



AEI Consultants

Environmental & Engineering Services

November 10, 2015

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Property Identification:

Carlos Street at Sierra Street
Moss Beach, San Mateo County, California 94038

AEI Project No. 350428

Prepared for:

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Environmental & Engineering Due Diligence

Site Investigation & Remediation

Energy Performance & Benchmarking

Industrial Hygiene

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National Presence

Regional Focus

Local Solutions

PROJECT SUMMARY

Carlos Street at Sierra Street Carlos Street at Sierra Street, Moss Beach, San Mateo County, California

Report Section		No Further Action	REC	CREC	HREC	Other Environmental Considerations	Recommended Action
2.1	Site Location and Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2	Site and Vicinity Characteristics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.1	Historical Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.0	Regulatory Agency Records Review	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sampling near historic incinerator, drill field
5.0	Regulatory Database Records Review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.2	Vapor Migration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.3	Previous Reports and Other Provided Documentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.0	Site Reconnaissance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.2	Adjacent Site Reconnaissance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.1	Asbestos-Containing Materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.2	Lead-Based Paint	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil sampling near historic former sustenance and other building(s)
8.3	Radon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.4	Lead in Drinking Water	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.5	Mold	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

LIST OF COMMONLY USED ACRONYMS

AST	Aboveground Storage Tank
AUL	Activity and Use Limitation
APCD	Air Pollution Control District
AHERA	Asbestos Hazard Emergency Response Act
AQMD	Air Quality Management District
ACM	Asbestos-Containing Material
APN	Assessor's Parcel Number
ASTM	American Society for Testing and Materials
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene and Xylenes
COC	Contaminant of Concern
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
CREC	Controlled Recognized Environmental Condition
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
HAZNET	Facility and Manifest Data
GPR	Ground-Penetrating Radar
HWS	Hazardous Waste Site
HVAC	Heating, Ventilation and Air Conditioning
HREC	Historical Recognized Environmental Condition
LLP	Landowner Liability Protection
LQG	Large Quantity Generator
LBP	Lead-Based Paint
LCP	Lead Containing Paint
LUST	Leaking Underground Storage Tank
MSDS	Material Safety Data Sheet
MCL	Maximum Contaminant Level
MTBE	Methyl Tertiary Butyl Ether
µg/L	Micrograms per Liter
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
NESHAP	National Emission Standards for Hazardous Air Pollutants
NPL	National Priorities List
NFA	No Further Action
ND	None Detected
NOV	Notice of Violation
NTC	Notice to Comply
O&M	Operations and Maintenance
OSHA	Occupational Safety and Health Administration
ppb	Parts per Billion
ppm	Parts per Million
PCE	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene, PERC
PTO	Permit to Operate
pCi/L	PicoCuries per Liter
PCB	Polychlorinated Biphenyl
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RP	Responsible Party
SVOC	Semi-Volatile Organic Compound
SQG	Small Quantity Generator
SLIC	Spills, Leaks, Investigation, and Cleanup
TPH	Total Petroleum Hydrocarbons
TPHd	Total Petroleum Hydrocarbons (diesel range)
TPHg	Total Petroleum Hydrocarbons (gasoline range)
TPHo	Total Petroleum Hydrocarbons (oil range)
TRPH	Total Recoverable Petroleum Hydrocarbons
TCE	Trichloroethylene, Trichloroethene
UST	Underground Storage Tank
USDA	United States Department of Agriculture
USGS	United States Geological Survey
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by MidPen Housing Corporation to conduct a Phase I ESA in conformance with our proposal and the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property referenced in the table below. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5 and 1.6 of this report.

PROPERTY DESCRIPTION

PROPERTY INFORMATION	
Property Name	Carlos Street at Sierra Street
Street Address(es)	Carlos Street at Sierra Street
City	Moss Beach
State	California
Location	Approximately 100 feet northeastern corner of the intersection of Carlos Street and Sierra Street
Vicinity Characteristics	Residential
Approximate Site Acreage/Source	10.8 Acres / Site-contact provided information
Property Type	Vacant
Subject Property Use(s)	Vacant
Assessor Parcel Number(s)	037-022-070
SITE AND BUILDING INFORMATION	
Number of Buildings	0
Year(s) of Construction	N/A
Number of Floors/Stories	N/A
Basement or Subgrade Area(s)	N/A
Number of Units	N/A
Building Area (SF)/Source	N/A
Building Description(s)	N/A
Building Occupant(s)	N/A
Additional Improvements	Old building foundations (Two water tanks and associated operational building are presumed to not be a part)
Current On-site Operations	None
Current Use of Hazardous Substances	None identified
UTILITY PROVIDER INFORMATION	
Natural Gas Provider	N/A
Electricity Provider	N/A
Heating System Fuel Source	N/A
Cooling System Power Source	N/A
Potable Water Provider or Source	N/A
Sewage Disposal Provider or Treatment System	N/A
REGULATORY INFORMATION	
Regulatory Database Listings	None identified
Institutional Controls	None identified
Engineering Controls	None identified
Environmental Liens	None identified

Based on a review of historical sources, the subject property was identified to exist as part of a larger World War II training area circa 1945. Military buildings on the property included barracks, offices, a mess hall, a library, a garage, a boiler room, an incinerator, a "TDD hanger" and a drill field. After the war was over the mess hall building was converted into a grammar school. However it was abandoned when a new school site was built (date unknown). By the late 1960s the property was used as a training ground for firefighters. Sometime between 1968 and 1970 a controlled burn got out of hand and burned what remained of buildings on the subject property to the ground, leaving only concrete foundations. Since at least 1970, the subject property has been vacant; however the old building foundations remain onsite. The water tanks and associated building are presumed to be off-site for purposes of this report.

The immediately surrounding properties consist of the following:

Direction from Site	Tenant/Use (Address)	Regulatory Database Listing(s)
Northeast	Montara Creek followed by residences (297 and 300 16 th Street)	N/A
Southeast	Lincoln Street followed by vacant land and residences (no address and 840-880 Lincoln Street, and 500-501 Buena Vista Street)	N/A
South	Sierra Street followed by residences (400-534 Sierra Street, 495 Stetson Street)	N/A
West	A residence (1993 Carlos Street)	N/A
Northwest	Vacant land (no address)	N/A

Please refer to Section 5.1 for discussion of adjacent sites listed in the regulatory database as noted above.

Based upon topographic map interpretation, the groundwater flow beneath the subject property is inferred to flow to the west-southwest. Based on groundwater monitoring data for a nearby site at 619 Stetson Street (located approximately 0.15 mile southeast of the subject property) obtained from Geotracker, groundwater is presumed to be present at an estimated depth of 10-14 feet below ground surface (bgs).

FINDINGS

Recognized Environmental Condition (REC) is defined by the ASTM Standard Practice E1527-13 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. AEI’s assessment has revealed the following RECs associated with the subject property or nearby properties:

- Mr. David Cresson of the Half Moon Bay History Association was able to provide a map from 1945 detailing the buildings on the subject property at that time. Buildings on site include a “sustenance building” or mess hall, barracks, offices, a garage, a boiler room, a water tower, a water tank, a pump house, loading sheds, a library, a “T.D.D. hangar” and an incinerator. Additionally, the northeastern corner of the subject property is labelled as a “drill field”. Mr. Cresson did not provide any documentation regarding any subject property uses prior or subsequent to the military training base.

Historically, the onsite incinerator may have been used to burn refuse or waste, without regard for the chemical composition of the substances being burned. No records were found during the course of this assessment detailing what substances were burned at the incinerator. As such, there may be toxic residues in onsite soils associated with the combustion of military or other wastes. Likewise, no records were found during the course of this assessment regarding the exact use of the historic drill field. Considering that the site was a military training ground, the drill field may have been used for exercises that involved weaponry. There may be lead-containing or other residues onsite from cartridges or munitions related to historic military training activities.

Based on this information, the historical presence of an incinerator and military drill field onsite represent a recognized environmental condition. AEI recommends surface and subsurface sampling in the vicinity of the historic incinerator and drill field.

- Although the subject property is currently vacant and lacks structures, buildings previously present on the subject property (constructed circa 1945) likely included LBP. LBP residues may be present in soils, around buildings that burned as well as others depending on maintenance and painting practices. Interviews and aerial photographs indicate that the military “sustenance building” on the property burned to the ground in 1969. As the property is under consideration for residential development, the potential presence of LBP residues in soils at the subject property represents a recognized environmental condition (REC). AEI recommends sampling in the vicinity of the former buildings.

Controlled Recognized Environmental Condition (CREC) is defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. AEI’s assessment has revealed the following CRECs associated with the subject property or nearby properties:

- AEI did not identify evidence of on-site CRECs during the course of this assessment.

Historical Recognized Environmental Condition (HREC) is defined by the ASTM Standard Practice E1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. AEI’s assessment has revealed the following HRECs associated with the subject property or nearby properties:

- AEI did not identify evidence of on-site HRECs during the course of this assessment.

Other Environmental Considerations warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice E1527-13. These include, but are not limited to, de minimis conditions and/or environmental considerations such as the presence of ACMs, LBP, radon, mold, and lead in drinking water, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the subject property. AEI’s assessment has revealed the following environmental considerations associated with the subject property or nearby properties:

- Documentation of two domestic wells located on the property was provided by San Mateo County Environmental Health Department. These wells were not observed at the time of the site visit and have reportedly been “sealed” however it was unclear if they were properly abandoned. Based on the domestic nature of the wells, they are not expected to represent a significant environmental concern. However if they are not intended for use, they should be abandoned in accordance with applicable regulations.
- The subject property was historically utilized for military barracks and training as well as firefighter training. There is potential for undocumented subsurface features, such as underground storage tanks, or storage shelters, as well as undocumented above ground activities such as vehicle maintenance or waste storage that may have impacted the subsurface. As such and since the property is under consideration for residential development, it may be prudent to perform testing to rule out a widespread release. Further, given the potential for yet unidentified features or conditions of environmental concern to be encountered during development, implementation of an environmental Site Management Plan would also be prudent.

CONCLUSIONS, OPINIONS AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) of Carlos Street at Sierra Street In the City of Moss Beach, San Mateo County, California, the *subject property*. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5 and 1.6 of this report.

AEI did not identify evidence of RECs or CRECs in connection with the property except for those previously identified in the Findings section. AEI recommends sampling investigation of the historic incinerator, drill field area, and former building areas to assess potential impacts as discussed above.

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1.0 INTRODUCTION

This report documents the methods and findings of the Phase I ESA performed in conformance with the proposal and scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at Carlos Street at Sierra Street in the City of Moss Beach, San Mateo County, California (Figure 1: Topographic Map, Figure 2: Site Map, and Appendix A: Property Photographs).

1.1 SCOPE OF WORK

The purpose of the Phase I ESA is to assist the client in identifying potential RECs, in accordance with ASTM E1527-13, associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

1.2 ADDITIONAL SERVICES

Other environmental considerations such as ACMs, LBP, lead in drinking water, radon, mold, and wetlands can result in business environmental risks for property owners which may disrupt current or planned operations or cash flow and are generally beyond the scope of a Phase I assessment as defined by ASTM E1527-13. Based upon the agreed-on scope of services this ESA did not include subsurface or other invasive assessments, business environmental risks, or other services not specifically identified and discussed herein.

1.3 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI in this report. AEI relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. AEI has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, AEI cannot guarantee the thoroughness or reliability of this information.

Groundwater flow, unless otherwise specified by on-site well data or well data from the subject property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. AEI assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

1.4 LIMITATIONS

Property conditions, as well as local, state, tribal and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this assessment apply strictly to the environmental regulations and property conditions existing at the time the assessment was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the assessment.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: ACMs, radon, LBP, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-13.

If requested by the client, these non-scope issues are discussed herein. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under CERCLA. ASTM Standard Practice E1527-13 and the United States EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

- 1) 42 U.S.C. § 9601(35) (B), referenced in the ASTM Standard Practice E1527-13.
- 2) Sections 101(35) (B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).
- 3) 42 U.S.C. § 9601(40) and 42 U.S.C. § 9607(q).

The Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of assessment into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the property reconnaissance.

Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

1.5 LIMITING CONDITIONS/DEVIATIONS

The performance of this Phase I ESA was limited by the following conditions:

- The User did not complete the ASTM User questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.
- Due to the size of the subject property, AEI performed a site inspection of the property utilizing a field technique of traversing the site in an attempt to provide an overlapping field of view. Due to the size of the property and the vegetation present on site, isolated areas of the site may have not been accessible for direct observation during AEI’s inspection. Based on the vacant nature of the property and the quality of information from other sources, this limitation is not expected to significantly alter the Findings of this assessment.
- No physical address for the subject property has been provided to or identified by AEI during the course of this assessment. A physical address is often utilized in the historical research process in order to identify any address-specific information, such as regulatory and enforcement actions. However, based on the reliability of other data sources, the lack of a physical address is not expected to significantly alter the findings of this assessment.

1.6 DATA GAPS AND DATA FAILURE

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property’s first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

1.6.1 DATA FAILURE

AEI did not identify evidence of data failure during the course of this assessment.

The following data failure was identified during the course of this assessment:

<p>Data Failure</p>	<p>The earliest historical resource obtained during this assessment was a map from 1945. The lack of historical sources for the subject property dating back to first developed use represents historical data source failure.</p> <p>In the 1945 map the subject property appears as part of a military training base. Thus, it is assumed that prior to 1945 the subject property would have been used for military training purposes, if not undeveloped. Therefore, this data failure is not expected to significantly alter the Findings of this assessment.</p>
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Information/ Sources Consulted	Half Moon Bay History Association records, aerial photographs
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1.6.2 DATA GAPS

AEI did not identify significant data gaps which affected our ability to identify RECs.

1.7 RELIANCE

All reports, both verbal and written, are for the benefit of MidPen Housing Corporation. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with AEI’s Proposal and Standard Terms and Conditions executed by MidPen Housing Corporation on October 23, 2015. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI’s liability to the client and all relying parties.

2.0 SITE AND VICINITY DESCRIPTION

2.1 SITE LOCATION AND DESCRIPTION

PROPERTY INFORMATION	
Property Name	Carlos Street at Sierra Street
Street Address(es)	Carlos Street at Sierra Street
City	Moss Beach
State	California
Location	Approximately 100 feet northeastern corner of the intersection of Carlos Street and Sierra Street
Vicinity Characteristics	Residential
Approximate Site Acreage/Source	10.8 Acres / Site-contact provided information
Property Type	Vacant
Subject Property Use(s)	Vacant
Assessor Parcel Number(s)	037-022-070
SITE AND BUILDING INFORMATION	
Number of Buildings	0
Year(s) of Construction	N/A
Number of Floors/Stories	N/A
Basement or Subgrade Area(s)	N/A
Number of Units	N/A
Building Area (SF)/Source	N/A
Building Description(s)	N/A
Building Occupant(s)	N/A
Additional Improvements	Old building foundations (Two water tanks and associated operational building)
Current On-site Operations	None
Current Use of Hazardous Substances	None identified
UTILITY PROVIDER INFORMATION	
Natural Gas Provider	N/A
Electricity Provider	N/A
Heating System Fuel Source	N/A
Cooling System Power Source	N/A
Potable Water Provider or Source	N/A
Sewage Disposal Provider or Treatment System	N/A
REGULATORY INFORMATION	
Regulatory Database Listings	None identified
Institutional Controls	None identified
Engineering Controls	None identified
Environmental Liens	None identified

Refer to Figure 1: Topographic Map, Figure 2: Site Map and Appendix A: Property Photographs for site location and description.

2.2 SITE AND VICINITY CHARACTERISTICS

The immediately surrounding properties consist of the following:

Direction from Site	Tenant/Use (Address)	Regulatory Database Listing(s)
Northeast	Montara Creek followed by residences (297 and 300 16 th Street)	N/A
Southeast	Lincoln Street followed by vacant land and residences (no address and 840-880 Lincoln Street, and 500-501 Buena Vista Street)	N/A
South	Sierra Street followed by residences (400-534 Sierra Street, 495 Stetson Street)	N/A
West	A residence (1993 Carlos Street)	N/A
Northwest	Vacant land (no address)	N/A

Please refer to Section 5.1 for discussion of adjacent sites listed in the regulatory database as noted above.

2.3 PHYSICAL SETTING

Geology: Based on a review of the USDA Soil Survey for the area of the subject property, the soils in the vicinity of the subject property are classified as the Typic Argiustolls, loamy-Urban land association series. Soils from this series are characterized as a sandy clay loam on the toe slope tread of a fluvio-marine terrace land formation. These soils have moderate ability to transmit and store water and are composed of coastal alluvium derived from sedimentary rock.	
USGS Topographic Map:	Montara Mountain OE W, California 2015 Quadrangle
Nearest surface water to subject property:	Montara Creek/Adjacent North
Gradient Direction/Source:	west-southwest/topographic map interpretation
Estimated Depth to Groundwater/Source:	10-14 feet bgs/groundwater monitoring data from the site at 619 Stetson Street (located approximately 0.15 mile southeast of the subject property), obtained on Geotracker

Note: Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

3.0 HISTORICAL REVIEW OF SITE AND VICINITY

3.1 HISTORICAL SUMMARY

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-13 were used to determine previous uses and occupancies of the subject property that are likely to have led to RECs in connection with the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historical city directories, Sanborn fire insurance maps and agency records is as follows:

Date Range	Subject Property Description/Use	Source(s)
Circa 1945	World War II military training facility	Half Moon Bay History Association records, aerial photographs
late 1940s to unknown time pre 1960s	Grammar School	Interviews with Half Moon Bay History Association, aerial photographs
Unknown time pre 1960s to late 1960s	Firefighter training ground	Interviews with Half Moon Bay History Association, aerial photographs
~1970-present	Vacant land	Interviews with Half Moon Bay History Association, aerial photographs, site observations, interviews with representative of current owner

Based on a review of historical sources, the subject property was identified to exist as part of a larger World War II training area circa 1945. Military buildings on the property included barracks, offices, a mess hall, a library, a garage, a boiler room, an incinerator, a "TDD hanger" and a drill field. After the war was over the mess hall building was converted into a grammar school. However it was abandoned when a new school site was built (date unknown). By the late 1960s the property was used as a training ground for firefighters. Sometime between 1968 and 1970 a controlled burn got out of hand and burned what remained of buildings on the subject property to the ground, leaving only concrete foundations. Since at least 1970, the subject property has been vacant; however the old building foundations remain onsite. The water tanks and associated building are presumed to be off-site for purposes of this report.

Environmental concerns associated with historic military uses of the subject property are discussed in Section 4.1.7.

3.2 AERIAL PHOTOGRAPH REVIEW

AEI reviewed aerial photographs of the subject property and surrounding area. Aerial photographs were reviewed for the following years:

Year(s)	Subject Property Description	Adjacent Site Descriptions
1946	The subject property is developed with military buildings, reflective of the 1945 map provided by the Half Moon Bay History Association (see Section 4.1.7)	Northeast: Montara Creek followed by vacant land Southeast: Vacant land South: Vacant land West: Vacant land (part of the military site) Northwest: Vacant land Water Tank Parcel: and water supply towers pump house, and tank
1956, 1968	Buildings in the northwestern portion of the subject property remain unchanged. It appears that buildings in the central and southeastern portion of the subject property no longer exist.	Northeast: Montara Creek followed by vacant land by a residence Southeast: No significant changes South: No significant changes West: No significant changes Northwest: No significant changes Water Tank Parcel: No significant changes
1970	Roads and building foundations on the subject property are still seen; however all buildings.	Northeast: No significant changes Southeast: No significant changes South: No significant changes West: No significant changes Northwest: No significant changes Water Tank Parcel: Water supply features are gone
1983, 1993, 2005	No significant changes	Northeast: No significant changes Southeast: Vacant land and several residences South: Residences West: No significant changes Northwest: No significant changes Water Tank Parcel: No significant changes
2014	The subject property consists of vacant land	Northeast: No significant changes Southeast: No significant changes South: No significant changes West: No significant changes Northwest: No significant changes Water Tank Parcel: Two water tanks and associated out-building

Environmental concerns associated with historic military uses of the subject property are discussed in Section 4.1.7.

3.3 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made of the Environmental Risk Information Services (ERIS) collection of Sanborn Fire Insurance maps.

Sanborn map coverage was not available for the subject property.

If available, copies of historical Sanborn maps are provided in the report appendices.

3.4 CITY DIRECTORIES

A search of historical city directories was conducted for the subject property by ERIS. However, no physical address for the subject property has been provided to or identified by AEI during the course of this assessment. As such, the city directory search did not yield any information regarding historical uses of the subject property.

If available, copies of historical city directories are provided in the report appendices.

3.5 HISTORICAL TOPOGRAPHIC MAPS

On October 28, 2014, AEI searched for historical topographic maps on historicalaerials.com as well as on the USGS topographic map website in attempt to resolve data failure prior to 1945. Unfortunately, no topographic maps dated prior to 1947 were available. As such, historical topographic maps were not reviewed as part of this assessment.

3.6 CHAIN OF TITLE

In accordance with our approved scope of services, a chain of title search was not performed as part of this assessment.

4.0 REGULATORY AGENCY RECORDS REVIEW

4.1 REGULATORY AGENCIES

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous substance use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to AULs, defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1.1 LOCAL ENVIRONMENTAL HEALTH DEPARTMENT AND/OR STATE ENVIRONMENTAL AGENCY

On October 29, 2015, AEI contacted the San Mateo County Environmental Health Department via online form for information on the subject property. Files at this agency may contain information regarding hazardous substance storage and use, underground storage tanks, unauthorized releases of petroleum hydrocarbons or other contaminants that may affect the soil or groundwater in the area, wells and/or septic systems.

AEI spoke with Ms. Sheila Arkoneel, Office Assistant II who indicated that evidence of current or prior use or storage of hazardous substances or groundwater contamination was not on file for the subject property with the SMCEHD.

Ms. Arkoneel did, however, provide documentation of two domestic wells on the property. These wells were not observed at the time of the site visit and have reportedly been "sealed" however it was unclear if they were properly abandoned. Based on the domestic nature of the wells, they are not expected to represent a significant environmental concern. However if they are not intended for use, they should be abandoned in accordance with applicable regulations.

4.1.2 FIRE DEPARTMENT

On October 28, 2015, AEI contacted the Coast side Fire Protection District via telephone for information on the subject property to identify any evidence of previous or current hazardous substance usage, and/or for any historical information available for the subject property.

AEI spoke with Ms. Michelle Ortiz, Office Technician, who indicated that evidence of current or prior use or storage of hazardous substances was not on file for the subject property with the Fire Department.

4.1.3 BUILDING DEPARTMENT

On October 28, 2015, AEI contacted the San Mateo County Building Department (SMCBD) via telephone for information on the subject property in order to identify historical tenants, features of concern and property use. SMCBD staff stated that permits can be search for using the APN number online. However an online search with the APN number yielded no results.

4.1.4 PLANNING DEPARTMENT

On October 28, 2015, AEI contacted the San Mateo County Planning Department via telephone for information on the subject property in order to identify AULs associated with the subject property.

AEI spoke with Ms. Angela Chavez, Planner, who indicated that evidence indicating the existence of AULs was not on file for the subject property with the department. Additionally Ms. Chavez confirmed that the subject property has no address, and is zoned for residential use.

4.1.5 COUNTY ASSESSOR OFFICE

On October 28, 2015, AEI contacted the San Mateo County assessor's office via website visit for information on the subject property in order to determine the earliest recorded date of development and use.

According to the San Mateo County assessor's website, the subject property APN number is 037-022-070. No further information was provided on the assessor's website.

4.1.6 OIL AND GAS WELLS/PIPELINES

On October 28, 2015, AEI reviewed the California Department of Oil, Gas, and Geothermal Resources (DOGGR) maps concerning the subject property and nearby properties. The maps contain information regarding oil and gas development.

