	BYJ1059-BS1	LCS	25.416	25.000	mg/kg	102		75 - 125		



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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Total Concentrations (TTLIC)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab	Quals
QC Batch ID: BYJ1059		Used client sample: Y - Description: EB-1A, 10/08/2015 00:00										
Arsenic	DUP	1525741-01	3.9528	3.8778		mg/kg	1.9		20			
	MS	1525741-01	3.9528	28.730	25.000	mg/kg		99.1		75 - 125		
	MSD	1525741-01	3.9528	28.485	25.000	mg/kg	0.9	98.1	20	75 - 125		
Cadmium	DUP	1525741-01	0.29000	0.29275		mg/kg	0.9		20			
	MS	1525741-01	0.29000	9.9490	10.000	mg/kg		96.6		75 - 125		
	MSD	1525741-01	0.29000	10.179	10.000	mg/kg	2.3	98.9	20	75 - 125		
Chromium	DUP	1525741-01	19.925	23.904		mg/kg	18.2		20			
	MS	1525741-01	19.925	29.966	10.000	mg/kg		100		75 - 125		
	MSD	1525741-01	19.925	30.748	10.000	mg/kg	2.6	108	20	75 - 125		
Lead	DUP	1525741-01	7.4210	7.7365		mg/kg	4.2		20			
	MS	1525741-01	7.4210	30.348	25.000	mg/kg		91.7		75 - 125		
	MSD	1525741-01	7.4210	30.359	25.000	mg/kg	0.0	91.8	20	75 - 125		
Nickel	DUP	1525741-01	13.047	13.354		mg/kg	2.3		20			
	MS	1525741-01	13.047	33.432	25.000	mg/kg		81.5		75 - 125		
	MSD	1525741-01	13.047	33.878	25.000	mg/kg	1.3	83.3	20	75 - 125		
Zinc	DUP	1525741-01	41.744	42.704		mg/kg	2.3		20			
	MS	1525741-01	41.744	68.185	25.000	mg/kg		106		75 - 125		
	MSD	1525741-01	41.744	68.452	25.000	mg/kg	0.4	107	20	75 - 125		



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Reported: 10/15/2015 16:52
Project: Misc.
Project Number: Cap-Monterey Skate ESA Plug / 2X535
Project Manager: Pat Hoban

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A10	Detection and quantitation limits were raised due to matrix interference.
A52	Chromatogram not typical of diesel.