According to the DOGGR map, oil or gas wells are not located within 500 feet of the subject property. AEI did not identify evidence of environmental concerns during the map review.

4.1.7 OTHER AGENCIES SEARCHED

On October 28, 2015, AEI visited the Hazardous Waste Tracking System (HWTS) online database maintained by the **Department of Toxic Substances Control (DTSC)** for information regarding documented hazardous wastes generated at the subject property.

No information indicating the generation of hazardous wastes was on file for the subject property with the DTSC.

On October 28, 2015, AEI visited the **Regional Water Quality Control Board's (RWQCB's)** GeoTracker Website for information on the subject property to identify any evidence of unauthorized releases of hazardous materials to the groundwater. Cases typically handled by the RWQCB include releases from USTs.

No information indicating any release of hazardous materials on the subject property was found on the GeoTracker website.

On October 28, 2015, AEI visited the **Envirostor** online database maintained by the **Department of Toxic Substances Control (DTSC)** for information regarding documented hazardous wastes releases and cleanup sites at the subject property.

No information indicating any release of hazardous materials on the subject property was found on the Envirostor website.

On October 30, 2015, AEI contacted the Half Moon Bay History Association via telephone for historical information on the uses of the subject property.

AEI spoke with Mr. David Cresson, who stated that the subject property was used as a World War II military training site. He stated that after the war, the property was handed over for use as a grammar school. Later, a new school was built off-site, and the subject property was used to conduct training for local firefighters. In the late 1960s a controlled burn got out of hand, and all buildings left on the subject property burned to the ground, leaving only foundations. Since then, the subject property has laid vacant. He stated that he did not know when the site began being used for military training, and stated that before this development the subject property "would not have been used for anything besides farming".

Mr. David Cresson was able to provide a map from 1945 detailing the buildings on the subject property at that time. Buildings on site include a "sustenance building" or mess hall, barracks, offices, a garage, a boiler room, a water tower, a water tank, a pump house, loading sheds, a library, a "T.D.D. hangar" and an incinerator. Additionally, the northeastern corner of the subject property is labelled as a "drill field". Mr. Cresson did not provide any documentation regarding any subject property uses prior or subsequent to the military training base.

Historically, the onsite incinerator may have been used to burn refuse or waste, without regard for the chemical composition of the substances being burned. No records were found during the course of this assessment detailing what substances were burned at the incinerator. As such, there may be toxic residues in onsite soils associated with the combustion of military wastes. Likewise, no records were found during the course of this assessment regarding the exact use of the historic drill field. Considering that the site was a military training ground, the drill field may have been used for exercises that involved weaponry. There may be lead-containing residues onsite from cartridges or gunpowder related to historic military training activities.

Based on this information, the historical presence of an incinerator and military drill field onsite represent a recognized environmental condition. AEI recommends subsurface sampling in the vicinity of the historic incinerator and drill field.

A copy of the military map is provided in the appendices.

4.1.8 STATE ENVIRONMENTAL SUPERLIENS AND PROPERTY TRANSFER LAWS

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state environmental superliens and/or property transfer laws.

5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted Environmental Risk Information Service (ERIS) to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Data gathered during the current regulatory database search is compiled by ERIS into one regulatory database report. Location information for listed sites is designated using geocoded information provided by federal, state or local agencies and commonly used mapping databases with the exception of "Orphan" sites. Due to poor or inadequate address information, Orphan sites are identified but not geocoded/mapped by ERIS, rather, information is provided based upon vicinity zip codes, city name, and state. The number of listed sites identified within the approximate minimum search distance from the federal and state environmental records database listings specified in ASTM Standard E1527-13 is summarized in Section 5.1, along with the total number of Orphan sites. A copy of the regulatory database report is included in Appendix B of this report.

The subject property was not identified in the regulatory databases reviewed.

In determining if a listed site is a potential environmental concern to the subject property, AEI generally applies the following criteria to classify the site as lower potential environmental concern: 1) the site only holds an operating permit (which does not imply a release), 2) the site's distance from, and/or topographic position relative to, the subject property, and/or 3) the site has recently been granted "No Further Action" by the appropriate regulatory agency.

5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Subject Property Listed	Number of Listings within Search Distance	Recognized Environmental Condition or Other Environmental Consideration (Yes or No)
NPL	1	No	0	
DELISTED NPL	0.5	No	0	
CERCLIS	0.5	No	0	
CERCLIS NFRAP	0.5	No	0	
RCRA CORRACTS	1	No	0	
RCRA-TSDF	0.5	No	0	
RCRA LQG, SQG, CESQGs, VGN, NLR	SP/ADJ	No	0	
US ENG CONTROLS	SP	No	0	
US INST CONTROLS	SP	No	0	
ERNS	SP	No	0	

Database	Search Distance (Miles)	Subject Property Listed	Number of Listings within Search Distance	Recognized Environmental Condition or Other Environmental Consideration (Yes or No)
STATE/TRIBAL HWS	1	No	0	
STATE/TRIBAL SWLF	0.5	No	0	
STATE/TRIBAL REGISTERED STORAGE TANKS	SP/ADJ	No	0	
STATE/TRIBAL LUST	0.5	No	2	No
STATE/TRIBAL EC and IC	SP	No	0	
STATE/TRIBAL VCP	0.5	No	0	
STATE/TRIBAL BROWNFIELD	0.5	No	0	
ORPHAN	N/A	No	19	No; none of the identified orphan sites are located in the immediate vicinity (500-feet) of the subject property, and/or based upon the distance and relative gradient, the sites are not expected to represent a significant environmental concern.
ADDITIONAL ENVIRONMENTAL RECORD SOURCES	SP/ADJ	No	0	

SP: subject property
 ADJ: adjacent property

5.2 VAPOR MIGRATION

AEI reviewed reasonably ascertainable information for the subject and nearby properties, including a regulatory database, files for nearby release sites, and/or historical documentation, to determine if potential vapor-phase migration concerns may be present which could impact the subject property.

Based on a review of available resources as documented in this report, AEI did not identify significant on-site concerns and/or regulated listings from nearby sites which suggest that a vapor-phase migration concern currently exists at the subject property.

6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-13, the following interviews were performed during this assessment in order to obtain information indicating RECs in connection with the subject property.

6.1.1 INTERVIEW WITH OWNER

The subject property is owned by the California School Employees Association (CSEA). Mr. Roy Ramos, Facilities Director of the CSEA, and acting as representative for the subject property owner, was contacted via telephone on November 3, 2015. Mr. Ramos has been associated with the subject property since 2000. Mr. Ramos stated that the CSEA has owned the property since at least 1969, but has never used it for anything. He stated that although the CSEA has tried to work with outside companies to develop the property for residential use, past attempts have not been successful. He stated that he regularly has vegetation and debris removed from the property, but knows of no other activities onsite.

Mr. Ramos was asked if he was aware of any of the following:

Any knowledge of USTs, clarifiers or oil/water separators, sumps, or other subsurface features.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any knowledge of previous environmental investigations conducted on site.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any knowledge of current or past industrial operations and/or other operations which would involve the use of hazardous substances and/or petroleum products.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any known plans for site redevelopment or change in site use.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality.	N/A

6.1.2 INTERVIEW WITH KEY SITE MANAGER

The key site manager, Mr. Jeff Aguilar, Associate at CBRE Brokerage Services, was contacted via telephone on October 28, 2015. Mr. Aguilar has been associated with the subject property since approximately April 2015. Mr. Aguilar stated that the subject property has been owned by the teachers union since the 1970s but that nothing has ever been done with it. He stated that the property is zoned for residential use due to previous attempts at development, but that no houses have ever been onsite. Mr. Aguilar indicated that the water tanks and building were not part of the subject property. He was not knowledgeable regarding other uses of the subject property and did not know why concrete building pads were onsite.

Mr. Aguilar was asked if he was aware of any of the following:

Any knowledge of USTs, clarifiers or oil/water separators, sumps, or other subsurface features.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any knowledge of previous environmental investigations conducted on site.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any knowledge of current or past industrial operations and/or other operations which would involve the use of hazardous substances and/or petroleum products.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any known plans for site redevelopment or change in site use.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality.	N/A

6.1.3 PAST OWNERS, OPERATORS AND OCCUPANTS

In attempt to interview past owners, operators and occupants regarding historical on-site operations, AEI requested the contact information for these entities from the representative of the current subject property owner, Mr. Roy Ramos. Mr. Ramos was unable to provide the contact information for the past owners, operators and occupants. Other methods of researching the contact information for past owners, operators and occupants are performed by AEI when a data gap is encountered and/or if an item of environmental concern is identified for the subject property, which includes reviewing historical agency records and/or online research, none of which were encountered during the course of this investigation. As such, interviews with past owners, operators and occupants regarding historical on-site operations were not reasonably ascertainable.

6.1.4 INTERVIEW WITH OTHERS

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this section.

Additionally, AEI interviewed two unnamed neighbors during the site visit. The neighbors indicated that the subject property was an “old World War II military training center”.

6.2 USER PROVIDED INFORMATION

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to ASTM E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the Environmental Professional. The responsibility for qualifying for LLPs by conducting the inquiries ultimately rests with the User, and providing the information to the Environmental Professional would be prudent if such information is available.

The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.

6.2.1 ENVIRONMENTAL LIENS

In accordance with our approved scope of services, AEI contracted AFX Research LLC to perform an environmental lien search for the subject property.

According to AFX Research LLC, environmental liens were not identified during the review of historical ownership documentation. A copy of AFX Research LLC's report is provided in the appendices.

6.3 PREVIOUS REPORTS AND OTHER PROVIDED DOCUMENTATION

No prior reports or other relevant documentation in association with the subject property was made available to AEI during the course of this assessment.

7.0 SITE RECONNAISSANCE

Site Reconnaissance Date	Site Visit Date
AEI Site Assessor(s)	Lena Chervin
Property Escort(s)/Relationship(s) to Property	Jeff Aguilar/ Key Site Manager
Units/Areas Observed	All areas easily visible
Area(s) not accessed and reason(s)	Areas not visible due to vegetation overgrowth
Weather	Sunny

7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

Yes	No	Observation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous Substance and Petroleum Product Containers Not in Connection with Property Use
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unidentified Substance Containers
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Electrical or Mechanical Equipment Likely to Contain Fluids
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Interior Stains or Corrosion
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Strong, Pungent or Noxious Odors
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pools of Liquid
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Drains, Sumps and Clarifiers
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pits, Ponds and Lagoons
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Stained Soil or Pavement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Stressed Vegetation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solid Waste Disposal or Evidence of Fill Materials
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Waste Water Discharges
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wells
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Septic Systems
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Biomedical Wastes
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other

The subject property is currently unoccupied. However water supply tanks exist on the subject property.

ELECTRICAL OR MECHANICAL EQUIPMENT LIKELY TO CONTAIN FLUIDS

Toxic PCBs were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to United States EPA regulation 40 CFR Part 761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing". Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or

distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

Transformers

Type	Quantity	Owner	Presumed Date of Installation	Spills or Stains Observed	Non-PCB Label
Pole-Mounted	1	PG&E	Unknown	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

Transformers installed prior to 1977 may be PCB containing while transformers installed after 1977 are unlikely to be PCB containing. Federal Regulations (40 CFR 761 Subpart G) require any release of material containing >50 ppm PCB and occurring after May 4, 1987, be cleaned up by the transformer owner following the United States EPA’s PCB spill cleanup policy.

AEI did not observe evidence of spills, staining or leaks on or around the transformer. Based on the good condition of the equipment, the transformer is not expected to represent a significant environmental concern.

DRAINS, SUMPS AND CLARIFIERS

Several drains were observed in association with the water tanks on the subject property. AEI did not observe evidence of hazardous substances or petroleum products in the vicinity of the drains. Based on the use of the drains solely for water runoff, the presence of the drains is not expected to represent a significant environmental concern.

OTHER

General debris was observed on various concrete building foundations at the subject property. While no evidence of hazardous materials was observed among this debris, the debris should be removed as a best management practice.

7.2 ADJACENT PROPERTY RECONNAISSANCE FINDINGS

Yes	No	Observation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous Substances and/or Petroleum Products in Connection with Property Use
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Aboveground and Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous Substance and Petroleum Product Containers and Unidentified Containers Not in Connection with Property Use
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unidentified Substance Containers
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical or Mechanical Equipment Likely to Contain Fluids
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Strong, Pungent or Noxious Odors
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pools of Liquid
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drains, Sumps and Clarifiers
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pits, Ponds and Lagoons

Yes	No	Observation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Stained Soil or Pavement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Stressed Vegetation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solid Waste Disposal or Evidence of Fill Materials
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Waste Water Discharges
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wells
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Septic Systems
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other

ABOVEGROUND/UNDERGROUND HAZARDOUS SUBSTANCE OR PETROLEUM PRODUCT STORAGE TANKS (ASTs / USTs)

AST(s):

Size (gallons)/ Contents	Location	Construction/ Secondary Containment	Product Piping (Aboveground/ Underground)
2 x ~100,000 gallons/ water	Near the southeastern corner of the subject property	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Underground

Two large domestic water supply tanks are located on what appears to be a separate parcel near the southeastern corner of the subject property. Due to the non-hazardous nature of the substance contained within the tanks, the presence of the tanks is not expected to represent a significant environmental concern.

8.0 OTHER ENVIRONMENTAL CONSIDERATIONS

8.1 ASBESTOS-CONTAINING BUILDING MATERIALS

The subject property is currently vacant land or lacks structures. Consequently, AEI did not observe building components likely to contain suspect asbestos containing materials during the site reconnaissance.

8.2 LEAD-BASED PAINT

LBP is defined as any paint, varnish, stain, or other applied coating that has ≥ 1 mg/cm² (5,000 µg/g or 5,000 ppm) of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm² to 2.0 mg/cm². Section 1017 of the Housing and Urban Development (HUD) Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", defines a LBP hazard as "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact LBP on most walls and ceilings would not be considered a "hazard", although the paint should be maintained and its condition monitored to ensure that it does not deteriorate and become a hazard. Additionally, Section 1018 of this law directed HUD and EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, federally owned or subsidized housing is affected by this rule.

LCP is defined as any paint with any detectable amount of lead present in it. It is important to note that LCP may create a lead hazard when being removed. The condition of these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and does not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state or local regulations in regards to LCP.

In buildings constructed after 1978, it is unlikely that LBP is present. Structures built prior to 1978 and especially prior to the 1960s should be expected to contain LBP.

Although the subject property is currently vacant and lacks structures, buildings previously present on the subject property (constructed circa 1945) likely included LBP. If these buildings burned onsite, LBP residues may be present in soils. Interviews and aerial photographs indicate that the military "sustenance building" on the property burned to the ground in 1969. Especially in cases of planned residential development, the potential presence of LBP residues in soils at the subject property represents a recognized environmental condition (REC). AEI recommends subsurface sampling in the vicinity of the former sustenance building.

8.3 RADON

Radon is a naturally-occurring, odorless, invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

The United States EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three radon zones, with Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action Limit of 4.0 pCi/L. It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not requested as part of this assessment. According to the United States EPA, the radon zone level for the area is Zone 2, which has a predicted average indoor screening level between 2 pCi/L and 4 pCi/L equal to or below the action level of 4 pCi/L set forth by the EPA.

8.4 DRINKING WATER SOURCES AND LEAD IN DRINKING WATER

The Montara Water and Sanitary District supplies potable water to the vicinity of the subject property. The most recent water quality report states that 90th percentile lead level in the area's water supply were 6 ppb and therefore are well within standards established by the USEPA.

8.5 MOLD/INDOOR AIR QUALITY ISSUES

The subject property is currently vacant land or lacks structures. Consequently, mold was not addressed as part of this assessment.

9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312.

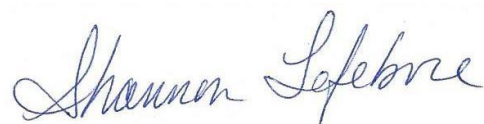
I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Lena Chervin
Associate Consultant

Reviewed By:



Shannon Lefebvre
Senior Author

10.0 REFERENCES

Item	Date(s)	Source
Topographic Map Montara Mountain OE W, California Quadrangle	2015	USGS
Regulatory Database Report	October 2015 (issued)	ERIS
Assessor's Information and Parcel Map	October 2015 (obtained)	San Mateo County Assessor http://www.smcare.org/apps/parcelmaps/default.aspx
Soils Information	October 2015 (obtained)	USDA Web Soil Survey websoilsurvey.nrcs.usda.gov
Radon Zone Information	1993	US EPA Map of Radon Zones epa.gov/radon/zonemap.html
Water Quality Report	2014	Montara Water and Sanitary District http://mwsd.montara.org/documents/links/water-quality
Depth to Groundwater Information	October 2015 (obtained)	Geotracker http://geotracker.waterboards.ca.gov/
Sanborn Map Report	October 2015 (issued)	ERIS
Aerial Photographs	1946, 1956, 1968, 1970, 1983, 1993, 2005, 2014	ERIS
Oil and Gas Wells Information	October 2015 (obtained)	DOGGR http://maps.conservation.ca.gov/doggr/
City Directories	N/A	Haines Criss Cross Directories
Interview	October 30, 2015	Jeff Aguilar/ Key Site Manager
Interview	October 30, 2015	David Cresson/ Representative of the Half Moon Bay History Association
Interview	November	Roy Ramos/ Facilities Director of CSEA and Representative of the Subject Property Owner
Military Map	1945	Half Moon Bay History Association

FIGURES



Site Location



Figure 1: TOPOGRAPHIC MAP
Carlos Street at Sierra Street, Moss Beach, California, 94038
Project Number: 350428





Legend

- Estimated Groundwater Flow Direction
- Approximate Property Boundary
- Approximate Water Tank Parcel

- Approximate Drill Field Boundary
- Approximate Sustenance Building Boundary
- Approximate Incinerator Location



Figure 2: SITE MAP

Carlos Street at Sierra Street, Moss Beach, California, 94038
 Project Number: 350428



APPENDIX A
PROPERTY PHOTOGRAPHS



1. Southern view of the subject property



2. South-southeastern view of the subject property



3. Southern view of the subject property southeastern border



4. Southeastern view of the subject property



5. Eastern view of the subject property



6. View of the northern road on the subject property



7. Northern view of the subject property



8. Northern view of a road that runs from northeast to southwest on the subject property



9. Southern view of the northern-most corner of the subject property



10. View of the road on the northeastern portion of the subject property



11. View of the subject property's northwestern border



12. Northern view of the subject property's southwestern border



13. Southwestern view of the subject property



14. View of water supply tanks on the southern corner of the subject property



15. View of the building associated with the water tanks



16. View of water and utility plates near the tank enclosure



17. View of drains associated with the tanks



18. View of pole-mounted transformer and power lines on the subject property



19. View of a concrete building foundation pad on the subject property



20. View of a concrete building pad with various debris on the subject property



21. View of piles of cut timber on the northwestern corner of the subject property



22. View of a concrete building foundation



23. View of concrete stairs leading up to a concrete building foundation



24. View of large trees on the subject property



25. View of adjacent property to the west: residence (1993 Carlos Street)



26. View of adjacent property to the west: vacant land (no address)



27. Representative view of adjacent properties to the northwest, southeast and south, beyond various streets: residences (pictured: 840-880 Lincoln Street; not pictured: 400-534 Sierra Street, 297-300 16th Street, 500-501 Buena Vista Street, 495 Stetson Street)



28. View of adjacent property to the northeast: vacant land

APPENDIX B
REGULATORY DATABASE



DATABASE REPORT



Project Property: 350428 AC
Carlos Street At Sierra Street
Moss Beach CA 94038
96967

P.O. Number:

Report Type: Database Report + FIMs

Order #: 20151028168

Requested by: AEI Consultants

Date: October 29, 2015

Ecolog ERIS Ltd.
Environmental Risk Information
Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com
www.erisinfo.com

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Executive Summary

Property Information:

Project Property: 350428 AC
Carlos Street At Sierra Street Moss Beach CA 94038

P.O. Number: 96967

Coordinates:

Latitude: 37.53372
Longitude: -122.515985
UTM Northing: 4,154,192.34
UTM Easting: 542,763.01
UTM Zone: UTM Zone 10S

Elevation: 155 FT

Order Information:

Order No.: 20151028168
Date Requested: 30/10/2015
Requested by: AEI Consultants
Report Type: Database Report + FIMs

Ancillary Products:

Aerial Photographs 4-5 Historical Aerials
City Directory Search 1 Street Search
Fire Insurance Maps US Fire Insurance Maps

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1.00	0	0	0	0	0	0
PROPOSED NPL	Y	1.00	0	0	0	0	0	0
DELETED NPL	Y	0.50	0	0	0	0	-	0
CERCLIS	Y	0.50	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.50	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1.00	0	0	0	0	0	0
RCRA TSD	Y	0.50	0	0	0	0	-	0
RCRA GEN	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
FED ENG	Y	0.50	0	0	0	0	-	0
FED INST	Y	0.50	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.50	0	0	0	0	-	0
State								
RESPONSE	Y	1.00	0	0	0	0	0	0
ENVIROSTOR	Y	1.00	0	0	0	0	0	0
SWF/LF	Y	0.50	0	0	0	0	-	0
HWP	Y	1.00	0	0	0	0	0	0
LDS	Y	0.50	0	0	0	0	-	0
LUST	Y	0.50	0	0	1	1	-	2
DLST	Y	0.50	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
HHSS	Y	0.25	0	1	0	-	-	1
LUR	Y	0.50	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HLUR	Y	0.50	0	0	0	0	-	0
DEED	Y	0.50	0	0	0	0	-	0
VCP	Y	1.00	0	0	0	0	0	0
CLEANUP SITES	Y	0.50	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.50	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
County								
ALAMEDA LOP	Y	0.50	0	0	0	0	-	0
ALAMEDA UST	Y	0.25	0	0	0	-	-	0
AMADOR CUPA	Y	0.25	0	0	0	-	-	0
BUTTE CUPA	Y	0.25	0	0	0	-	-	0
CALAVERAS CUPA	Y	0.25	0	0	0	-	-	0
CALAVERAS LF	Y	0.50	0	0	0	0	-	0
CALAVERAS LUST	Y	0.50	0	0	0	0	-	0
COLUSA CUPA	Y	0.25	0	0	0	-	-	0
CONTRACO CUPA	Y	0.25	0	0	0	-	-	0
DELNORTE CUPA	Y	0.25	0	0	0	-	-	0
ELDORADO CUPA	Y	0.25	0	0	0	-	-	0
FRESNO CUPA	Y	0.25	0	0	0	-	-	0
HUMBOLDT CUPA	Y	0.25	0	0	0	-	-	0
IMPERIAL CUPA	Y	0.25	0	0	0	-	-	0
INYO CUPA	Y	0.25	0	0	0	-	-	0
KERN CUPA	Y	0.25	0	0	0	-	-	0
KERN UST	Y	0.25	0	0	0	-	-	0
KINGS CUPA	Y	0.25	0	0	0	-	-	0
LAKE CUPA	Y	0.25	0	0	0	-	-	0
ELSEGUNDO UST	Y	0.25	0	0	0	-	-	0
TORRANCE UST	Y	0.25	0	0	0	-	-	0
LA HMS	Y	0.25	0	0	0	-	-	0
LA LONGB UST	Y	0.25	0	0	0	-	-	0
LA SWF	Y	0.50	0	0	0	0	-	0
MADERA CUPA	Y	0.25	0	0	0	-	-	0
MARIN CUPA	Y	0.25	0	0	0	-	-	0
MERCED CUPA	Y	0.25	0	0	0	-	-	0
MONO CUPA	Y	0.25	0	0	0	-	-	0
MONTEREY CUPA	Y	0.25	0	0	0	-	-	0
NAPA UST	Y	0.25	0	0	0	-	-	0
NEVADA CUPA	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
ORANGE AST	Y	0.25	0	0	0	-	-	0
ORANGE UST	Y	0.25	0	0	0	-	-	0
PLACER CUPA	Y	0.25	0	0	0	-	-	0
RIVERSIDE LOP	Y	0.50	0	0	0	0	-	0
RIVERSIDE UST	Y	0.25	0	0	0	-	-	0
SACRAMENTO HAZ	Y	0.50	0	0	0	0	-	0
SACRAMENTO TOX	Y	0.50	0	0	0	0	-	0
SANBERN CUPA	Y	0.25	0	0	0	-	-	0
SANDIEGO HAZ	Y	0.25	0	0	0	-	-	0
SANDIEGO SAM	Y	0.50	0	0	0	0	-	0
SANDIEGO SWF	Y	0.50	0	0	0	0	-	0
SANFRAN AST	Y	0.25	0	0	0	-	-	0
SANFRAN CUPA	Y	0.25	0	0	0	-	-	0
SANFRAN LOP	Y	0.50	0	0	0	0	-	0
SANFRAN UST	Y	0.25	0	0	0	-	-	0
SANJOAQUIN AST	Y	0.25	0	0	0	-	-	0
SANJOAQUIN UST	Y	0.25	0	0	0	-	-	0
SANJOAQUIN HW	Y	0.50	0	0	0	0	-	0
SANMATEO CUPA	Y	0.25	0	1	0	-	-	1
SANMATEO LOP	Y	0.50	0	0	1	1	-	2
SANTA CLARA CUPA	Y	0.25	0	0	0	-	-	0
SANTA CLARA LO	Y	0.50	0	0	0	0	-	0
SANTACRUZ CUPA	Y	0.25	0	0	0	-	-	0
SANLUISOB CUPA	Y	0.25	0	0	0	-	-	0
SHASTA CUPA	Y	0.25	0	0	0	-	-	0
SOLANO CUPA	Y	0.25	0	0	0	-	-	0
SOLANO LOP	Y	0.50	0	0	0	0	-	0
SOLANO UST	Y	0.25	0	0	0	-	-	0
SONOMA CUPA	Y	0.25	0	0	0	-	-	0
SONOMA LOP	Y	0.50	0	0	0	0	-	0
SONOMA PETAL	Y	0.25	0	0	0	-	-	0
SUTTER CUPA	Y	0.25	0	0	0	-	-	0
TUOLUMNE CUPA	Y	0.25	0	0	0	-	-	0
VENTURA CUPA	Y	0.25	0	0	0	-	-	0
OXNARD CUPA	Y	0.25	0	0	0	-	-	0
VENTURA INUST	Y	0.25	0	0	0	-	-	0
VENTURA HLUFT	Y	0.50	0	0	0	0	-	0
YOLO UST	Y	0.25	0	0	0	-	-	0
YUBA CUPA	Y	0.25	0	0	0	-	-	0
BKRSFIELD CUPA	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SANTA CLARA GIL	Y	0.25	0	0	0	-	-	0
GLENN CUPA	Y	0.25	0	0	0	-	-	0
LASSEN CUPA	Y	0.25	0	0	0	-	-	0
STANISLAUS CUPA	Y	0.25	0	0	0	-	-	0
TRINITY CUPA	Y	0.25	0	0	0	-	-	0

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
HMIRS	Y	0.12	0	0	-	-	-	0
NCDL	Y	PO	0	-	-	-	-	0
ODI	Y	0.50	0	0	0	0	-	0
IODI	Y	0.50	0	0	0	0	-	0
TSCA	Y	0.12	0	0	-	-	-	0
HIST TSCA	Y	0.12	0	0	-	-	-	0

State

INSP COMP ENF	Y	1.00	0	0	0	0	0	0
CDL	Y	0.12	0	0	-	-	-	0
SCH	Y	1.00	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
SWAT	Y	0.50	0	0	0	0	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

LA SML	Y	0.50	0	0	0	0	-	0
RIVERSIDE HZH	Y	0.12	0	0	-	-	-	0
RIVERSIDE HWG	Y	0.12	0	0	-	-	-	0
SAN JOAQUIN HM	Y	0.12	0	0	-	-	-	0
HW INACTIVE	Y	0.50	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0

Total: 0 2 2 2 0 6

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist mi</i>	<i>Elev diff ft</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	--------------------	-------------------------	------------------------

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist mi</i>	<i>Elev Diff ft</i>	<i>Page Number</i>
<u>1</u>	SANMATEO CUPA	COASTSIDE FIRE DISTRICT, EL GRANADA	501 STETSON MOSS BEACH CA 94038	S/0.03	-26	<u>15</u>
<u>1</u>	HHSS	POINT MONTARA FIRE PROTECTION	501 STETSON STREET MOSS BEACH CA 94038	S/0.03	-26	<u>15</u>
<u>2</u>	LUST	PRIVATE RESIDENCE	PRIVATE RESIDENCE MOSS BEACH CA 94038 Global ID / Status: T0608170114 / Open - Remediation	SSE/0.14	-12	<u>15</u>
<u>3</u>	SANMATEO LOP	MANNON PROPERTY	619 STETSON ST MOSS BEACH CA Case ID: 018041 Status: 5C- Pollution Characterization	SSE/0.15	-24	<u>20</u>
<u>4</u>	SANMATEO LOP	NEIGHBORHOOD GAS MART	8445 HWY 1 MONTARA CA Case ID: 010036 Status: 3B- Preliminary Assessment Underway	N/0.47	-54	<u>20</u>
<u>4</u>	LUST	NEIGHBORHOOD GAS MART	8445 HIGHWAY 1 MONTARA CA 94037 Global ID / Status: T0608192710 / Open - Site Assessment	N/0.47	-54	<u>20</u>

Executive Summary: Summary by Data Source

Standard

State

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Aug 31, 2015 has found that there are 2 LUST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
PRIVATE RESIDENCE	PRIVATE RESIDENCE MOSS BEACH CA 94038	SSE	0.14	2
<i>Global ID / Status: T0608170114 / Open - Remediation</i>				
NEIGHBORHOOD GAS MART	8445 HIGHWAY 1 MONTARA CA 94037	N	0.47	4
<i>Global ID / Status: T0608192710 / Open - Site Assessment</i>				

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 1 HHSS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
POINT MONTARA FIRE PROTECTION	501 STETSON STREET MOSS BEACH CA 94038	S	0.03	1

County

SANMATEO CUPA - San Mateo County CUPA Facilities List

A search of the SANMATEO CUPA database, dated May 28, 2015 has found that there are 1 SANMATEO CUPA site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
-------------------------------	----------------	------------------	--------------------	----------------

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
COASTSIDE FIRE DISTRICT, EL GRANADA	501 STETSON MOSS BEACH CA 94038	S	0.03	1

SANMATEO LOP - San Mateo County LOP List

A search of the SANMATEO LOP database, dated May 27, 2015 has found that there are 2 SANMATEO LOP site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
-------------------------------	----------------	------------------	--------------------	----------------

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
MANNON PROPERTY	619 STETSON ST MOSS BEACH CA	SSE	0.15	3

Case ID: 018041
Status: 5C- Pollution Characterization

NEIGHBORHOOD GAS MART	8445 HWY 1 MONTARA CA	N	0.47	4
--------------------------	--------------------------	---	------	-------------------

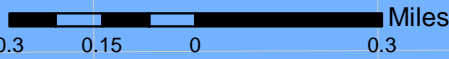
Case ID: 010036
Status: 3B- Preliminary Assessment Underway

County Review Draft

Pacific Ocean

San Vicente Creek

1:49600



Map : 1 Mile Radius

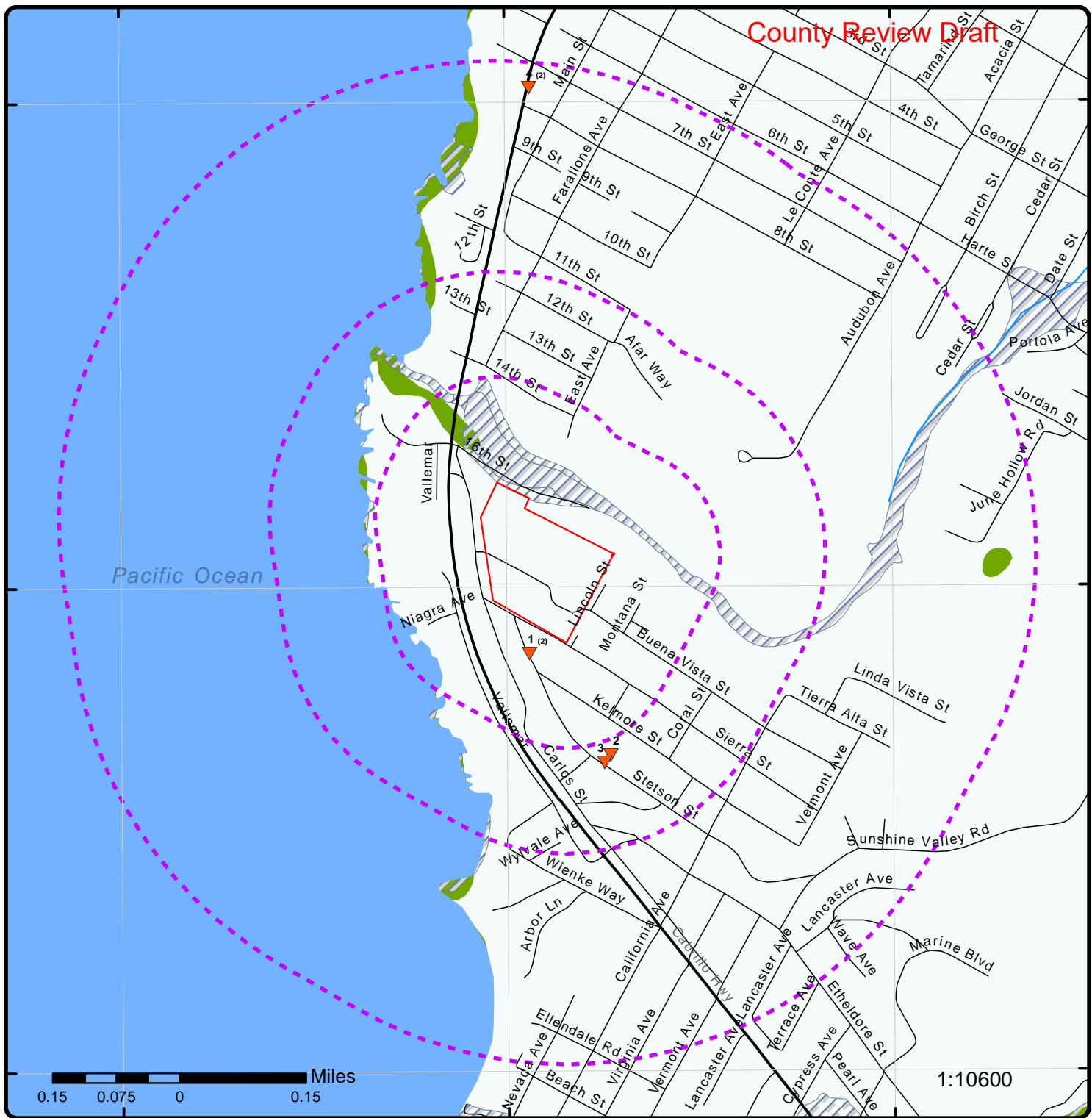
Order No: 20151028168

Address: Carlos Street At Sierra Street, Moss Beach, CA, 94038



Project Property	Major Highways	County Boundary	Indian Reserve Land
Buffer Outline	Major Highways Ramps	State Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	500 Year Flood Zone	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	100 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	National Priority List Sites	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Wetland	State Superfund Areas:NPL
Rails	Local Roads and Ramps	FWS Special Designation Areas	WQARF Areas

County Review Draft



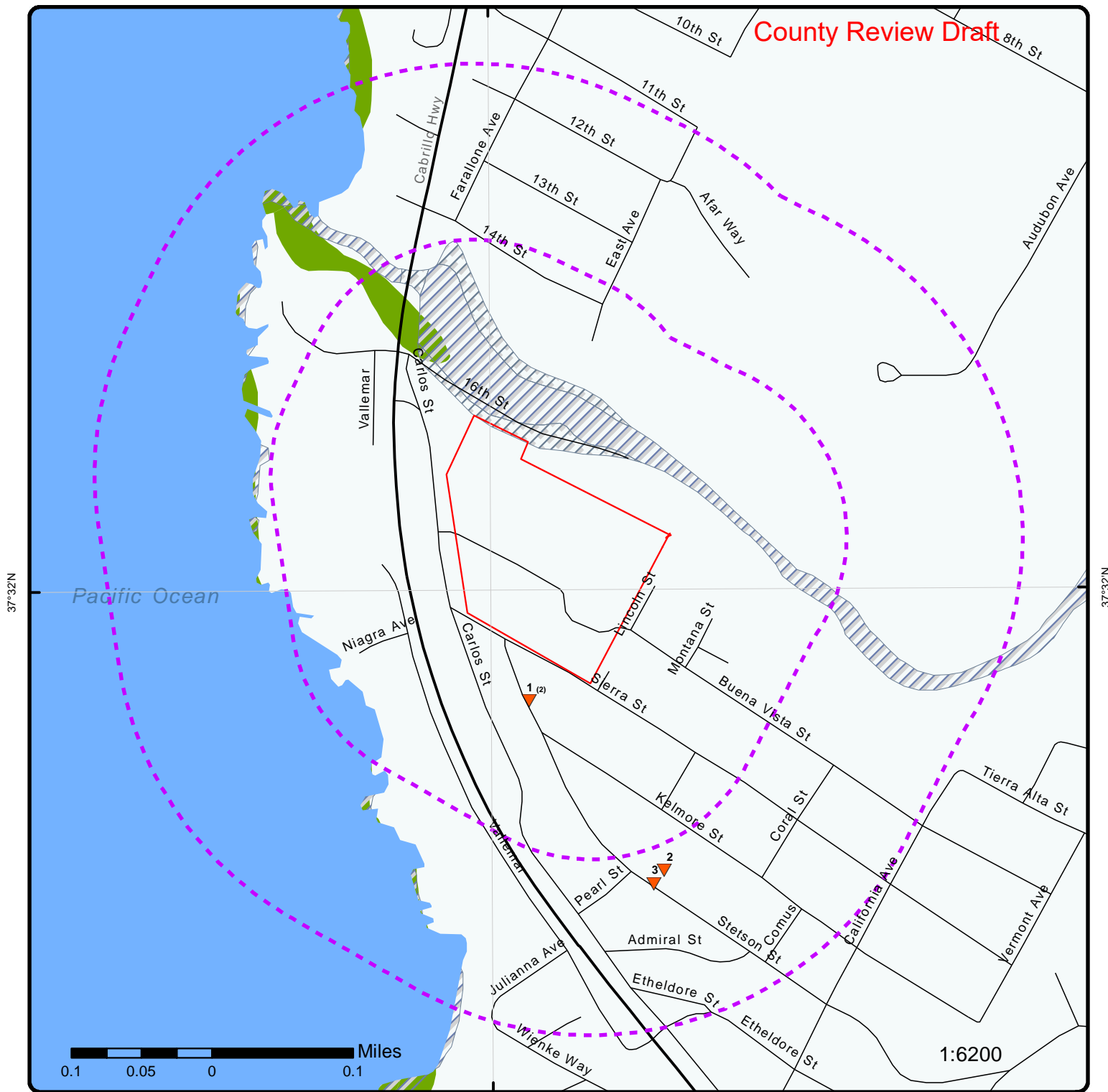
Map : 0.5 Mile Radius

Order No: 20151028168

Address: Carlos Street At Sierra Street, Moss Beach, CA, 94038



Project Property	Major Highways	County Boundary	Indian Reserve Land
Buffer Outline	Major Highways Ramps	State Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	500 Year Flood Zone	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	100 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	National Priority List Sites	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Wetland	State Superfund Areas:NPL
Rails	Local Roads and Ramps	FWS Special Designation Areas	WQARF Areas



Map : 0.25 Mile Radius

Order No: 20151028168

Address: Carlos Street At Sierra Street, Moss Beach, CA, 94038



Project Property	Major Highways	County Boundary	Indian Reserve Land
Buffer Outline	Major Highways Ramps	State Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	500 Year Flood Zone	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	100 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	National Priority List Sites	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Wetland	State Superfund Areas:NPL
Rails	Local Roads and Ramps	FWS Special Designation Areas	WQARF Areas



Aerial

Order No: 20151028168

Address: Carlos Street At Sierra Street, Moss Beach, CA, 94038

Detail Report

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
1	1 of 2	S/0.03	128.79	COASTSIDE FIRE DISTRICT, EL GRANADA 501 STETSON MOSS BEACH CA 94038	SANMATEO CUPA
Facility ID:		FA0022360			
--- Details ---					
Record ID:		PR0034529			
Program Element Code:		2160			
Program Element:		STORES MV FUELS OR WASTE ONLY			

1	2 of 2	S/0.03	128.79	POINT MONTARA FIRE PROTECTION 501 STETSON STREET MOSS BEACH CA 94038	HHSS
County:					
Pdf File Url:		http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c189.pdf			

2	1 of 1	SSE/0.14	143.15	PRIVATE RESIDENCE PRIVATE RESIDENCE MOSS BEACH CA 94038	LUST
Global ID:		T0608170114			
Case Type:		LUST Cleanup Site			
Status:		Open - Remediation			
Status Date:		2007-01-02 00:00:00			
RB Case Number:					
LOC Case Number:		018041			
CUF Case:		YES			
Potential Cntm of Concrn:		Heating Oil / Fuel Oil			
Potential Media Affected:		Under Investigation			
County:		San Mateo			
Latitude:		37.530436			
Longitude:		-122.514449			
Lead Agency:		SAN MATEO COUNTY LOP			
Case Worker:		CLI			
Local Agency:		SAN MATEO COUNTY LOP			
File Location:		Local Agency			

SITE HISTORY:

Extracted from TEC Accutite's March 31, 2010 First Quarter 2010 Groundwater Monitoring Report, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is a private home located on Stetson Street, near the intersection with California Avenue in Moss Beach, California. The nearest surface water is the Pacific Ocean, located approximately 1,000 feet west of the site. A portion of the Fitzgerald State Marine Reserve, which the California Regional Water Quality Control Board (RWQCB) has designated as an area of special biological significance, is directly west of the subject site. Site topography is moderately sloping to the west/southwest, and site elevation is approximately 130 feet

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance mi</i>	<i>Elevation ft</i>	<i>Site</i>
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above mean sea level (ft msl). November 2002 One 500-gallon heating oil underground storage tank (UST) removed from the subject site; significant concentrations of petroleum hydrocarbons present in groundwater. September 2003 Five soil borings advanced (B-1 through B-5); Total Petroleum Hydrocarbons as diesel (TPHd) detected in grab groundwater sample. November 2005 Impacted soil at the former UST location was over-excavated (approximately 60 tons of soil removed); significant TPHd concentration detected in western wall of the excavation; monitoring well MW-1 installed downgradient of the former UST; free-phase hydrocarbon encountered in well MW-1. August 2008 to October 2008 Offsite investigation; slug test; groundwater monitoring wells MW-2 and MW-3 installed; free product extent defined to the southwest of the former UST. February 2007 Initiation of ongoing quarterly groundwater monitoring and free product removal. April 6, 2009 Passive skimmer installed in well MW-1 to facilitate product removal.

Status History

Status:	Open - Case Begin Date
Status Date:	2002-11-07 00:00:00
Status:	Open - Remediation
Status Date:	2007-01-02 00:00:00
Status:	Open - Site Assessment
Status Date:	2003-06-19 00:00:00
Status:	Open - Site Assessment
Status Date:	2003-07-23 00:00:00
Status:	Open - Site Assessment
Status Date:	2003-11-04 00:00:00
Status:	Open - Site Assessment
Status Date:	2007-01-02 00:00:00

Activities

Action Type:	ENFORCEMENT
Date:	2003-06-19 00:00:00
Action:	Notice of Responsibility - #1
Action Type:	ENFORCEMENT
Date:	2007-01-02 00:00:00
Action:	Staff Letter - #20070102
Action Type:	ENFORCEMENT
Date:	2003-11-12 00:00:00
Action:	Staff Letter - #20031112
Action Type:	ENFORCEMENT
Date:	2007-04-25 00:00:00
Action:	Staff Letter - #20070425
Action Type:	ENFORCEMENT
Date:	2003-07-30 00:00:00
Action:	Staff Letter - #20030730
Action Type:	ENFORCEMENT
Date:	2008-08-06 00:00:00
Action:	Staff Letter - #20080806
Action Type:	ENFORCEMENT
Date:	2003-12-03 00:00:00
Action:	Staff Letter - #20031203
Action Type:	ENFORCEMENT

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance mi</i>	<i>Elevation ft</i>	<i>Site</i>
Date:			2008-04-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2009-01-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2008-06-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2008-06-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2009-12-15 00:00:00	
Action:			Soil and Water Investigation Report	
Action Type:			RESPONSE	
Date:			2008-01-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2009-04-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2003-08-11 00:00:00	
Action:			Preliminary Site Assessment Workplan	
Action Type:			RESPONSE	
Date:			2003-11-28 00:00:00	
Action:			Preliminary Site Assessment Report	
Action Type:			RESPONSE	
Date:			2005-09-06 00:00:00	
Action:			Soil and Water Investigation Workplan	
Action Type:			RESPONSE	
Date:			2004-02-13 00:00:00	
Action:			Electronic Reporting Submittal Due	
Action Type:			RESPONSE	
Date:			2007-02-16 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2007-05-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2007-06-26 00:00:00	
Action:			Interim Remedial Action Plan	
Action Type:			RESPONSE	
Date:			2010-09-15 00:00:00	
Action:			Other Report / Document	
Action Type:			RESPONSE	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance mi</i>	<i>Elevation ft</i>	<i>Site</i>
Date:			2011-07-08 00:00:00	
Action:			Other Report / Document	
Action Type:			RESPONSE	
Date:			2009-07-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2010-01-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2010-07-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2010-10-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2011-01-15 00:00:00	
Action:			Monitoring Report - Semi-Annually	
Action Type:			RESPONSE	
Date:			2010-04-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2009-10-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2011-03-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2012-07-15 00:00:00	
Action:			Monitoring Report - Semi-Annually	
Action Type:			RESPONSE	
Date:			2011-12-19 00:00:00	
Action:			Pilot Study / Treatability Workplan	
Action Type:			RESPONSE	
Date:			2011-06-15 00:00:00	
Action:			Monitoring Report - Quarterly	
Action Type:			RESPONSE	
Date:			2011-10-15 00:00:00	
Action:			Monitoring Report - Semi-Annually	
Action Type:			RESPONSE	
Date:			2012-10-31 00:00:00	
Action:			Pilot Study/ Treatability Report	
Action Type:			RESPONSE	
Date:			2013-01-15 00:00:00	
Action:			Monitoring Report - Semi-Annually	
Action Type:			RESPONSE	

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	
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Date: 2013-04-29 00:00:00
Action: CAP/RAP - Other Report

Action Type: REMEDIATION
Date: 2007-02-01 00:00:00
Action: Free Product Removal

Contact Information

Contact Type: Local Agency Caseworker
Contact Name: CHARLES ICE
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: cice@smcgov.org
Phone Number: 6503726295

Contact Type: Regional Board Caseworker
Contact Name: JOLANTA UCHMAN
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: juchman@waterboards.ca.gov
Phone Number:

3	1 of 1	SSE/0.15	130.66	MANNON PROPERTY 619 STETSON ST MOSS BEACH CA	SANMATEO LOP
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Case ID: 018041
Assessors Parcel NO: 037091290
Global ID: T0608170114
Case Type: Undetermined affected

--- Details ---
Status: 5C- Pollution Characterization

4	1 of 2	N/0.47	101.21	NEIGHBORHOOD GAS MART 8445 HWY 1 MONTARA CA	SANMATEO LOP
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Case ID: 010036
Assessors Parcel NO: 036054080
Global ID: T0608192710
Case Type: Aquifer used for drinking water supply affected

--- Details ---
Status: 3B- Preliminary Assessment Underway

4	2 of 2	N/0.47	101.21	NEIGHBORHOOD GAS MART 8445 HIGHWAY 1 MONTARA CA 94037	LUST
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Global ID: T0608192710
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 2008-09-04 00:00:00

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site
RB Case Number:		41-1260		
LOC Case Number:		010036		
CUF Case:		YES		
Potential Cntm of Concrn:		Gasoline		
Potential Media Affected:		Aquifer used for drinking water supply		
County:		San Mateo		
Latitude:		37.5416679816289		
Longitude:		-122.516065835953		
Lead Agency:		SAN MATEO COUNTY LOP		
Case Worker:		MM		
Local Agency:		SAN MATEO COUNTY LOP		
File Location:		Local Agency		

SITE HISTORY:

Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Status History

Status:	Open - Case Begin Date
Status Date:	2000-09-12 00:00:00
Status:	Open - Remediation
Status Date:	2007-11-27 00:00:00
Status:	Open - Site Assessment
Status Date:	2000-09-12 00:00:00
Status:	Open - Site Assessment
Status Date:	2008-09-04 00:00:00

Activities

Action Type:	ENFORCEMENT
Date:	2005-09-07 00:00:00
Action:	Staff Letter - #20050907
Action Type:	ENFORCEMENT
Date:	2006-02-02 00:00:00
Action:	Staff Letter - #20060202
Action Type:	ENFORCEMENT
Date:	2000-09-22 00:00:00
Action:	Notice of Responsibility - #1
Action Type:	ENFORCEMENT
Date:	2004-01-28 00:00:00
Action:	Staff Letter - #20040128
Action Type:	ENFORCEMENT
Date:	2003-06-04 00:00:00
Action:	Staff Letter - #20030604
Action Type:	ENFORCEMENT
Date:	2003-11-19 00:00:00
Action:	Staff Letter - #20031119B
Action Type:	ENFORCEMENT
Date:	2006-08-09 00:00:00

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site
Action:				Staff Letter - #20060809
Action Type:				ENFORCEMENT
Date:				2003-11-19 00:00:00
Action:				Staff Letter - #20031119
Action Type:				ENFORCEMENT
Date:				2007-09-27 00:00:00
Action:				Staff Letter - #20070927
Action Type:				ENFORCEMENT
Date:				2007-04-24 00:00:00
Action:				Staff Letter - #20070424
Action Type:				ENFORCEMENT
Date:				2009-09-30 00:00:00
Action:				Staff Letter - #20090930
Action Type:				ENFORCEMENT
Date:				2009-01-05 00:00:00
Action:				Staff Letter - #20090105
Action Type:				ENFORCEMENT
Date:				2009-07-30 00:00:00
Action:				Staff Letter - #20090730
Action Type:				ENFORCEMENT
Date:				2009-07-07 00:00:00
Action:				Staff Letter - #20090707
Action Type:				ENFORCEMENT
Date:				2010-11-17 00:00:00
Action:				Staff Letter - #20101117
Action Type:				ENFORCEMENT
Date:				2011-06-15 00:00:00
Action:				Staff Letter - #20110615
Action Type:				ENFORCEMENT
Date:				2012-08-29 00:00:00
Action:				Staff Letter - #20120829
Action Type:				ENFORCEMENT
Date:				2013-01-11 00:00:00
Action:				Staff Letter - #20130111
Action Type:				ENFORCEMENT
Date:				2013-04-19 00:00:00
Action:				Staff Letter - #20130419
Action Type:				ENFORCEMENT
Date:				2014-02-11 00:00:00
Action:				Staff Letter - #20140214
Action Type:				ENFORCEMENT
Date:				2014-07-02 00:00:00
Action:				Staff Letter - #20140702
Action Type:				ENFORCEMENT
Date:				2015-03-17 00:00:00

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance mi</i>	<i>Elevation ft</i>	<i>Site</i>
Action:				Staff Letter - #20150317
Action Type:				Other
Date:				2000-09-12 00:00:00
Action:				Leak Discovery
Action Type:				Other
Date:				2000-09-12 00:00:00
Action:				Leak Reported
Action Type:				RESPONSE
Date:				2009-02-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2009-05-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2008-11-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2009-08-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2010-03-15 00:00:00
Action:				Monitoring Report - Semi-Annually
Action Type:				RESPONSE
Date:				2007-11-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2009-04-30 00:00:00
Action:				Pilot Study/ Treatability Report
Action Type:				RESPONSE
Date:				2008-05-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2008-02-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2008-08-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2009-04-30 00:00:00
Action:				Soil and Water Investigation Workplan
Action Type:				RESPONSE
Date:				2009-04-30 00:00:00
Action:				Other Workplan
Action Type:				RESPONSE
Date:				2009-12-14 00:00:00

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance mi</i>	<i>Elevation ft</i>	<i>Site</i>
Action:				Site Assessment Report
Action Type:				RESPONSE
Date:				2010-09-15 00:00:00
Action:				Soil and Water Investigation Report
Action Type:				RESPONSE
Date:				2003-08-11 00:00:00
Action:				Preliminary Site Assessment Report
Action Type:				RESPONSE
Date:				2004-01-19 00:00:00
Action:				Preliminary Site Assessment Workplan
Action Type:				RESPONSE
Date:				2005-08-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2006-05-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2007-05-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2006-08-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2007-08-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2006-11-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2007-11-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2006-02-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2007-02-15 00:00:00
Action:				Monitoring Report - Quarterly
Action Type:				RESPONSE
Date:				2005-01-26 00:00:00
Action:				Preliminary Site Assessment Report
Action Type:				RESPONSE
Date:				2005-11-02 00:00:00
Action:				Soil and Water Investigation Report
Action Type:				RESPONSE
Date:				2006-05-25 00:00:00

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance mi</i>	<i>Elevation ft</i>	<i>Site</i>
Action:				Soil and Water Investigation Report
Action Type:				RESPONSE
Date:				2006-09-27 00:00:00
Action:				CAP/RAP - Feasibility Study Report
Action Type:				RESPONSE
Date:				2007-06-25 00:00:00
Action:				CAP/RAP - Feasibility Study Report
Action Type:				RESPONSE
Date:				2008-02-25 00:00:00
Action:				CAP/RAP - Other Report
Action Type:				RESPONSE
Date:				2011-03-28 00:00:00
Action:				Other Workplan
Action Type:				RESPONSE
Date:				2010-09-15 00:00:00
Action:				Monitoring Report - Semi-Annually
Action Type:				RESPONSE
Date:				2010-01-15 00:00:00
Action:				Monitoring Report - Semi-Annually
Action Type:				RESPONSE
Date:				2011-09-26 00:00:00
Action:				Soil and Water Investigation Report
Action Type:				RESPONSE
Date:				2011-03-15 00:00:00
Action:				Monitoring Report - Semi-Annually
Action Type:				RESPONSE
Date:				2011-09-15 00:00:00
Action:				Monitoring Report - Semi-Annually
Action Type:				RESPONSE
Date:				2012-09-15 00:00:00
Action:				Monitoring Report - Semi-Annually
Action Type:				RESPONSE
Date:				2012-03-15 00:00:00
Action:				Monitoring Report - Semi-Annually
Action Type:				RESPONSE
Date:				2015-06-01 00:00:00
Action:				CAP/RAP - Feasibility Study Report
Action Type:				RESPONSE
Date:				2013-06-21 00:00:00
Action:				Soil Vapor Intrusion Investigation Report - Regulator Responded
Action Type:				RESPONSE
Date:				2013-02-26 00:00:00
Action:				Other Workplan - Regulator Responded
Action Type:				RESPONSE
Date:				2014-05-12 00:00:00

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance mi</i>	<i>Elevation ft</i>	<i>Site</i>	<i>DB</i>
Action:		Pilot Study / Treatability Workplan - Regulator Responded			
Action Type:		RESPONSE			
Date:		2014-10-10 00:00:00			
Action:		Soil and Water Investigation Report - Regulator Responded			
Action Type:		REMEDICATION			
Date:		2007-11-01 00:00:00			
Action:		Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)			
Contact Information					
Contact Type:		Local Agency Caseworker			
Contact Name:		MARC MULLANEY			
Organization Name:		SAN MATEO COUNTY LOP			
Address:		2000 ALAMEDA DE LAS PULGAS			
City:		SAN MATEO			
Email:		mmullaney@smcgov.org			
Phone Number:		6503726289			

Unplottable Summary

Total: 19 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip
CHMIRS	Sewer Auth. Mid Coast Side	Hwy. 1 at 16th St.	Montara CA	94019
CHMIRS	Sewer Authority Mid Coastside	Hwy 1 at 16th Street	Montara CA	94019
CHMIRS	Sewer Authority, Half Moon Bay	Hwy 1 at 16th St.	Montara CA	94019
CHMIRS	Sewer Authority Mid Coast Side	16th Street at the Point Montara Light House	Montara CA	94019
CLEANUP SITES	MAIN STREET & ARNOLD WAY	0 MAIN STREET & ARNOLD	HALF MOON BAY CA	94019
ENVIROSTOR	BROWNING-FERRIS IND (SAN MATEO LANDFILL)	EAST 3RD AVENUE	SAN MATEO CA	94401
FINDS/FRS	SEWER AUTHORITY MID-COASTSIDE	16TH ST & CABRILLO HWY	MONTARA CA	94037-0000
HHSS	MONTARA HOSTEL - POINT MONTARA	16TH ST & CABRILLO HWY	MONTARA CA	94037
HHSS	UNION OIL SS 3869	3869 EAST THIRD STREET	SAN MATEO CA	94400
HHSS	MONTARA PUMPING STATION	CABRILLO HIGHWAY	MONTARA CA	94037
LUST	USCG (MONTARA LIGHTHOUSE)	0 COAST HIGHWAY	MONTARA CA	94037
LUST	MOOSEHEAD INC	818 ETHELDORE	MONTARA CA	94037
RCRA GEN	PACIFIC BELL	ETHELDORE STREET	MOSS BEACH CA	94038
SANMATEO CUPA	Verizon Wireless: Hwy 1 & Montara	8888 Cabrillo	MONTARA CA	94037
SANMATEO CUPA	Caltrans-Devil's Slide Tunnel (Maintenance & Operations)	6000 Coast	MONTARA CA	94037
SANMATEO LOP	MOOSEHEAD INC	818 ETHELDORE ST	MONTARA CA	
SANMATEO LOP	USCG (MONTARA	0 COAST HWY	MONTARA CA	

LIGHTHOUSE)

SWAT

SAN MATEO COUNTY
SCAVENGER-OX
MOUNTAIN LANDFI

TWO MI EAST HALF MOON BAY
OFF HWY 92 HALF MOON BAY, CA
9409

CA

SWF/LF

3rd Ave LF/San Mateo
Composting Site

East Third Ave; Along The Sf Bay

San Mateo CA

Unplottable Report

Site: Sewer Auth. Mid Coast Side
Hwy. 1 at 16th St. Montara CA 94019

CHMIRS

Control NO: 01-6954
Notified Date: 12/1/200107:36:02 PM
Year: 2001
Agency: Sewer Auth. Mid Coast Side
County: San Mateo County

**California Hazardous Material
Incident Report System**

-- --
Contained: Yes
Water Involved: Yes
Water Way: Pacific Ocean
Incident Date: 12/1/200112:00:00 AM
Incident Time:
Spill Site:
Injuries?:
Injuries Number: 0
Fatals?:
Fatals Number: 0
Evacs?:
Evacs Number: 0
Clean Up: N/A
Admin Agency: San Mateo County Environmental Health
Site: Road
Cause:
DOG Number:
1 Substance:
1 Quantity:
1 Measure:
1 Type:
1 Other:
1 Pipeline:
1 Vessel 300 Tons:
2 Substance:
2 Quantity::
2 Measure:
2 Type:
2 Other:
2 Pipeline:
2 Vessel 300 Tons:
3 Substance:
3 Quantity:
3 Measure:
3 Type:
3 Other:
3 Pipeline:
3 Vessel 300 Tons:
Barrels: 0
Cups: 0
Cubic Ft: 0
Gallons: 0

Grams: 0
Lbs: 0
Liters: 0
Ozs: 0
Pts: 0
Qts: 0
Sheen: 0
Tons: 0
Unknown: Unknown
Cause Other:
Notification Area:
Description:

Site: Sewer Authority Mid Coastside
Hwy 1 at 16th Street Montara CA 94019

CHMIRS

Control NO: 04-6811
Notified Date: 12/27/200404:49:07 PM
Year: 2004
Agency: Sewer Authority Mid Coastside
County: San Mateo County

**California Hazardous Material
Incident Report System**

-- --
Contained: Yes
Water Involved:
Water Way: Pacific Ocean
Incident Date: 12/27/200412:00:00 AM
Incident Time:
Spill Site:
Injuries?:
Injuries Number: 0
Fatals?:
Fatals Number: 0
Evacs?:
Evacs Number: 0
Clean Up: none
Admin Agency: San Mateo County Environmental Health
Site: Other
Cause:
DOG Number:
1 Substance:
1 Quantity:
1 Measure:
1 Type:
1 Other:
1 Pipeline:
1 Vessel 300 Tons:
2 Substance:
2 Quantity::
2 Measure:
2 Type:
2 Other:
2 Pipeline:
2 Vessel 300 Tons:
3 Substance:
3 Quantity:
3 Measure:
3 Type:
3 Other:
3 Pipeline:

3 Vessel 300 Tons:
 Barrels: 0
 Cups: 0
 Cubic Ft: 0
 Gallons: 0.000000
 Grams: 0
 Lbs: 0
 Liters: 0
 Ozs: 0
 Pts: 0
 Qts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0
 Cause Other:
 Notification Area:
 Description:

Site: Sewer Authority, Half Moon Bay
 Hwy 1 at 16th St. Montara CA 94019

CHMIRS

Control NO: 01-6974
Notified Date: 12/2/200104:11:40 PM
Year: 2001
Agency: Sewer Authority, Half Moon Bay
County: San Mateo County

**California Hazardous Material
 Incident Report System**

-- --
Contained: Yes
Water Involved: Yes
Water Way: Pacific Ocean
Incident Date: 12/2/200112:00:00 AM
Incident Time:
Spill Site:
Injuries?:
Injuries Number: 0
Fatals?:
Fatals Number: 0
Evacs?:
Evacs Number: 0
Clean Up: Unknown
Admin Agency: San Mateo County Environmental Health
Site: Treatment/Sewage Facility
Cause:
DOG Number:
1 Substance:
1 Quantity:
1 Measure:
1 Type:
1 Other:
1 Pipeline:
1 Vessel 300 Tons:
2 Substance:
2 Quantity::
2 Measure:
2 Type:
2 Other:
2 Pipeline:
2 Vessel 300 Tons:
3 Substance:

3 Quantity:
3 Measure:
3 Type:
3 Other:
3 Pipeline:
3 Vessel 300 Tons:
Barrels: 0
Cups: 0
Cubic Ft: 0
Gallons: 0
Grams: 0
Lbs: 0
Liters: 0
Ozs: 0
Pts: 0
Qts: 0
Sheen: 0
Tons: 0
Unknown: unk
Cause Other:
Notification Area:
Description:

Site: Sewer Authority Mid Coast Side
 16th Street at the Point Montara Light House Montara CA 94019

CHMIRS

Control NO: 00-2030
Notified Date: 5/7/200006:33:37 PM
Year: 2000
Agency: Sewer Authority Mid Coast Side
County: San Mateo County

California Hazardous Material Incident Report System

-- --
Contained: No
Water Involved: Yes
Water Way: Pacific Ocean
Incident Date: 5/7/200012:00:00 AM
Incident Time:
Spill Site:
Injuries?:
Injuries Number: 0
Fatals?:
Fatals Number: 0
Evacs?:
Evacs Number: 0
Clean Up: none
Admin Agency: San Mateo County Environmental Health
Site: Other

Cause:
DOG Number:
1 Substance:
1 Quantity:
1 Measure:
1 Type:
1 Other:
1 Pipeline:
1 Vessel 300 Tons:
2 Substance:
2 Quantity::
2 Measure:

2 Type:
 2 Other:
 2 Pipeline:
 2 Vessel 300 Tons:
 3 Substance:
 3 Quantity:
 3 Measure:
 3 Type:
 3 Other:
 3 Pipeline:
 3 Vessel 300 Tons:

Barrels: 0
 Cups: 0
 Cubic Ft: 0
 Gallons: 30,000
 Grams: 0
 Lbs: 0
 Liters: 0
 Ozs: 0
 Pts: 0
 Qts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0

Cause Other:
 Notification Area:
 Description:

Site: MAIN STREET & ARNOLD WAY
 0 MAIN STREET & ARNOLD HALF MOON BAY CA 94019

CLEANUP SITES

Global ID: T0608113542
 Case Type: Cleanup Program Site
 Status: Completed - Case Closed
 Status Date: 2013-02-08 00:00:00
 RB Case Number:
 LOC Case Number: 239039
 CUF Case: NO
 County: San Mateo
 Latitude: 37.4567367707577
 Longitude: -122.428507804871
 Lead Agency: SAN MATEO COUNTY LOP
 Case Worker: CLI
 Local Agency: SAN MATEO COUNTY LOP
 File Location: Archived
 Potential Cntm of Concrn:
 Potential Media Affected: Soil

SITE HISTORY:

Extracted from SVC Environmental's September 17, 2009 Work Plan to Assess Near-Surface Soils for Pesticide Residuals, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. In 1999 a Phase I/II Environmental Assessment was performed on the original 9.23-acre property (Parcels 28, 34, 35 and 36 on Figure 1) by BAGG Engineers. This site history narrative is derived from information presented in their corresponding report (BAGG, 1999), plus supplemental information acquired by SVC directly. Specifically, SVC reviewed a series of historic aerial photographs dating from 1943 to 2009, spoke with Bob Williamson (the property owner in the 1990s), visited the City Building Department, and spoke with the San Mateo Farm Bureau and the San Mateo County Agricultural Commission. The subject lot, along with adjoining land to the east, was farmed at least as early as the 1943 and extending up to the mid to late 1990s. Personal recollections indicate that only food crops, such as beans and peas, were grown here. According to the Farm Bureau trucked vegetables have historically been grown within Half Moon Bay and primarily brussel sprouts and artichokes. SVC found no indications of any prior structures having been present on the subject lot (with the exception of the public bus shelter along Main Street); all of the farm-related buildings and storage yards were located on parcels to the east. No site-specific chemical use records have been found to date, but Mr. Martin told BAGG

staff that he was not aware of DDT having ever been applied here. SVC has no reason to suspect that farming operations encompassing the subject lot deviated significantly from the past practices of the general area. In the before-mentioned Phase I/II Environmental Assessment Report (BAGG, 1999) the results of 10 soil tests for chlorinated pesticides were presented. Two of the sampling locations (E-1 and E-6) fall on the subject 1.4 +/- acre lot (see Figure 2). The EPA Test Method 8081A/8082 used encompasses 21 recognized Priority Pollutant pesticides, plus the chemically similar group of seven PCB compounds. Only DDT and one of its degradation products, DDE, were found, with the E-1 and E-6 concentrations being roughly an order of magnitude lower than the land to the east.

Status History

```

--
Status: Completed - Case Closed
Status Date: 2013-02-08 00:00:00
--
Status: Open - Case Begin Date
Status Date: 1999-04-28 00:00:00
--
Status: Open - Remediation
Status Date: 2003-05-23 00:00:00
--
Status: Open - Site Assessment
Status Date: 1999-04-28 00:00:00
--
Status: Open - Site Assessment
Status Date: 2009-11-06 00:00:00
--
Status: Open - Verification Monitoring
Status Date: 2003-11-14 00:00:00
--
Status: Open - Verification Monitoring
Status Date: 2009-09-22 00:00:00
--
Activities
--
Action Type: ENFORCEMENT
Date: 1999-08-12 00:00:00
Action: * Historical Enforcement - #1
--
Action Type: ENFORCEMENT
Date: 2005-03-02 00:00:00
Action: Staff Letter - #20050302
--
Action Type: ENFORCEMENT
Date: 2004-02-27 00:00:00
Action: Staff Letter - #20040227
--
Action Type: ENFORCEMENT
Date: 2005-03-23 00:00:00
Action: * Historical Enforcement - #20050323
--
Action Type: ENFORCEMENT
Date: 2003-10-02 00:00:00
Action: Staff Letter - #20031002
--
Action Type: ENFORCEMENT
Date: 2003-05-23 00:00:00
Action: Staff Letter - #20030523
--
Action Type: ENFORCEMENT
Date: 2009-09-22 00:00:00
Action: Staff Letter - #20090922
--
Action Type: ENFORCEMENT
Date: 2010-01-14 00:00:00
    
```

Action: Staff Letter - #20100114
 --
Action Type: ENFORCEMENT
Date: 2011-08-30 00:00:00
Action: Staff Letter - #20110830
 --
Action Type: ENFORCEMENT
Date: 2011-07-15 00:00:00
Action: Staff Letter - #20110715
 --
Action Type: ENFORCEMENT
Date: 2011-05-24 00:00:00
Action: Staff Letter - #20110524
 --
Action Type: ENFORCEMENT
Date: 2013-02-08 00:00:00
Action: Closure/No Further Action Letter - #20130208
 --
Action Type: Other
Date: 1999-04-28 00:00:00
Action: Leak Reported
 --
Action Type: RESPONSE
Date: 2009-11-09 00:00:00
Action: Site Assessment Report
 --
Action Type: RESPONSE
Date: 2005-03-23 00:00:00
Action: Unknown
 --
Action Type: RESPONSE
Date: 2003-11-14 00:00:00
Action: Other Report / Document
 --
Action Type: RESPONSE
Date: 2004-03-26 00:00:00
Action: Request for Closure
 --
Action Type: RESPONSE
Date: 2005-04-20 00:00:00
Action: Request for Closure
 --
Action Type: RESPONSE
Date: 2003-10-10 00:00:00
Action: Other Report / Document
 --
Action Type: RESPONSE
Date: 2011-06-20 00:00:00
Action: Other Report / Document
 --
Action Type: RESPONSE
Date: 2011-10-10 00:00:00
Action: Other Report / Document
 --
Action Type: REMEDIATION
Date: 2003-04-01 00:00:00
 --
Contact Information
 --
Contact Type: Regional Board Caseworker
Contact Name: Cheryl L. Prowell

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 Clay Street, Suite 1400
City: Oakland
Email: cpowell@waterboards.ca.gov
Phone Number: 5106222408
 --
Contact Type: Local Agency Caseworker
Contact Name: CHARLES ICE
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: cice@smcgov.org
Phone Number: 6503726295
 --

Site: **BROWNING-FERRIS IND (SAN MATEO LANDFILL)**
EAST 3RD AVENUE SAN MATEO CA 94401

ENVIROSTOR

Estor/EPA ID: 41490049
Site Code:
Cleanup Status: REFER: RWQCB AS OF 8/28/2002
Site Type: EVALUATION
Potential Media Affected: SOIL
Past Uses Caused Contam: LANDFILL - DOMESTIC
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: RWQCB 2 - SAN FRANCISCO BAY - LEAD
Special Program: * SITE CHAR & ASSESS GRANT (CERCLA 104)
Funding:
Acres: 31 ACRES
School District:
Assembly District: 19
Senate District:
Zip: 94401

POTENTIAL COMTAMI:

HOUSEHOLD WASTES

SITE HISTORY:

The 31-acre site has operated as a landfill since 1935. Browning Ferris Industries operated the landfill under contract with the City of San Mateo from 1960-1982. The site was also opened to th public in 1982. The site has been restricted to the disposal of municipal waste and to composting of plant material in June 1996 closed the landfill. Post closure activities are overseen by the San Francisco Regional Water Quality Control Board and the Intergrated Waste Management Board.

Facility Information

-- --
Program Type: EVALUATION
Status: REFER: RWQCB
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=41490049
 -- --
Completed Activities
 -- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=41490049&doc_id=6011873
Area Name:
Sub Area:
Document Type: Site Screening
Date Completed: 8/28/2002
Comments: Site screening completed. Site referred to the RWQCB.
Activity Type: Completed Activities

--
Doc Link:
Area Name:
Sub Area:
Document Type: Preliminary Assessment Report
Date Completed: 6/30/1985
Comments:
Activity Type: Completed Activities
 --

Site: SEWER AUTHORITY MID-COASTSIDE
 16TH ST & CABRILLO HWY MONTARA CA 94037-0000

FINDS/FRS

Registry ID: 110037987550
FIPS Code: 06081
Program Acronyms:
HUC Code: 18050006
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: EIS
County Name: SAN MATEO
Source:
SIC Codes:
SIC Code Descriptions:
Federal Facility Code:
NAICS Codes: 221320
NAICS Code Descriptions: SEWAGE TREATMENT FACILITIES.
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 12
Census Block Code: 060816136003000
Create Date: 13-FEB-2009 16:57:53
Update Date: 14-APR-2015 17:47:22
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 37.5333
Longitude: -122.5181
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Reference Point: FACILITY CENTROID
Interest Types: AIR EMISSIONS CLASSIFICATION UNKNOWN
Facility Detail Rprt URL: http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110037987550

Site: MONTARA HOSTEL - POINT MONTARA
 16TH ST & CABRILLO HWY MONTARA CA 94037

HHSS

County:
Pdf File Url: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002be19.pdf>

Site: UNION OIL SS 3869
 3869 EAST THIRD STREET SAN MATEO CA 94400

HHSS

County:
Pdf File Url: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020a50.pdf>

Site: MONTARA PUMPING STATION
CABRILLO HIGHWAY MONTARA CA 94037

HHSS

County:
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c279.pdf

Site: USCG (MONTARA LIGHTHOUSE)
0 COAST HIGHWAY MONTARA CA 94037

LUST

Global ID: T0608100670
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-02-26 00:00:00
RB Case Number: 41-0704
LOC Case Number: 010006
CUF Case: NO
Potential Cntm of Concrn: Diesel
Potential Media Affected: Soil
County: San Mateo
Latitude: 37.542068
Longitude: -122.513626
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: MM
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency

Status History

-- --
Status: Completed - Case Closed
Status Date: 1996-02-26 00:00:00
-- --
Status: Open - Case Begin Date
Status Date: 1992-04-01 00:00:00
-- --

Activities

-- --
Action Type: ENFORCEMENT
Date: 1992-04-01 00:00:00
Action: Notice of Responsibility - #1
-- --
Action Type: Other
Date: 1992-04-01 00:00:00
Action: Leak Discovery
-- --
Action Type: Other
Date: 1992-04-01 00:00:00
Action: Leak Reported
-- --

Contact Information

-- --
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email:
Phone Number:
-- --
Contact Type: Local Agency Caseworker
Contact Name: MARC MULLANEY

Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: mmullaney@smcgov.org
Phone Number: 6503726289
 --

Site: MOOSEHEAD INC
 818 ETHELDORE MONTARA CA 94037

LUST

Global ID: T0608101063
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1998-10-30 00:00:00
RB Case Number: 41-1162
LOC Case Number: 010027
CUF Case: NO
Potential Cntm of Concrn: Gasoline
Potential Media Affected: Soil
County: San Mateo
Latitude: 37.5991
Longitude: -122.400995
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: MM
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency

Status History

--
Status: Completed - Case Closed
Status Date: 1998-10-30 00:00:00
 --
Status: Open - Case Begin Date
Status Date: 1998-07-10 00:00:00
 --

Activities

--
Action Type: ENFORCEMENT
Date: 1998-08-19 00:00:00
Action: Notice of Responsibility - #1
 --
Action Type: Other
Date: 1998-07-10 00:00:00
Action: Leak Reported
 --

Contact Information

--
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email:
Phone Number:
 --
Contact Type: Local Agency Caseworker
Contact Name: MARC MULLANEY
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: mmullaney@smcgov.org
Phone Number: 6503726289

-- --
Site: PACIFIC BELL
 ETHELDORE STREET MOSS BEACH CA 94038

RCRA GEN

EPA Handler ID: CAT080022999
Current Site Name: PACIFIC BELL
Generator Status Universe: Small Quantity Generator
Land Type:
Activity Location: CA
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 2 NORTH SECOND ST ROOM 1125, , SAN JOSE, CA, 95113,
Contact Name:
Contact Address:
Contact Email:
Location Street 2:

-- --
Owner/Operator Information

Owner/Operator Indicator: CP
Owner/Operator Name: NOT REQUIRED
Owner/Operator Address: NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone: 4155551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

-- --
Owner/Operator Indicator: CO
Owner/Operator Name: THE PACIFIC TELEPHONE AND TELEGRAPH CO
Owner/Operator Address: NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone: 4155551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

-- --
NAICS Information

-- --
Handler Information

-- --
Date Received: 19960901
Facility Name: PACIFIC BELL
Classification: Small Quantity Generator
 -- --
Date Received: 19810119
Facility Name: PACIFIC BELL

Classification: Large Quantity Generator
 -- --
Hazardous Waste Information
 -- --
Violation/Evaluation Information
 -- --

Site: Verizon Wireless: Hwy 1 & Montara
 8888 Cabrillo MONTARA CA 94037

SANMATEO CUPA

Facility ID: FA0046224

--- Details ---

Record ID: PR0062545
Program Element Code: 2161
Program Element: STORES HAZ MAT <219GAL,1,999LB, 879CF

Site: Caltrans-Devil's Slide Tunnel (Maintenance & Operations)
 6000 Coast MONTARA CA 94037

SANMATEO CUPA

Facility ID: FA0053372

--- Details ---

Record ID: PR0073787
Program Element Code: 2161
Program Element: STORES HAZ MAT <219GAL,1,999LB, 879CF

Site: MOOSEHEAD INC
 818 ETHELDORE ST MONTARA CA

SANMATEO LOP

Case ID: 010027
Assessors Parcel NO: 037141040
Global ID: T0608101063
Case Type: Soil only affected

--- Details ---

Status: 9- Case Closed

Site: USCG (MONTARA LIGHTHOUSE)
 0 COAST HWY MONTARA CA

SANMATEO LOP

Case ID: 010006
Assessors Parcel NO:
Global ID: T0608100670
Case Type: Soil only affected

--- Details ---

Status: 9- Case Closed

Site: SAN MATEO COUNTY SCAVENGER-OX MOUNTAIN LANDFI
 TWO MI EAST HALF MOON BAY OFF HWY 92 HALF MOON BAY, CA 9409 CA

SWAT

Rank: 3
SWIS Number: 41-AA-0002
Report Status Code: A
Report Status: FOUND TO PROVIDE "A RELIABLE INDICATION OF WHETHER OR NOT THERE IS HAZARDOUS WASTE LEAKAGE"
Transcribe Source: Solid Waste Assessment Test (SWAT) Program Report to the Legislature 1989-1990
Site Classification Code:

Site Classification:
Activity Status Code:
Activity Description:
Character of Site Code:
Character of Site:
Size of Site Code:
Size of Site:
Proposal Status:
Site Leak:
Site Leak Desc:
Type of Leak:
Enforce Action:
Enforce Action Desc:
Waste Management Unit:
Waste Discharger Sys NO: 2 417053001
Initial Notif Date:
Proposal Due Date:
Report Due Date: 07/01/89
Anticipated Rprt Submit Dt:
Report Received Date: 07/05/89
Report Target Review Date: 05/01/90
Report Resubmitted Due Date: 12/01/89
Report Resubmitted Rcvd Dt: 12/29/89
Report Approval Date: 05/10/90
Anticip Proposal Submit Dt:
Proposal Received Date:
Proposal Target Review Date:
Proposal Status Code:
Proposal Resubmitted Due Dt:
Proposal Resubmitted Received Due Date:
Proposal Accepted Date:
Exemption Questionnaire Approved Date:
Waiver Approved Date:
Type of Leak Code:
DHS & CWMB Notif Date:
Report Summ Sent Date:
Monitor Program Revise Date:
Revise WDR Target Date:
Hazardous Waste Surface:
Above Reg Level Surface:
Below Reg Level Surface:
Hazardous Waste Ground:
Above Reg Level Ground:
Below Reg Level Ground:
Hazardous Waste Vadose:
Above Reg Level Vadose:
Below Reg Level Vadose:
Surface:
Ground:
Vadose:
Operator Name: SAN MATEO COUNTY DISTRICTBROWNING-F
Agency Name:
County Number:
County Name: SAN MATEO
Regional Board Contact:
Region: SAN FRANCISCO BAY REGION 2
Remarks:

Site: 3rd Ave LF/San Mateo Composting Site

East Third Ave; Along The Sf Bay San Mateo CA

SWIS NO: 41-AA-0010
Permit Status: Expired
Permit Date: 1/17/1983
Landuse Name:
County: San Mateo
Latitude: 37.5708
Longitude: -122.2766
GIS Source: Map

Operator Phone: 6505227300
Operator Addr 1:
Operator Addr 2: 330 West 20th Avenue
Operator City: San Mateo
Operator State: CA
Operator Zip: 94403-1388
Operator: City Of San Mateo Public Works

Owner

-- --
Owner: City Of San Mateo Public Works
Phone: 6505227300
Address1:
Address2: 330 West 20th Avenue
City: San Mateo
State: CA
Zip: 94403-1388
Unit

-- --
Category: Disposal
Unit No.: 01
Activity: Solid Waste Landfill
Regulatory Status: Permitted
Operational Status: Closed
Inspection Frequency: Quarterly
Accepted Waste: Green Materials
Program Type: Financial Assurance Responsibilities
Closure Date: 3/31/1989
Closure Type: Actual
Thorough Put: 15
Thorough Put Units: Tons/day
Capacity:
Acreage: \$31.00
Disposal Acreage: \$0.00
Remaining Capacity:
WDRNO: III

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Oct 8, 2015

National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Oct 8, 2015

Deleted NPL:

DELETED NPL

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.

Government Publication Date: Oct 8, 2015

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

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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). 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.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS- Corrective Action:

RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Mar 10, 2015

RCRA non-CORRACTS TSD Facilities:

RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Mar 10, 2015

RCRA Generator List:

RCRA GEN

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10).

Government Publication Date: Mar 10, 2015

RCRA Non-Generators:

RCRA NON GEN

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Mar 10, 2015

Federal Engineering Controls-ECs:

FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jul 30, 2014

Federal Institutional Controls- ICs:

FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jul 30, 2014

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 7, 2015

The Assessment, Cleanup and Redevelopment Exchange System (ACRES)

FED BROWNFIELDS

Brownfield Database:

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jul 20, 2015

State**State Response Sites:**

RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Aug 24, 2015

EnviroStor Database:

ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Aug 14, 2015

Solid Waste Information System (SWIS):

SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Sep 02, 2015

EnviroStor Hazardous Waste Facilities:

HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Sep 8, 2015

Land Disposal Sites:

LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Jul 16, 2015

Leaking Underground Fuel Tank Reports:

LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Aug 31, 2015

Delisted Leaking Storage Tanks:

DLST

This database contains a list of leaking storage tank sites that were removed from the GeoTracker is the State Water Resources Control Board's (SWRCB) data management system.

Government Publication Date: Aug 31, 2015

Permitted Underground Storage Tank (UST) in GeoTracker:

UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Sep 8, 2015

Aboveground Storage Tanks:

AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

Historical Hazardous Substance Storage Information Database:

HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use

LUR

Restrictions:

The Department of Toxic Substances Control (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 land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Aug 6, 2014

Hazardous Waste Management Program Facility Sites with Deed / Land Use

HLUR

Restrictions:

The Department of Toxic Substances Control (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.

Government Publication Date: Jul 16, 2015

Deed Restrictions and Land Use Restrictions:

DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Jul 20, 2015

Voluntary Cleanup Program:

VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Aug 24, 2015

GeoTracker Cleanup Sites Data:

CLEANUP SITES

A list of cleanup sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Aug 31, 2015

Tribal**Leaking Underground Storage Tanks (LUSTs) on Indian Lands:**

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Aug 28, 2014

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Aug 28, 2014

County**Alameda County LOP Sites List:**

ALAMEDA LOP

A list of Leaking Underground Storage Tanks (LUST) facilities in Alameda County. This list is made available by Alameda County Department of Environmental Health (ACEH). ACEH implements a Local Oversight Program (LOP) under contract with the State Water Resources Control Board to provide regulatory oversight of the investigation and cleanup of soil and groundwater contamination from leaking petroleum USTs.

Government Publication Date: Aug 12, 2014

Alameda County UST List:

ALAMEDA UST

A list of all registered Underground Storage Tanks (USTs) in the County of Alameda. The list is made available by Alameda County Department of Environmental Health.

Government Publication Date: Aug 12, 2014

Amador County CUPA List:

AMADOR CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Amador County. This list is made available by Amador County Environmental Health Department which is the CUPA for Amador County and administers a consolidated hazardous materials program.

Government Publication Date: Mar 9, 2015

Butte County CUPA List:

[BUTTE CUPA](#)

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Butte County. This list is made available by Butte County Public Health Department, Environmental Health Division which was certified by the California Environmental Protection Agency as the CUPA for Butte County.

Government Publication Date: May 28, 2015

Calaveras County CUPA Facilities List:

[CALAVERAS CUPA](#)

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Calaveras. This list is made available by Calaveras County Environmental Health Department which has been certified by CalEPA to implement the Unified program as a CUPA.

Government Publication Date: Jun 19, 2015

Calaveras County Landfills List:

[CALAVERAS LF](#)

A list of landfills in Calaveras County. This list is made available by Calaveras County Environmental Health Department which has been designated as the CUPA for the County.

Government Publication Date: Jul 21, 2014

Calaveras County UST Remediation Sites:

[CALAVERAS LUST](#)

A list of Leaking Underground Storage Tank (LUST) facilities in Calaveras County. This list is made available by Calaveras County Environmental Health Department. Local Implementing Agency (LIA) provides oversight of site remediation with soil contamination while CalEPA - California Regional Water Quality Control Board - Central Valley Region oversees remediation of sites with groundwater contamination.

Government Publication Date: Aug 13, 2014

Colusa County CUPA List:

[COLUSA CUPA](#)

A list of facilities associated with Business Plan and Hazardous Generator programs in the County of Colusa. This list is made available by Colusa County Environmental Health which was certified by the California Environmental Protection Agency as Certified Unified Program Agency for Colusa County.

Government Publication Date: Sep 12, 2014

Contra Costa County CUPA List:

[CONTRACO CUPA](#)

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Contra Costa. This list is made available by Contra Costa County which has been certified by CalEPA to implement the Unified program as a CUPA.

Government Publication Date: Jun 15, 2015

Del Norte County CUPA Facility List:

[DELNORTE CUPA](#)

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Del Norte County. This list is made available by Del Norte County Environmental Health Division which is the designated CUPA for the county.

Government Publication Date: May 19, 2015

El Dorado County CUPA Facility List:

[ELDORADO CUPA](#)

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in El Dorado County. This list is made available by El Dorado County Department of Environmental Management - Hazardous Waste Division which is approved by CalEPA as CUPA for El Dorado County.

Government Publication Date: Aug 20, 2014

Fresno County CUPA/Solid Waste Programs Resource List:

[FRESNO CUPA](#)

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Fresno County. This list is made available by Fresno County Department of Environmental Health Division which is approved by Cal-EPA as CUPA for the County.

Government Publication Date: Apr 30, 2015

Humboldt County CUPA Facility List:

HUMBOLDT CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Humboldt County. This list is made available by Humboldt County Division of Environmental Health which is approved by the State Secretary for Environmental Protection as CUPA for the County.

Government Publication Date: May 28, 2015

Imperial County CUPA Facility List:

IMPERIAL CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Imperial County. This list is made available by the California Department of Toxic Substances Control (DTSC) which is appointed as CUPA for Imperial County.

Government Publication Date: May 19, 2015

Inyo County CUPA Facility List:

INYO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Inyo. This list is made available by the Inyo County Environmental Health Services Department which has been certified by CalEPA to implement the Unified program as a CUPA.

Government Publication Date: Jul 16, 2014

Kern County CUPA List:

KERN CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Kern. This list is made available by Kern County Environmental Health Services Department which has been certified by CalEPA to implement the Unified program as a CUPA for Kern County.

Government Publication Date: May 19, 2015

Kern County UST List:

KERN UST

A list of all registered and inactive Underground Storage Tanks in the County of Kern. The list is made available by Kern County Environmental Health Division.

Government Publication Date: May 19, 2015

Kings County CUPA Facility List:

KINGS CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Kings County. This list is made available by Kings County Department of Public Health which is appointed as CUPA for the county.

Government Publication Date: May 26, 2015

Lake County CUPA Facility List:

LAKE CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Lake County. This list is made available by Lake County Division of Environmental Health which is CUPA for the entire county.

Government Publication Date: Jun 9, 2015

Los Angeles County - El Segundo City Underground Storage Tanks List:

ELSEGUNDO UST

A list of all registered Underground Storage Tanks (USTs) in the City of El Segundo of Los Angeles County. The list is made available by El Segundo City Fire Department.

Government Publication Date: Jul 24, 2014

Los Angeles County - Torrance City Underground Storage Tanks:

TORRANCE UST

A list of registered Underground Storage Tank (UST) sites in Torrance City of Los Angeles County. This list is made available by Torrance City Office of Clerk.

Government Publication Date: May 07, 2015

Los Angeles County HMS List:

LA HMS

This list contains sites that have or had permits for Industrial Waste, Underground Storage Tanks, or Storm water in the County of Los Angeles. This list is made available by the County of Los Angeles Department of Public Works.

Government Publication Date: Jun 22, 2015

Los Angeles County Long Beach UST List:

A list of all registered active Underground Storage Tanks in the City of Long Beach of Los Angeles County. The list is made available by Long Beach Certified Unified Program Agency.

Government Publication Date: Jun 18, 2015

Los Angeles County Solid Waste Sites:

LA SWF

List of permitted solid waste facilities, closed landfills, historical dumpsites and other solid waste sites in Los Angeles County, made available by the Department of Public Works in Los Angeles County.

Government Publication Date: May 19, 2014

Madera County CUPA Facility List:

MADERA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Madera County. This list is made available by Madera County Environmental Health Department which is CUPA for the entire county.

Government Publication Date: Sep 16, 2015

Marin County CUPA List:

MARIN CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Marin. This list is made available by Marin County which has been certified by CalEPA to implement the Unified program as a CUPA.

Government Publication Date: May 26, 2015

Merced County CUPA Facilities List:

MERCED CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Merced. This list is made available by Merced County which has been certified by CalEPA to implement the Unified program as a CUPA for the entire county.

Government Publication Date: May 19, 2015

Mono County CUPA Facility List:

MONO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Mono County. This list is made available by Mono County Environmental Health Department which has been certified by CalEPA to implement the Unified program as a CUPA for the entire county.

Government Publication Date: Jul 15, 2014

Monterey County CUPA Facility List:

MONTEREY CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Monterey County. This list is made available by Monterey County Hazardous Materials Management Services which is designated as the CUPA in Monterey County.

Government Publication Date: Jun 17, 2015

Napa County UST List:

NAPA UST

A list of all registered active Underground Storage Tanks (USTs) in the County of Napa. This list is made available by Napa County Environmental Health Division.

Government Publication Date: Sep 10, 2015

Nevada County CUPA Facility List:

NEVADA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Nevada County. This list is made available by Nevada County Department of Environmental Health which is the CUPA for all cities and unincorporated areas within Nevada County.

Government Publication Date: Jul 17, 2014

Orange County Aboveground Petroleum Storage Tank Listing:

ORANGE AST

A list of Aboveground Petroleum Storage Tank (APST) facilities inspected by Orange County Certified Unified Program Agency (CUPA) Under the Aboveground Petroleum Storage Act (APSA). This list is made available by the Environmental Health Division of Orange County Health Care Agency.

Government Publication Date: May 1, 2015

Orange County Underground Storage Tanks Listing:

ORANGE UST

A list of registered Underground Storage Tank (UST) sites in Orange County. This list is made available by Orange County Health Care Agency (OCHCA), Environmental Health Division which oversees the underground storage tank inspection program in most of the cities of Orange County, with the exception of Anaheim, Fullerton, and Orange.

Government Publication Date: May 1, 2015

Placer County CUPA Facilities List:

PLACER CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Placer County. This list is made available by Placer County Environmental Health which is designated CUPA for all areas of the county except for the City of Roseville.

Government Publication Date: Aug 13, 2015

Riverside County Local Oversight Program List:

RIVERSIDE LOP

A list of Leaking Underground Storage Tank (LUST) facilities in Riverside County. This list is made available by Riverside County Department of Environmental Health. Environmental Cleanup Program provides oversight of assessments and cleanups at properties that have been, or may have been, contaminated with hazardous substances from LUSTs or releases associated with other commercial/industrial use.

Government Publication Date: Jun 10, 2015

Riverside County Underground Storage Tanks List:

RIVERSIDE UST

A list of registered Underground Storage Tank (UST) sites in Riverside County. This list is made available by Riverside County Department of Environmental Health. The Hazardous Materials Management Branch (HMMB) regulates and oversees the inspections of constructions, repairs, upgrades, system operation and removal of UST systems.

Government Publication Date: Jun 10, 2015

Sacramento County Master Hazardous Materials Facility List:

SACRAMENTO HAZ

A list of Hazardous Materials Facilities in Sacramento County. This list is made available by Sacramento County Environmental Management Department which has been designated as the Certified Unified Program Agency (CUPA) for the County.

Government Publication Date: Feb 2, 2015

Sacramento Toxic Site Cleanup List:

SACRAMENTO TOX

Sacramento County Environmental Management Department (EMD)'s Toxic Site Cleanup List includes sites where unauthorized releases of potentially hazardous materials have occurred. The EMD's Site Assessment & Mitigation Program, also referred to as Toxic Site Cleanup Program, provides mandated regulatory oversight of the assessment and remediation of properties on which there has been a release of hazardous materials to soil and/or groundwater.

Government Publication Date: Feb 2, 2015

San Bernardino County CUPA List:

SANBERN CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Bernardino County. This list is made available by San Bernardino County Fire Department which is the CUPA for all areas of the County except the city of Victorville.

Government Publication Date: Jun 30, 2015

San Diego County Hazardous Materials Management Division Database:

SANDIEGO HAZ

A list of facilities with Unified Program Facility Permit in San Diego County. This list has been made available by County of San Diego Environmental Health.

Government Publication Date: May 25, 2015

San Diego County Site Assessment and Mitigation Investigation Sites:

SANDIEGO SAM

List of sites which have undergone a Site Assessment and Mitigation investigation. This list is made available by the County of San Diego Department of Environmental Health.

Government Publication Date: Jul 25, 2015

San Diego County Solid Waste Facility List:

SANDIEGO SWF

A list of open and closed Solid Waste Facilities in the County of San Diego. The list is made available by San Diego County Department of Environmental Health.

Government Publication Date: Feb 18, 2015

San Francisco County Aboveground Storage Tanks List:

SANFRAN AST

A list of Aboveground Storage Tanks (ASTs) facilities inspected by San Francisco Department of Public Health's (SFDPH) Hazardous Materials and Waste Program. Aboveground storage containers or tanks include oil-filled equipment (such as hydraulic systems/reservoirs and heat transfer systems) which have a petroleum storage capacity of 55 gallons or greater.

Government Publication Date: Sep 11, 2015

San Francisco County CUPA Facilities List:

SANFRAN CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Francisco County. This list is made available by San Francisco County Hazardous Materials and Waste Program which is the CUPA for all areas of the County.

Government Publication Date: Sep 11, 2015

San Francisco County LOP Sites:

SANFRAN LOP

A list of Underground Storage Tank (UST) release sites in the County of San Francisco. This list is made available by San Francisco County Department of Public Health Environmental Health Protection Branch.

Government Publication Date: Aug 12, 2014

San Francisco County UST List:

SANFRAN UST

A list of all registered Underground Storage Tanks (USTs) in the County of San Francisco. This list is made available by San Francisco County Environmental Health Division. The Hazardous Materials and Waste Program provides regulatory oversight for the construction, operation, repair and removal of USTs in San Francisco.

Government Publication Date: Sep 11, 2015

San Joaquin County Aboveground Tank List:

SANJOAQUIN AST

A list of Aboveground Storage Tanks (ASTs) inspected by San Joaquin County Environmental Health Department (SJCEHD) under Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Jun 5, 2015

San Joaquin County UST List:

SANJOAQUIN UST

A list of all registered Underground Storage Tanks in the County of San Joaquin. The list is made available by San Joaquin County Environmental Health Division.

Government Publication Date: Jun 05, 2015

San Joaquin Hazardous Waste Facilities:

SANJOAQUIN HW

A list of Hazardous Waste Facilities in San Joaquin County. This list is made available by San Joaquin County Environmental Health Department which has been designated as the CUPA for the County.

Government Publication Date: Jun 5, 2015

San Mateo County CUPA Facilities List:

SANMATEO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Mateo County. This list is made available by San Mateo County Environmental Health Department which has been designated as the CUPA for the County.

Government Publication Date: May 28, 2015

San Mateo County LOP List:

SANMATEO LOP

A list of Leaking Underground Storage Tank (LUST) facilities in San Mateo County. This list is made available by San Mateo County Environmental Health Services Division.

Government Publication Date: May 27, 2015

Santa Clara County CUPA Facilities List:

SANTA CLARA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Santa Clara County. This list is made available by Santa Clara County Department of Environmental Health (DEH). DEH's Hazardous Materials Compliance Division (HMCD) is CUPA for the county with jurisdiction within the Cities of Los Altos Hills, Monte Sereno, and Saratoga; and in all unincorporated areas of Santa Clara County, including Moffett Field, San Martin, and Stanford.

Government Publication Date: May 26, 2015

Santa Clara Local Oversight Program Listing:

SANTA CLARA LO

A list of Leaking Underground Storage Tanks (LUST) facilities in Santa Clara County Provided by Santa Clara Department of Environmental Health (DEH). Since July 1, 2004 the DEH has served as the oversight agency for investigations and clean-up of petroleum releases from underground storage tanks through implementation of the Local Oversight Program (LOP) contract with the State Water Resources Control Board.

Government Publication Date: Jul 22, 2014

Santa Cruz County CUPA Facility List:

SANTA CRUZ CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Santa Cruz County. This list is made available by Santa Cruz County Environmental Health Services (EHS) Division which has been designated as the CUPA for the County.

Government Publication Date: May 27, 2015

San Luis Obispo County CUPA Facilities List:

SAN LUIS OBIPO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Luis Obispo County. This list is made available by County of San Luis Obispo Environmental Health Services Division which has been designated as the CUPA for the County.

Government Publication Date: May 27, 2015

Shasta County CUPA Facility List:

SHASTA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Shasta County. This list is made available by Shasta County Environmental Health Division which has been designated as the CUPA for Shasta County by CalEPA.

Government Publication Date: Jun 12, 2015

Solano County CUPA List:

SOLANO CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the County of Solano. This list is made available by Solano County Environmental Health Division which has been certified by CalEPA to implement the Unified program as a CUPA.

Government Publication Date: Aug 5, 2014

Solano County Local Oversight Program List:

SOLANO LOP

A list of Leaking Underground Storage Tank (LUST) facilities in the Solano County. This list is made available by the Solano County Environmental Health Services. Since April 1993, the State Water Resources Control Board has contracted with the County of Solano to provide regulatory oversight for the cleanup of LUSTs under Local Oversight Program (LOP) contract.

Government Publication Date: Jun 19, 2014

Solano County Underground Storage Tanks List:

SOLANO UST

A list of all registered Underground Storage Tanks (USTs) in the County of Solano. The list is made available by Solano County Environmental Health Services Division. There are an estimated 190 facilities throughout the county that are subject to the regulatory requirements of the UST program.

Government Publication Date: Aug 5, 2014

Sonoma County CUPA Facilities List:

SONOMA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Sonoma County. This list is made available by Sonoma County Hazardous Materials (HazMat) Division which has been designated as the CUPA for the County.

Government Publication Date: May 28, 2015

Sonoma County LOP Site List:

SONOMA LOP

A list of Leaking Underground Storage Tank (LUST) facilities in Sonoma County. This list is made available by Sonoma County Department of Health Services. Sonoma County Local Oversight Program (LOP) oversees the investigation and cleanup of fuel releases from underground storage tanks in all areas of the County with the exception of the Cities of Santa Rosa and Healdsburg.

Government Publication Date: Apr 1, 2015

Sonoma County Petaluma City CUPA Facilities:

SONOMA PETAL

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Petaluma City. This list is made available by Petaluma Fire Prevention Bureau which is the CUPA for Petaluma City in Sonoma County.

Government Publication Date: May 21, 2015

Sutter County CUPA List:

SUTTER CUPA

A list of facilities associated with Aboveground Petroleum Storage Tank (APSA) regulation, Hazardous Materials Business Plan (HMBP) Program and Underground Storage Tank (UST) regulation of Certified Unified Program Agency (CUPA) programs in Sutter County. This list is made available by Sutter County Environmental Health Division which has been designated as the CUPA for the County.

Government Publication Date: May 06, 2015

Tuolumne County CUPA Facility List:

TUOLUMNE CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Tuolumne County. This list is made available by Tuolumne County Environmental Health which is the CUPA for all areas of the County.

Government Publication Date: June 3, 2015

Ventura County CUPA Facilities List:

VENTURA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Ventura County. This list is made available by Ventura County Environmental health Division.

Government Publication Date: Apr 27, 2015

Ventura County City of Oxnard CUPA Facility List:

OXNARD CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Oxnard City. This list is made available by Oxnard City Fire Department which is the CUPA for Oxnard City in Ventura County.

Government Publication Date: Jul 24, 2014

Ventura County Inactive Underground Storage Tanks Sites:

VENTURA INUST

A list of inactive Underground Storage Tank (UST) sites in Ventura County. This list is made available by Ventura County Environmental Health Division.

Government Publication Date: Apr 27, 2015

Ventura County Leaking Underground Fuel Tanks - Historic:

VENTURA HLUFT

A historical list of cleanup oversight of the Leaking Underground Fuel Tank (LUFT) program provided by Ventura County Environmental Health Division. All new and existing underground fuel storage tank releases are now referred to the Los Angeles Regional Water Quality Control Board.

Government Publication Date: May 31, 2008

Yolo County UST List:

YOLO UST

A list of registered Underground Storage Tank (UST) sites in Yolo County. This list is made available by Yolo County Environmental Health Department which regulates the construction, operation, repair and removal of USTs throughout Yolo County.

Government Publication Date: May 25, 2015

Yuba County CUPA Facilities List:

YUBA CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Yuba County. This list is made available by Yuba County Environmental Health Division which is the CUPA for all areas of the County.

Government Publication Date: May 27, 2015

City of Bakersfield CUPA List:

BKRSFIELD CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the City of Bakersfield. This list is made available by the City of Bakersfield Fire Department.

Government Publication Date: Jun 19, 2015

Gilroy City CUPA Facilities List:

SANTA CLARA GIL

The Gilroy City Fire Marshal's office maintains a list of CUPA Facilities located in Gilroy City.

Government Publication Date: Jul 17, 2015

Glenn County CUPA List:

GLENN CUPA

The Glenn County Air Pollution Control District is the Administering Agency and the Certified Unified Program Agency (CUPA) for Glenn County with responsibility for regulating hazardous materials handlers, hazardous waste generators, underground storage tank facilities, above ground storage tanks, and stationary sources handling regulated substances.

Government Publication Date: Sep 21, 2015

Lassen County CUPA List:

LASSEN CUPA

The Environmental Health Program of Lassen County tracks Certified Unified Program Agencies (CUPA) facilities.

Government Publication Date: Sep 18, 2015

Stanislaus County CUPA List:

STANISLAUS CUPA

The Environmental Resources Department of Stanislaus County maintains a list of Certified Unified Program Agency (CUPA) facilities.

Government Publication Date: Sep 21, 2015

Trinity County CUPA List:

TRINITY CUPA

On January 1, 2005, the Department of Toxic Substances Control (DTSC) was authorized by the California Environmental Protection Agency (Cal/EPA) as the Trinity County Certified Unified Program Agency (CUPA). This CUPA list was made available by the DTSC.

Government Publication Date: Sep 22, 2015

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Sep 24, 2015

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: 1987-2013

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Feb 24, 2015

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Sep 5, 2015

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Toxic Substances Control Act:

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2014

Hist TSCA:

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

State**EnviroStor Inspection, Compliance, and Enforcement:**

INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Aug 24, 2015

Clandestine Drug Lab Sites:

CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/ clandestine drug laboratories.

Government Publication Date: Feb 27, 2015

School Property Evaluation Program Sites:

SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Sep 10, 2015

California Hazardous Material Incident Report System (CHMIRS):

CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Sept 18, 2015

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report:

SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Tribal

No Tribal additional environmental record sources available for this State.

County**Los Angeles County Site Mitigation List:**

LA SML

A Site Mitigation List in the County of Los Angeles. The list is made available by Los Angeles County Fire Department. Site mitigation is handled by the Site Mitigation Unit (SMU) which facilitates completion of site clean-up projects of contaminated sites in an expeditious manner in all cities of the Los Angeles County except El Segundo, Glendale, Long Beach, Santa Fe Springs, and Vernon.

Government Publication Date: Jun 23, 2015

Riverside County Disclosure Facility List:

RIVERSIDE HZH

A list of facilities disclosed to Riverside County Department of Environmental Health (DEH). This list is made available by Riverside County DEH which has been designated as the CUPA for the County. A business is required to establish and submit a Business Plan if the facility handles hazardous material equal to or greater than 55 gallons, 500 pounds or 200 cubic feet at any time during the year.

Government Publication Date: Jun 10, 2015

Riverside County Hazardous Waste Generator Sites List:

RIVERSIDE HWG

A list of Hazardous Waste Generator Sites in the County of Riverside. This list is made available by Riverside County Department of Environmental Health which has been designated as the CUPA for the County.

Government Publication Date: Jun 10, 2015

San Joaquin County Hazardous Materials Facilities List:

SANJOAQUIN HM

A list of Hazardous Materials Facilities in San Joaquin County. This list is made available by San Joaquin County Environmental Health Department which has been designated as the CUPA for the County.

Government Publication Date: Jun 05, 2015

Ventura County Inactive Hazardous Waste Sites:

HW INACTIVE

A list of Inactive Hazardous Waste Sites in Ventura County collected by Ventura County's Environmental Health Division.

Government Publication Date: Jun 26, 2015

Delisted County Records:

DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: June, 2015

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries". All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and were included as reference.

APPENDIX C
HISTORICAL SOURCES



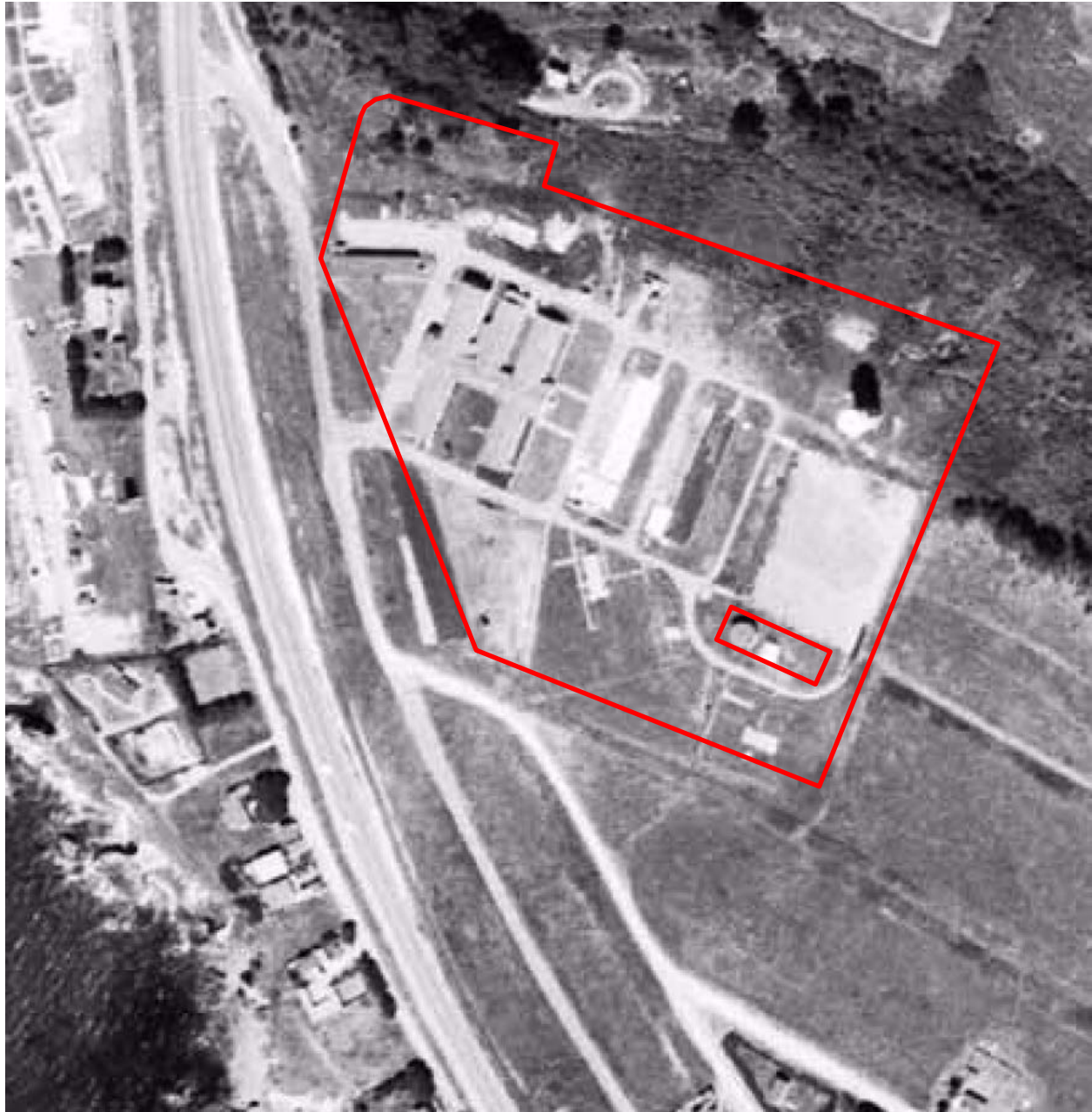
Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1946
Carlos Street at Sierra Street, Moss Beach, California, 94038
Project Number: 350428

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH – 1956
Carlos Street at Sierra Street, Moss Beach, California, 94038
Project Number: 350428

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1968

Carlos Street at Sierra Street, Moss Beach, California, 94038

Project Number: 350428





Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1970
Carlos Street at Sierra Street, Moss Beach, California, 94038
Project Number: 350428





Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1983

Carlos Street at Sierra Street, Moss Beach, California, 94038

Project Number: 350428





Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1993
Carlos Street at Sierra Street, Moss Beach, California, 94038
Project Number: 350428

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2005
Carlos Street at Sierra Street, Moss Beach, California, 94038
Project Number: 350428

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2014
Carlos Street at Sierra Street, Moss Beach, California, 94038
Project Number: 350428



HIG Research Summary

Site Location

350428 AC
Carlos Street At Sierra Street
Moss Beach, CA

Conducted For

ERIS
80 Valleybrook Drive
Toronto, ON

HIG Project

1523492

Date Created

11/02/2015



Historical
Information
Gatherers

This Research Summary identifies the products and services provided by Historical Information Gatherers, Inc. (HIG) for the above referenced site location. All products are provided as PDFs unless otherwise noted.

City Directory Pages/Abstracts

Research Methodology: A search was conducted for city directories that include coverage of the site area using HIG's City Directory Collection and other sources, if needed. Directories for the following years were identified for the site area. A comma between date ranges indicates a gap of 10 years or more in available city directories:

San Mateo County 1976-2011

The above listed directories were reviewed at approximate 5 year intervals to determine if the street(s) specified in the order were included in the directories and had listings for the site area. HIG attempted to identify former street names and aliases and if identified, these were also included in the review.

Research Results: When City Directory Pages are provided, the publication name and date are shown at the top of each page. When a City Directory abstract is provided, the first page of the abstract includes the relevant publication information. The years of coverage identified for each street and any identified historical street names are as follows:

Sierra Street (1976-2011)

Disclaimer & Waiver of Liability

This Research Summary and the related documents and images provided by Historical Information Gatherers (hereafter referred to as the "Site Specific HIG Data") contain information obtained from a variety of public and private sources. Additional information for the site and surrounding properties may exist. Accordingly, there can be no guaranty that the information provided is complete for its intended purpose. No warranty expressed or implied, is made whatsoever in connection with the Site Specific HIG Data. Historical Information Gatherers specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular purpose. Historical Information Gatherers, its officers, employees and independent contractors cannot be held liable to anyone for any loss or damage, whether arising out of errors or omissions, negligence, accident or any other cause, resulting directly or indirectly from any information provided or any information not provided in the Site Specific HIG Data. Any liability on the part of Historical Information Gatherers is strictly limited to a refund equal to the amount paid for the Site Specific HIG Data.

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Research Summary for City Directory Abstract

Site Location:
350428 AC
Carlos Street At Sierra Street
Moss Beach, CA

HIG Project #:
1523492
Date Completed:
11/2/2015



Conducted For:
EcoLog ERIS
Toronto, ON

HIG has produced a city directory abstract for one or more streets associated with the site location indicated above. The publications used to create the CD Abstract are listed below.

The information below is taken directly from the city directory books. The following are definitions as they are found in the Haines books:

- XXXX = is no phone, no people or non-published phone.
- 600 XXXX = Correct address only. No other information.
- X Streetname = intersecting cross street

Publication year, publisher and title.

- 2011 Haines San Mateo County
- 2006 Haines San Mateo County
- 2001 Haines San Mateo County
- 1996 Haines San Mateo County
- 1991 Haines San Mateo County
- 1986 Haines San Mateo County
- 1981 Haines San Mateo County
- 1976 Haines San Mateo County

400 Sierra Street

2011	BORME Victor
2006	BORME Victor
1991	BARMORE Ann R
1991	BARMORE Cynl Scott
1991	BARMORE Donald R
1986	BARMORE DONALD R
1986	BARMORE ANN R
1981	BARMORE D W
1976	BARMORE DONALD

506 Sierra Street

2006	XXXX
2001	WIKLE George
1996	FINDLAY Scoot
1986	BAUMANN LEONARD C
1986	BAUMANN CAROLYN

514 Sierra Street

2006	OESWEIN James
2001	OESWEIN James
1986	MURRAY JOANIE

515 Sierra Street

2011	MURTHA Peter
2006	MURTHA Peter
2001	MURTHA Peter
1991	KOONS C
1986	WILLIAMSON ROBERT
1986	WILLIAMSON JOANIE

522 Sierra Street

2011	ROBERTS Ross
2006	ROBERTS Ross
2001	ROBERTS Ross
1986	FREESE KENNETH J
1981	FREESE KENNETH J

531 Sierra Street

2011	WEGEHAUPT Mark
2006	WEGEHAUPT Trudy
2006	WEGEHAUPT Mark
2001	WEGEHAUPT Trudy
2001	WEGEHAUPT Mark
1996	WEGEHAUPT Trudy
1996	WEGEHAUPT Mark
1991	WEGEHAUPT Trudy
1991	WEGEHAUPT Mark

534 Sierra Street

2011	SOUZA David
2006	SOUZA Dave

2006	SOUZA David
2001	SOUZA David
1996	SOUZA David
1991	SOUZA David
1986	SOUZA DAVID
1981	SAMAS EUGENE

542 Sierra Street

2011	PETINO John
2006	PETINO John
2001	PETINO John
1996	PETINO John
1991	PETINO J
1991	PETINO B
1986	PETINO J
1981	PETRINO J

554 Sierra Street

2011	LARKIN Brian
2006	LARKIN Brian
2001	LARKIN Brian
1996	LARKIN Patricia
1996	LARKIN Brian S
1991	LARKIN Patricia
1991	LARKIN Brian S
1986	LARKIN BRIAN S
1986	LARKIN PATRICIA
1981	LARKIN BRIAN S
1976	WORTHLY VERA

555 Sierra Street

2011	CHURCH Janette
2006	CHURCH Frederick
2001	CHRUCH Fredercik
1996	ZIPKIN Richard D
1996	BRICE Steve
1991	BRICE Steve
1986	SEMANCIK TOM
1981	ADAMS DENNIS B

558 Sierra Street

2011	HASS Philip
2006	HASS Philip
2001	HASS Philip
1996	XXXX
1991	XXXX
1986	XXXX

567 Sierra Street

2011	KRAAL Richard J
2006	KRAAL Richard J
2001	KRAAL Richard J

1996	KRAAL Richard J
1991	KRAAL Richard J
1986	KRAAL RICHARD J
1981	KRAAL RICHARD J

570 Sierra Street

2011	ERIC J POOS FNCL & INS SERV
2011	POOS Eric
2006	MARCIL Michael
2006	HYLDIG-NIELSEN Jens
2001	MARCIL Michael
1996	SABOUNI Akram
1996	SABOUNI Joya
1986	XXXX

574 Sierra Street

2011	ROCHA Mark
2006	ROCHA Mark
2001	ROCHA Mark
1996	JOHNSTON Juliann C
1996	JOHNSTON Wm
1991	JOHNSTON Juliann C
1991	JOHNSTON Wm
1986	JOHNSTON JULIANN C
1986	JOHNSTON WM
1981	WINTLE TOM
1976	TIMOTHY LAURA

575 Sierra Street

2011	BRASFIELD Mark
2006	BRASFIELD Mark
2001	BRASFIELD Mark
1996	BRASFIELD Mark
1986	SELANTEK C
1981	DOWNING DEL

582 Sierra Street

2006	WYMAN Matthew E
2001	REID Donald
1996	REID Donald
1991	XXXX
1986	XXXX
1981	WILLIAMS L R

583 Sierra Street

2011	CARRINGTON Judith B
2006	CARRINGTON William
2001	CARRINGTON William
1996	XXXX
1991	XXXX
1986	CARRINGTON WM DDS

587 Sierra Street

2011	PIERCEALL Richard
2011	CIARI Veronica
2006	CIARI Veronica
2006	PIERCEALL Richard
2001	PIERCEALL Richard
2001	CIARI Veronica
1996	XXXX
1991	XXXX
1986	GUNTREN CONSTR

682 Sierra Street

1981	MARTNEZ REGINALD
------	------------------

Abstract Section 2: This section includes the city directory data sorted by the year the city directory was published.

2011

	X CARLOS ST
400 Sierra Street	BORME Victor
	X STETSON ST
515 Sierra Street	MURTHA Peter
522 Sierra Street	ROBERTS Ross
531 Sierra Street	WEGEHAUPT Mark
534 Sierra Street	SOUZA David
542 Sierra Street	PETINO John
554 Sierra Street	LARKIN Brian
555 Sierra Street	CHURCH Janette
558 Sierra Street	HASS Philip
567 Sierra Street	KRAAL Richard J
570 Sierra Street	ERIC J POOS FNCL & INS SERV
570 Sierra Street	POOS Eric
574 Sierra Street	ROCHA Mark
575 Sierra Street	BRASFIELD Mark
583 Sierra Street	CARRINGTON Judith B
	X PEARL ST
587 Sierra Street	CIARI Veronica
587 Sierra Street	PIERCEALL Richard

2006

	X CARLOS ST
400 Sierra Street	BORME Victor
	X STETSON ST
506 Sierra Street	XXXX
514 Sierra Street	OESWEIN James
515 Sierra Street	MURTHA Peter
522 Sierra Street	ROBERTS Ross
531 Sierra Street	WEGEHAUPT Mark
531 Sierra Street	WEGEHAUPT Trudy
534 Sierra Street	SOUZA Dave
534 Sierra Street	SOUZA David

542 Sierra Street	PETINO John
554 Sierra Street	LARKIN Brian
555 Sierra Street	CHURCH Frederick
558 Sierra Street	HASS Philip
567 Sierra Street	KRAAL Richard J
570 Sierra Street	HYLDIG-NIELSEN Jens
570 Sierra Street	MARCIL Michael
574 Sierra Street	ROCHA Mark
575 Sierra Street	BRASFIELD Mark
582 Sierra Street	WYMAN Matthew E
583 Sierra Street	CARRINGTON William
	X PEARL ST
587 Sierra Street	PIERCEALL Richard
587 Sierra Street	CIARI Veronica

2001

506 Sierra Street	WIKLE George
514 Sierra Street	OESWEIN James
515 Sierra Street	MURTHA Peter
522 Sierra Street	ROBERTS Ross
531 Sierra Street	WEGEHAUPT Trudy
531 Sierra Street	WEGEHAUPT Mark
534 Sierra Street	SOUZA David
542 Sierra Street	PETINO John
554 Sierra Street	LARKIN Brian
555 Sierra Street	CHRUCH Fredercik
558 Sierra Street	HASS Philip
567 Sierra Street	KRAAL Richard J
570 Sierra Street	MARCIL Michael
574 Sierra Street	ROCHA Mark
575 Sierra Street	BRASFIELD Mark
582 Sierra Street	REID Donald
583 Sierra Street	CARRINGTON William
587 Sierra Street	CIARI Veronica
587 Sierra Street	PIERCEALL Richard
	X PEARL

1996

506 Sierra Street	FINDLAY Scoot
531 Sierra Street	WEGEHAUPT Mark
531 Sierra Street	WEGEHAUPT Trudy
534 Sierra Street	SOUZA David
542 Sierra Street	PETINO John
554 Sierra Street	LARKIN Brian S
554 Sierra Street	LARKIN Patricia
555 Sierra Street	BRICE Steve
555 Sierra Street	ZIPKIN Richard D
558 Sierra Street	XXXX
567 Sierra Street	KRAAL Richard J
570 Sierra Street	SABOUNI Akram

570 Sierra Street	SABOUNI Joya
574 Sierra Street	JOHNSTON Wm
574 Sierra Street	JOHNSTON Juliann C
575 Sierra Street	BRASFIELD Mark
582 Sierra Street	REID Donald
583 Sierra Street	XXXX
587 Sierra Street	XXXX

1991

400 Sierra Street	BARMORE Donald R
400 Sierra Street	BARMORE Cynl Scott
400 Sierra Street	BARMORE Ann R
515 Sierra Street	KOONS C
531 Sierra Street	WEGEHAUPT Mark
531 Sierra Street	WEGEHAUPT Trudy
534 Sierra Street	SOUZA David
542 Sierra Street	PETINO B
542 Sierra Street	PETINO J
554 Sierra Street	LARKIN Patricia
554 Sierra Street	LARKIN Brian S
555 Sierra Street	BRICE Steve
558 Sierra Street	XXXX
567 Sierra Street	KRAAL Richard J
574 Sierra Street	JOHNSTON Juliann C
574 Sierra Street	JOHNSTON Wm
582 Sierra Street	XXXX
583 Sierra Street	XXXX
587 Sierra Street	XXXX

1986

400 Sierra Street	BARMORE ANN R
400 Sierra Street	BARMORE DONALD R
506 Sierra Street	BAUMANN CAROLYN
506 Sierra Street	BAUMANN LEONARD C
514 Sierra Street	MURRAY JOANIE
515 Sierra Street	WILLIAMSON JOANIE
515 Sierra Street	WILLIAMSON ROBERT
522 Sierra Street	FREESE KENNETH J
534 Sierra Street	SOUZA DAVID
542 Sierra Street	PETINO J
554 Sierra Street	LARKIN PATRICIA
554 Sierra Street	LARKIN BRIAN S
555 Sierra Street	SEMANCIK TOM
558 Sierra Street	XXXX
567 Sierra Street	KRAAL RICHARD J
570 Sierra Street	XXXX
574 Sierra Street	JOHNSTON WM
574 Sierra Street	JOHNSTON JULIANN C
575 Sierra Street	SELANTEK C
582 Sierra Street	XXXX

583 Sierra Street
587 Sierra Street

CARRINGTON WM DDS
GUNTREN CONSTR

County Review Draft

1981

400 Sierra Street	BARMORE D W
522 Sierra Street	FREESE KENNETH J
534 Sierra Street	SAMAS EUGENE
542 Sierra Street	PETRINO J
554 Sierra Street	LARKIN BRIAN S
555 Sierra Street	ADAMS DENNIS B
567 Sierra Street	KRAAL RICHARD J
574 Sierra Street	WINTLE TOM
575 Sierra Street	DOWNING DEL
582 Sierra Street	WILLIAMS L R
682 Sierra Street	MARTNEZ REGINALD

1976

400 Sierra Street	BARMORE DONALD
554 Sierra Street	WORTHLY VERA
574 Sierra Street	TIMOTHY LAURA



FIRE INSURANCE MAP RESEARCH RESULTS

Date: 2015-10-29

Order Number:20151028168

Carlos Street At Sierra Street, Moss Beach, CA, 94038

ERIS has searched our in-house collection of close to 1 million Fire Insurance Maps for the address at Carlos Street At Sierra Street, Moss Beach, CA, 94038.

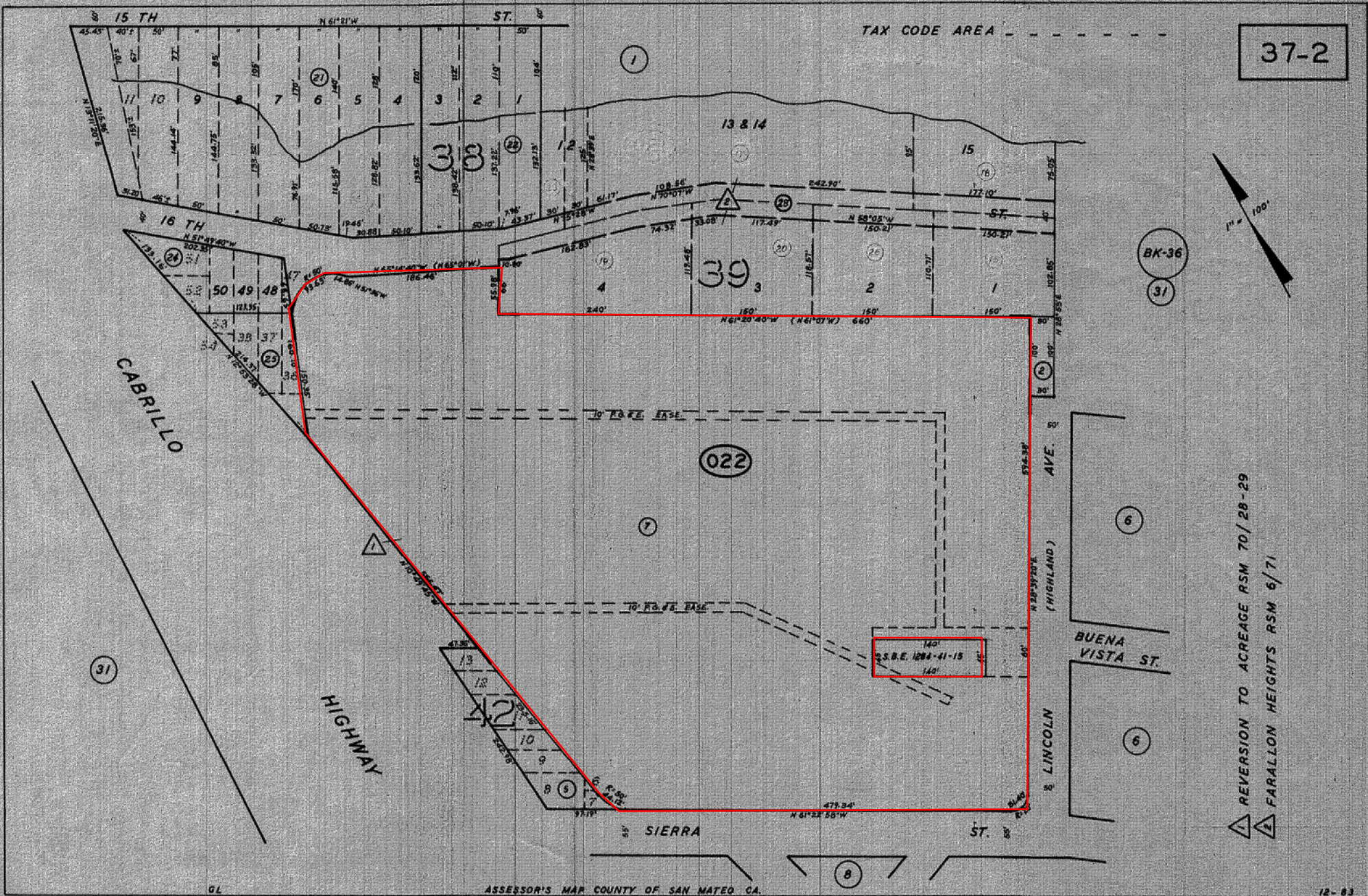
Please note that no information was found for your site or adjacent properties.

If you have any questions regarding the enclosed information, please do not hesitate to contact us.

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

APPENDIX D
REGULATORY AGENCY RECORDS

37-2



1 REVERSION TO ACREAGE RSM 70/28-29
 2 FARALLON HEIGHTS RSM 6/71

Lena

Gmail

COMPOSE

File Review

Inbox x

- Inbox
- Starred
- Important
- Chats
- Sent Mail
- Drafts (23)
- Trash
- [Imap]/Drafts
- [Imap]/Sent
- [Imap]/Trash (97)
- 337029
- 342175

 Lena

 EnvHealth EnvHealth <EnvHealth@...> Nov 2 (3 days ago) ☆

to me

Ms. Chervin:

The records request you submitted is complete. We have Well files for APN: 037-022-070 which is attached in pdf format.

We have no Hazardous Waste, Groundwater and Solid Waste files.

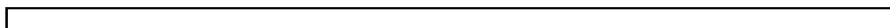
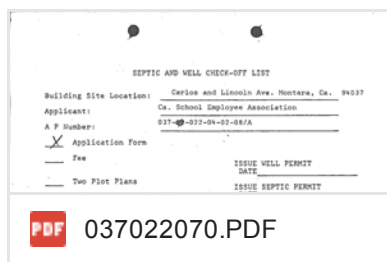
If you have any questions regarding the records/ files contact the Land Use Specialist Inspector, Ed Diaz at [650-372-6202](tel:650-372-6202).

Please confirm receipt of this email. Thank you.

Sheila Arkoncel

Office Assistant II
San Mateo County Environmental Health

No Hangouts Contacts
[Find someone](#)



SEPTIC AND WELL CHECK-OFF LIST

Building Site Location: Carlos and Lincoln Ave. Montara, Ca. 94037
 Applicant: Ca. School Employee Association
 A P Number: 037-~~00~~-022-04-02-08/A

Application Form

Fee

ISSUE WELL PERMIT
DATE _____

Two Plot Plans

ISSUE SEPTIC PERMIT
DATE _____

Water Company Letter

Well Report

ISSUE CCR 15
DATE _____

Chem. Analysis

ISSUE CCR 16 a
DATE _____

Bact. Analysis

Pump Test

Special Conditions

DATE

STATUS

12/19/90

Spoke w/ Jack Foster III of Farrallon
Vista Assoc. who drilled both (2) wells
on the one permit. His phone # is
349-1244. He stated that both wells
would be repaired so that the aquifers)
were adequately protected.

1-3-91

Upper Well has been sealed by welded steel
Lower well has been sealed flush with pad with
bolted steel plate. P.J.P.



McCracken, Byers & Haesloop LLP

a Multi-Disciplinary Practice
1528 So. El Camino Real, Suite 306
San Mateo, CA 94402
Tel: 650-377-4890
Fax: 650-377-4895
dbyers@landuselaw.com

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH DEPARTMENT

MAR 2 2005

RECEIVED

Michael D. McCracken
David J. Byers
Mark Haesloop, P.C.
James M. Brennan

Of Counsel
Patrick M. K. Richardson
Paralegals
Jill Briggs

March 1, 2005

Mr. Stanley Low
Department of Environmental Health
County of San Mateo
455 Counter Center, Fourth Floor
Redwood City, CA 94063

Re: Well Logs For Farallon Vista Associates

Dear Stan:

As you will recall quite sometime ago, I asked you to locate the well logs for the Farralon Vista Associates' parcel. I represent the California School Employees Association, who is the owner of the land. I believe the APN number is 037-022-040.

Please contact me with this information.

If you any questions, do not hesitate to call.

Sincerely,

McCRACKEN, BYERS & HAESLOOP LLP

David J. Byers
DAVID J. BYERS

*message w/ Dave on 3/7/05
for file review appointment (RD)
W-43-86*

San Mateo County Department of Public Health & Welfare

County Review Draft

590 Hamilton Street, Redwood City, California 94063

No. W-43-88

DOMESTIC WELL PERMIT

Permit to construct or install WELL

S

At Carlos and Lincoln Ave. Montara, Ca. 94037

Parcel No. 037-02-022-04-02-08/A

This certifies that approval has been granted to:

California School Employee Association
P.O. Box 640
San Jose, Ca. 95106

Contractor H.A.N. Drilling

Date.....	5/28/88
Fee paid.....	100.00
.....	5/18/88
Lot No.....	
Block No.....	
Ordinance No.....	
Environmental Health	
San Mateo County	

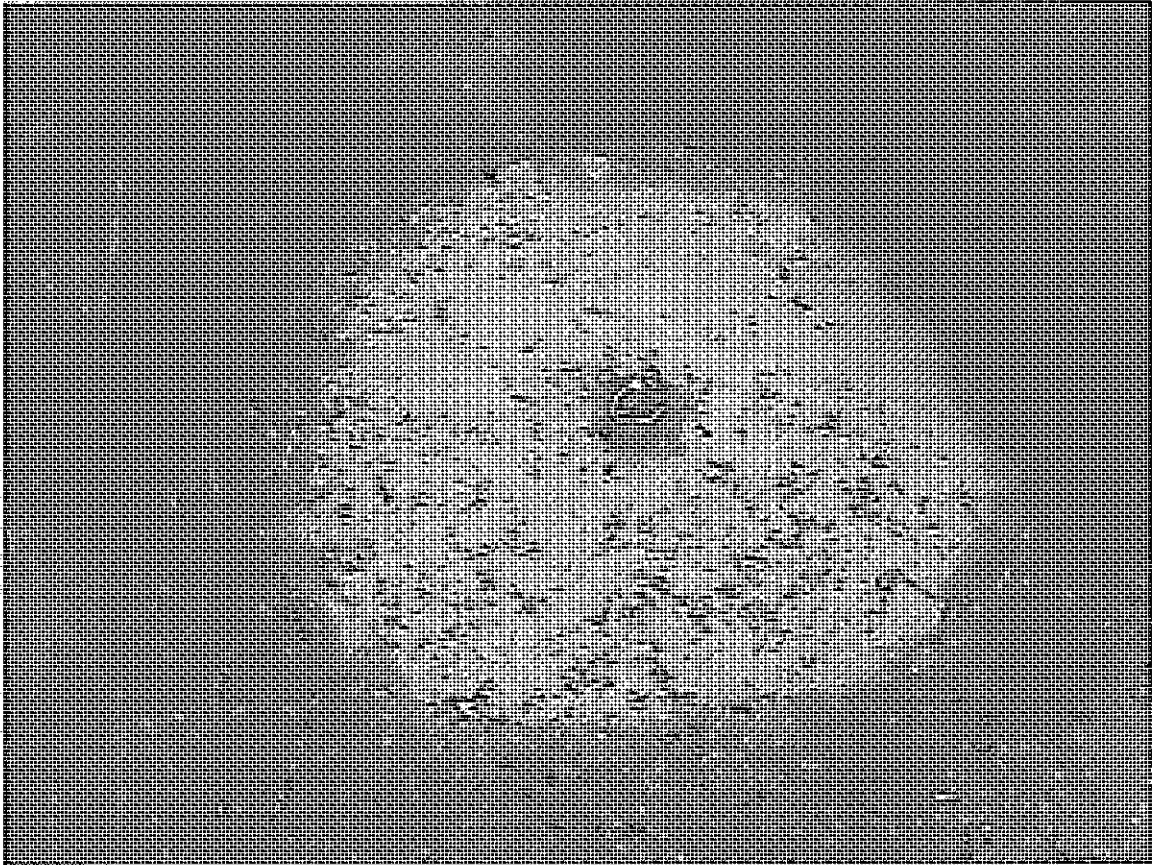
For the Director
Department of Public Health and Welfare

PERMIT ISSUED BY RICHARD WILSON

H.A.N. Drilling
2338 Willow Pass Road
Pittsburg, Ca. 94565

Richard Wilson
Public Health Engineer

Picture taken on 02-28-03 by Greti Wolf



S.W.
138-3053

SOIL AND WATER LABORATORY
14072 W. PARK AVENUE
BOULDER CREEK, CA 95006

From

Barroll Weddell
20 Marie Ct.
Half Moon Bay, Ca. 94019

TIME

DATE
7/15/88

County Review Draft

REPORT NO.

1908

TYPE OF SAMPLE

ANALYSES DESIRED AND REMARKS

Well Farallone Vista #1

Water Quality 7/9/88

Bacteriology

MPN
M F

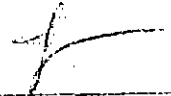
per 100 ml
per 100 ml

Chemistry

Iron
Manganese
Chloride
Nitrate
Total Dissolved Solids
Conductivity

ppm .125
ppm .06
ppm 241
ppm 20
ppm
 μ mhos/cm 880

Initial



304pm7

415-343-5795

JAMES S. MARSH
CONSULTING CIVIL ENGINEER

1-11-89 Gave Marsh name of
Suntren 036-104-3512
609pm
SAN MATEO, CA 94402

20 WEST THIRD AVE., #302

H.A.M. Drilling Inc. County Review Draft

2160 Ann Street
Concord, CA 94520
Lic. #426664

(415) 689-4004
(707) 448-4645

WELL YIELD REPORT INFORMATION

(415) 685-1082
(415) 432-9331

OWNERS NAME Farrallon Vista Assn.
PERMIT NUMBER IF KNOWN DRW #149554
DATE OF TEST June 18, 1986
TOTAL DEPTH OF WELL 400 ft.
STANDING WATER LEVEL 35 ft.
STATIC WATER LEVEL 168 ft.
PUMP SET AT 390 ft.
TIME TEST BEGAN 2:30p.m.

TIME	DRAWDOWN	G.P.M.	TIME	DRAWDOWN	G.P.M.
2:30p	35'	5			
3:30	100'	5			
4:00	93'	5			
4:58	160'	3			
5:05	165'	3			
5:30	168'	2			

Recovery time 7:00p.m. 165' 7:17p.m. 160'

I CERTIFY THAT THE ABOVE RESULTS ARE CORRECT FOR THE PUMP TEST AS PERFORMED
ON June 18, 1986.

June 19, 1986
DATE REPORT COMPLETED


H.A.M. DRILLING, INC. REPRESENTATIVE

"YOU'VE TRIED THE REST, NOW TRY THE BEST"



OFFICE OF ENVIRONMENTAL HEALTH
SAN MATEO COUNTY DEPARTMENT OF HEALTH SERVICES
WELL CONSTRUCTION APPLICATION

COUNTY GOVERNMENT CENTER
590 HAMILTON STREET
REDWOOD CITY, CALIF. 94063
(415) 363-4305

County Review Draft

DATE

PERMIT ISSUED: _____

PERMIT NO.: _____

FEE: \$135.⁰⁰

RECEIPT NO.: 11342

ASSIGNED TO: R.W.

ck# 1042

TO BE COMPLETED BY OWNER AND DRILLER

Property Owner: <i>California School Employee Association</i>	Well Owner (if different): <i>Farallon Vista Associates</i>	Drilling Co.: <i>H.A.M. Drilling</i>
Address: <i>P.O. Box 640</i>	Address of Well Site: <i>Carlos and Lincoln Ave.</i>	Driller's Contractor's License Number: <i># 426664</i>
City, State, Zip: <i>San Jose, CA. 95106</i>	City, State, Zip: <i>Montara, CA.</i>	Address: <i>1538 Willow Pass Road</i>
Telephone No.: <i>(408) 263-8000</i>	Telephone No.: <i>(415) 941-6548</i>	City, State, Zip: <i>Pittsburg, CA. 94565</i>
Assessor's Parcel No. of Well Site: <i>037-02-022-04-02-08/A</i>	Owner's /Consultant's Well No.: _____	Telephone No.: <i>(415) 432-9385</i>

Estimate depth of completed well: Less than 50 feet 50 to 300 feet Over 300 feet

Purpose of Well: Domestic Municipal/Industrial Agricultural * Monitoring Cathodic Protection

* Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive water samples for analyses. This includes wells constructed for general exploration and investigation purposes as well as those to be constructed in conformance with the Hazardous Materials Storage Permit Ordinance for site-specific groundwater monitoring of existing underground hazardous materials storage tanks.

THIS SECTION TO BE COMPLETED IF THIS APPLICATION IS FOR A MONITORING WELL

Purpose of Monitoring Well: To comply with City or County Hazardous Materials Ordinance Exploration studies
 Other (specify): _____

Name of Business: _____ Business License No.: _____

If proposed well is to meet compliance with a Hazardous Materials Storage Permit Ordinance has the City or County been contacted? Yes No

If yes, give name of City or County _____

Consultant's Name (company) _____

Address _____

City, State, Zip _____

Area Code _____ Telephone No. _____

Type of monitoring device: Groundwater Vadose
Monitoring well use: Depth Quality
 Depth and Quality
Vadose device installation: Vapor Interface
 Suction Lysimeter

SIGNATURE OF RESPONSIBLE PROFESSIONAL _____

REGISTRATION NO. CIVIL ENGINEER _____ -- OR -- CERTIFICATE NO. ENGINEERING GEOLOGIST _____

TOPOGRAPHIC FEATURES

Is well to be constructed: In a public sidewalk In a public road On public property On private property

Within 50 feet of the top of a creek bank Yes No Within 50 feet of any existing well Yes No

Within 50 feet of a sanitary sewer Yes No Within 150 feet of a cesspool or seepage pit Yes No

Within 100 feet of a pit privy, septic tank, leachfield Yes No

CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the San Mateo Co. Ordinance, and, if applicable, the Hazardous Materials Storage Permit Ordinance of the County of San Mateo. It is my responsibility as the well owner to notify the County of any changes in the purpose of this well from that which is indicated on this application form.

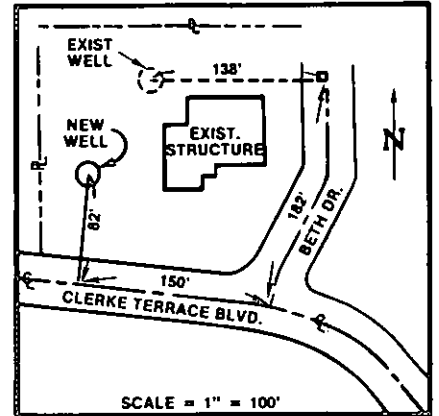
WELL OWNER/AGENT: *[Signature]* DATE: _____
SIGNATURE OF DRILLER/AGENT: *[Signature]* DATE: _____

I certify that in the performance of the work for which this permit is being issued I shall not employ any person in any manner so as to become subject to the Workmen's Compensation laws of California.
 I certify that I have a valid Workmen's Compensation Coverage.

Based on information on the application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start may be withheld until a field check verifies all statements made on application by Permittee and is also subject to the "General" and "Special" Conditions stated below.

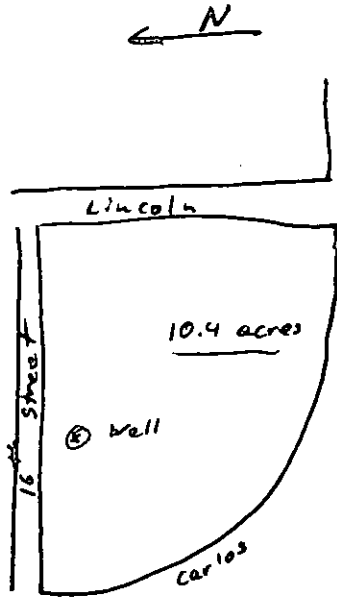
WELL LOCATION (Draw Accurately)
Recommend using Assessor's Map

1. Sketch well location to scale, show dimension to nearest foot.
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads or highways.



SCALE = 1" = 100'

FIGURE 1

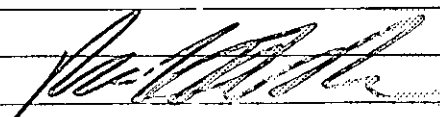



Scale: 1" = _____

GENERAL CONDITIONS:

- A. Construction under this Permit is subject to any instructions by Health Department representative relative to the "Standards for the Construction of Wells in San Mateo County".
- B. Permit may be voided before work begins if field check reveals any misrepresentation under "well location" or "Topographic Features" on application.
- C. This Permit is valid only for the purpose specified herein. No change in construction procedure as prescribed on attached Standards and in Special Conditions below will be allowed except upon written permission of the County.
- D. Permittee shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend and save the County of San Mateo, its officers, agents and employees free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this Permit including, but not limited to property damage, personal injury and wrongful death.
- E. Compliance with "CAL/OSHA" California Labor Code Section 6300 (and following) is required.
- F. Water quality and production from all wells to be used for domestic water supply must be approved by the Office of Environment Health.
- G. Permit will be automatically cancelled if not exercised or if extension is not requested by Permittee within 90 calendar days of above date.
- H. Driller is to complete State DWR Form 188 and mail original to San Mateo County Health Services within 30 days of completion of well construction.
- I. For the construction of water producing wells, a Permittee must be a licensed water well drilling contractor unless the work is to be done by the landowner or employees of the landowner. (See Business & Professions Code § 7026.3, 7028).
- J. For monitoring wells refer to State Water Well Standards 74-81. Dry holes shall be backfilled within one week of drilling. Well destruction shall be done in accordance with State and County Standards.
- K. Each well site requires a separate Well Construction Application, and permit.

SPECIAL CONDITIONS:

 APPROVED:  DATE: 

APPENDIX E

**ENVIRONMENTAL LIEN SEARCH AND/OR
CHAIN OF TITLE**

ENVIRONMENTAL LIENS / AUL REPORT

AFX Corp., Inc.

TitleSearch.com - EnvironmentalLiens.com

Order Number	350428	Effective Date	10/28/2015	
Last name	CALIFORNIA SCHOOL EM ASSN			
First name		County	SAN MATEO	
Street address		City	MOSS BEACH	State CALIFORNIA
Mailing address	2045 LUNDY AVE, SAN JOSE CA 95131-1825			
Parcel Number	037-022-070	Alternate parcel number		
Legal Desc.	10.875 AC MOL BND WLY BY CABRILLO HWY SLY BY SIERRA ST ACREAGE CABRILLO UNIFIED SCHOOL DISTRICT			

Federal, state, and local environmental records have been researched, resulting in the following list of recorded environmental liens and AUL's (activity and usage limitations) for the subject property having been found:

ENVIRONMENTAL LIENS, IC s, LUC s, AUL s, & DEUR s

- 1 NONE FOUND WITH UNITED STATES EPA
- 2 NONE FOUND WITH CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
- 3 NONE FOUND IN THE SAN MATEO COUNTY OFFICIAL LAND RECORDS
- 4

JUDGMENTS, LIENS

- 1 NONE FOUND WITH CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
- 2 NO PENDING ENFORCEMENT ACTION LOCATED
- 3
- 4

OTHER INFORMATION:

This search is subject to the terms and conditions at TitleSearch.com.

APPENDIX F

OTHER SUPPORTING DOCUMENTATION



Instructions: Please complete the following questionnaire to the best of your knowledge.

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE			
PROJECT/SITE INFORMATION			
Project Street Address(es): Cabrillo Hwy & Sierra St			
City: Montara	County: San Mateo	State: Ca	Zip:
Parcel Number(s): # 037-022-070			
CONTACT INFORMATION			
<i>Contact</i>	<i>Name</i>	<i>Telephone Number</i>	<i>Years Associated w/Site</i>
Owner:	California School Employees Association	800-632-2128	Since 1969 – (46years)
Site Contact:	Roy Ramos	408-433-1269	15years
Key Site Mgr:	Roy Ramos		
Previous Owner(s), Operators and/or Occupants:			
PROPERTY USE AND SPECIFICATIONS			
<input type="checkbox"/> Single-Family Residential		x Vacant or undeveloped	
<input type="checkbox"/> Multi-Family Residential		<input type="checkbox"/> Agricultural <i>specify type:</i>	
<input type="checkbox"/> Commercial Office		<input type="checkbox"/> Industrial <i>specify type:</i>	
<input type="checkbox"/> Commercial Retail		<input type="checkbox"/> Other <i>specify type:</i>	
Provide a general site description:			
Provide all known current/former addresses and/or parcel numbers:			
Total Property Size: 10.875 Acers		Original Construction Date:	
Total Number of Buildings: NA		Was Construction Phased? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk	
Total Sq. Ft. of Buildings: NA		Dates of Renovations/Phases:	
Are there any plans for site redevelopment or change in use? <input type="checkbox"/> Yes x No If yes, please describe:			
Are there any bodies of water on or immediately adjacent to the site? xYes <input type="checkbox"/> No If yes, please describe: The Pacific Ocean is near			
Electricity Provider: NA		Gas Provider: NA	
Heating System Fuel Source(s): NA		Cooling System Power Source: NA	
Potable Water Source/Provider:			
Any waste water discharge at the site? <input type="checkbox"/> Septic Tank/Leachfield <input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Other		Sanitary Sewer Provider (if applicable):	
OCCUPANTS/TENANTS			
<i>Current Occupant(s)/Tenant(s)</i>	<i>Length of occupancy</i>	<i>Brief description of on-site operations</i>	
NA			

<i>Previous Occupant(s)/Tenant(s)</i>	<i>Length of occupancy</i>	<i>Brief description of on-site operations</i>

Has the subject site ever been occupied by the following: NONE-
 Dry Cleaner Gas Station Printing Facility Manufacturing Facility
 If yes, provide length of occupancy:

Have any previous investigations been performed at the subject property? Yes No If Yes, are copies available?

If Yes, note type and describe: Phase I ESA Phase II Asbestos Lead Paint Radon

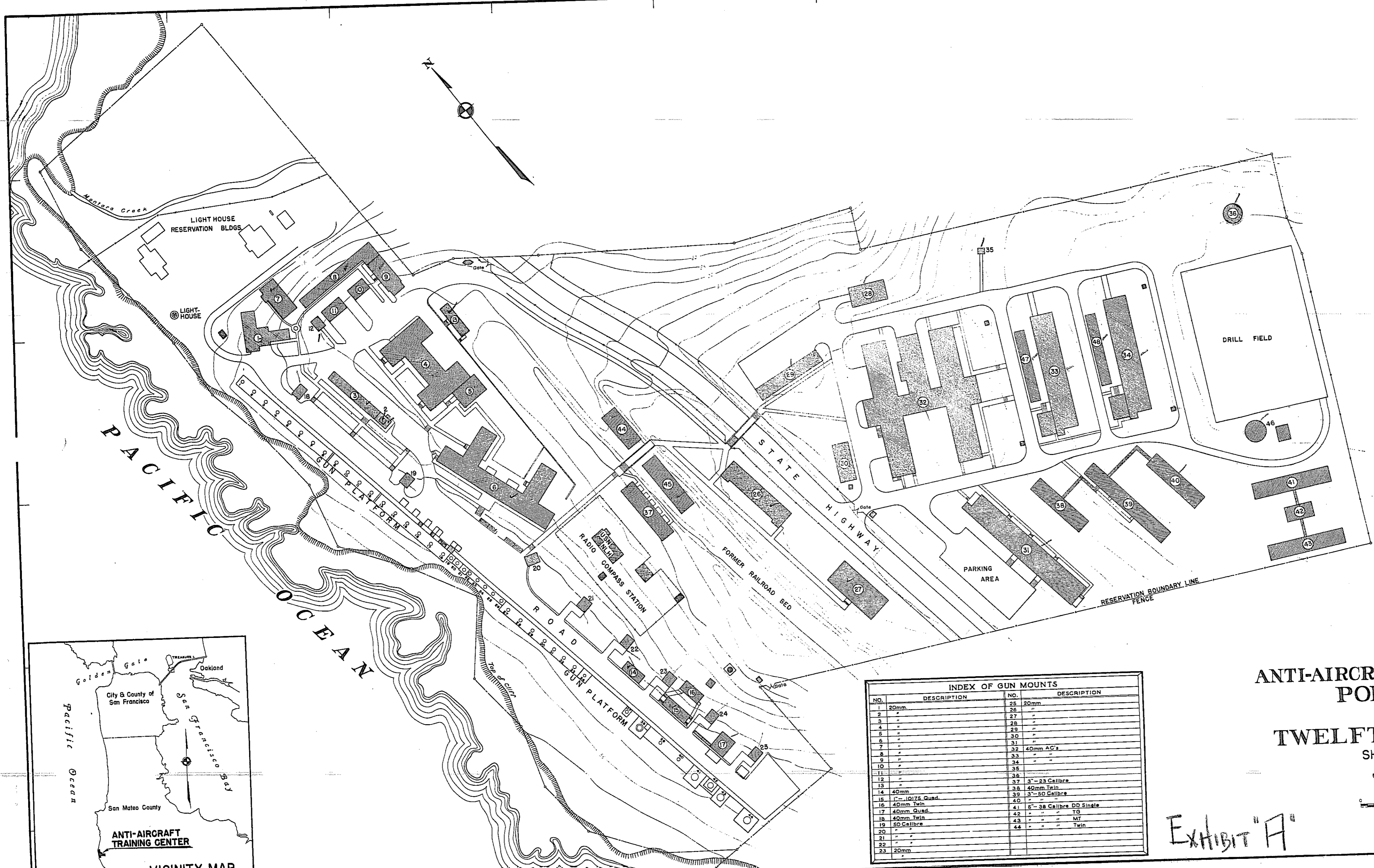
ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions, **either current or former**, on the subject site? **NOTE:** If applicable, please provide inventory records, inspection records and material safety data sheets to site inspector during site inspection.

<i>Environmental Condition/Issue</i>	<i>Response</i>	<i>Notes on Yes Responses</i>
Aboveground Storage Tanks	<input type="checkbox"/> Yes X No	
Underground Storage Tanks	<input type="checkbox"/> Yes <input type="checkbox"/> No	Unaware
Hazardous/Toxic Substances	<input type="checkbox"/> Yes x No	
Stored Chemicals	<input type="checkbox"/> Yes x No	
Chemical Spills/Releases	<input type="checkbox"/> Yes x No	
Dump Areas/Landfills	x Yes <input type="checkbox"/> No	Some of the local landscape contractors have dumped their waste on the property
Waste Treatment Systems	<input type="checkbox"/> Yes x No	
Wastewater Discharges	<input type="checkbox"/> Yes x No	
Floor Drains/Sumps/Clarifiers	<input type="checkbox"/> Yes X No	
Pits, Ponds, Lagoons	<input type="checkbox"/> Yes X No	
Stained Soil/Vegetation	<input type="checkbox"/> Yes X No	
Pesticide/Herbicide Use	<input type="checkbox"/> Yes X No	
Polychlorinated Biphenyls (PCBs)	<input type="checkbox"/> Yes X No	
Electrical Transformers	<input type="checkbox"/> Yes X No	
Hydraulic Lifts	<input type="checkbox"/> Yes X No	

Elevators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Asbestos	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<i>Environmental Condition/Issue</i>	<i>Response</i>	<i>Notes on Yes Responses</i>
Lead-based paint	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Oil/Gas Wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Environmental Clean-ups	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Environmental Permits	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
OTHER ENVIRONMENTAL CONDITIONS		
<p>Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, provide brief explanation.</p>		
<p>Are you aware of any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, provide brief explanation.</p>		
<p>Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, provide brief explanation.</p>		
<p>Are you aware of any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, provide brief explanation.</p>		
<p>Are you aware of any cases of extreme water damage or mold throughout the building(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, provide brief explanation.</p>		
<p>Person completing questionnaire: Roy Ramos</p>		
<p>Title/Affiliation to the subject property: Director Facilities & Real Estate for CSEA</p>		
<p>Number of years associated with the subject property: 15 years</p>		

Date: November 9, 2015



LIST OF BUILDINGS			
NO.	USE	ZONE	FL. ELEV.
1	ADMINISTRATION BUILDING	B-2	79.0
2	RANGE CONTROL TOWER	C-3	85.2
3	FIRE CONTROL BUILDING	C-3	92.0
4	CLASSROOM BUILDING NO. 8	C-3	89.0
5	NIGHT LOOKOUT TRAINER BUILDING	C-3	
6	CREW'S BARRACKS NO. 1	B-2	73.0
7	POLOROID TRAINING BUILDING NO. 1	B-2	85.0
8	CLASSROOM BUILDING NO. 2	B-3	88.5
9	THEATRE	B-3	
10	CARPENTER SHOP	B-3	
11	PUMP HOUSE	B-2	
12	PAINT LOCKER	B-3	
13	CREW'S LATRINE NO. 1	E-4	
14	LOADING MACHINE BUILDING NO. 1	E-4	
15	LOADING MACHINE BUILDING NO. 2	E-4	
16	CREW'S LATRINE NO. 2	E-5	
17	MARK 37 DIRECTOR BUILDING	C-2	71.8
18	MAGAZINE NO. 1	C-3	
19	MAGAZINE NO. 2	D-4	
20	MAGAZINE NO. 3	D-4	
21	MAGAZINE NO. 4	D-4	
22	MAGAZINE NO. 5	E-4	
23	MAGAZINE NO. 6	E-5	
24	MAGAZINE NO. 7	E-5	
25	MAGAZINE NO. 8	C-5	
26	POLOROID TRAINING BUILDING NO. 1 AND 2	D-6	
27	VISUAL EDUCATION BUILDING	D-6	
28	MAIN BOILER ROOM	B-6	118.0
29	GARAGE	C-5	
30	LIBRARY	C-6	
31	BACHELOR OFFICERS QUARTERS	D-7	139.0
32	SUBSISTENCE BUILDING	C-6	137.0
33	CREW'S BARRACKS NO. 2	C-7	155.0
34	CREW'S BARRACKS NO. 3	C-7	167.0
35	INCINERATOR	B-8	235.0
36	WATER TOWER	D-4	
37	CLASSROOM BLDG.	D-7	
38	CREW'S BARRACKS NO. 5	D-7	
39	CREW'S BARRACKS NO. 6	D-7	
40	I.A.D. HANGAR	D-8	
41	CREW'S BARRACKS NO. 7	D-8	
42	CREW'S HEAD	D-8	
43	CREW'S BARRACKS NO. 8	C-4	
44	MARK 3 TRAINER BLDG.	C-4	
45	MARK 3 TRAINER BLDG.	C-4	
46	PUMPHOUSE & WATER STORAGE TANK	C-8	
47	LOADING SHED	C-7	
48	LOADING SHED	C-7	

INDEX OF GUN MOUNTS			
NO.	DESCRIPTION	NO.	DESCRIPTION
1	20mm	28	20mm
2	"	26	"
3	"	27	"
4	"	28	"
5	"	29	"
6	"	30	"
7	"	31	"
8	"	32	40mm AC's
9	"	33	"
10	"	34	"
11	"	35	"
12	"	36	"
13	"	37	3" - 23 Calibre
14	40mm	38	40mm Twin
15	1" - 10176 Quad.	39	3" - 50 Calibre
16	40mm Twin	40	"
17	40mm Quad.	41	5" - 38 Calibre DD Single
18	40mm Twin	42	"
19	50 Calibre	43	"
20	"	44	"
21	"		
22	"		
23	20mm		

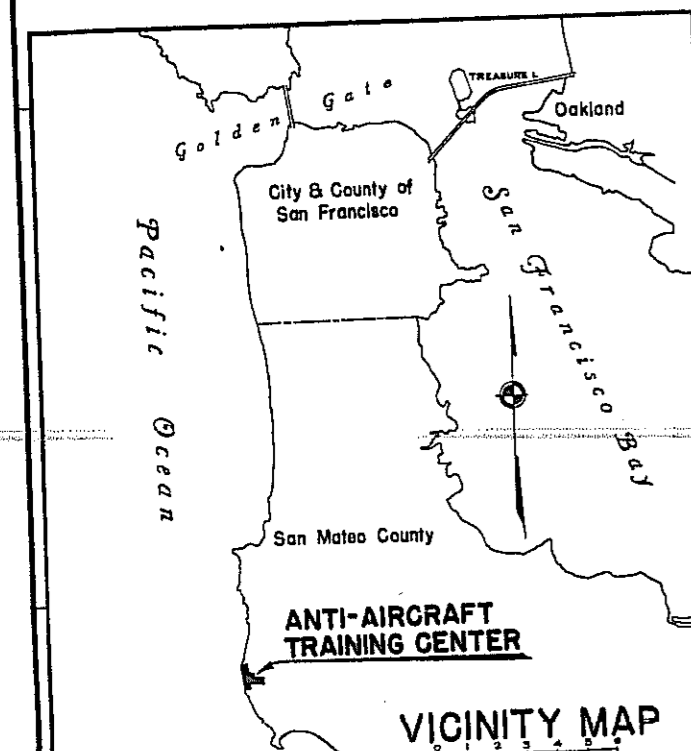
MAP OF
ANTI-AIRCRAFT TRAINING CENTER
POINT MONTARA
CALIFORNIA
TWELFTH NAVAL DISTRICT
SHOWING CONDITIONS ON
JUNE 30, 1945

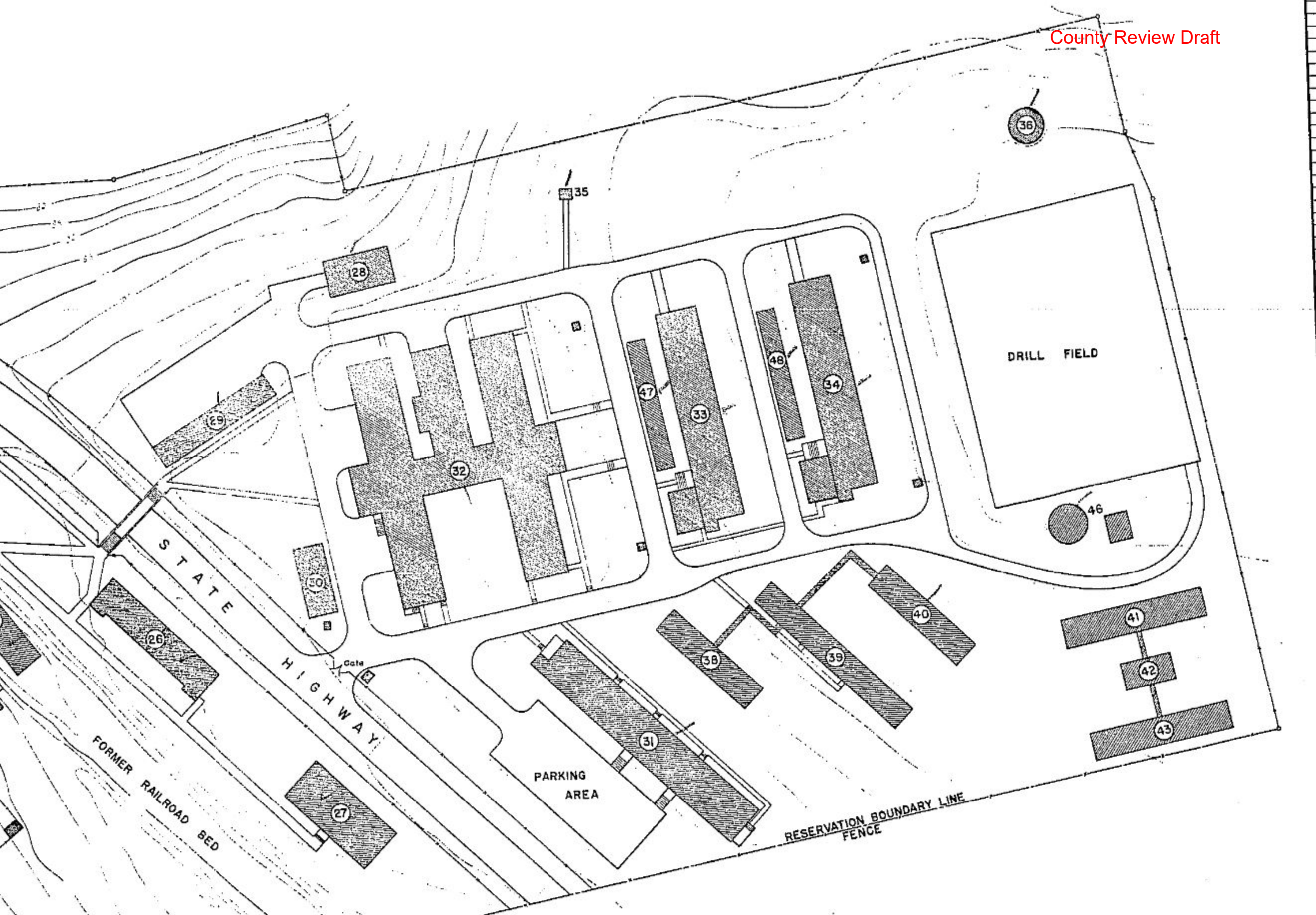
SCALE OF FEET
0 50 100 150 200 250

W. J. ...
CAPTAIN (C.E.C.) U.S. NAVY
INSTR. CI. PUBLIC WORKS OFFICER

DC-16002

EXHIBIT "A"





LIST OF BUILDINGS

NO.	USE	ZONE	FL ELEV.
1	ADMINISTRATION BUILDING	B-2	73.0
2	RANGE CONTROL TOWER	C-3	
3	FIRE CONTROL BUILDING	C-3	85.2
4	CLASSROOM BUILDING NO. 3	C-3	92.0
5	NIGHT LOOKOUT TRAINER BUILDING	C-3	89.0
6	CREW'S BARRACKS NO. 1	C-3	
7	POLOROID TRAINING BUILDING NO. 1	B-2	73.0
8	CLASSROOM BUILDING NO. 2	B-2	85.0
9	THEATRE	B-3	85.5
10	CARPENTER SHOP	B-3	
11	PUMP HOUSE	B-2	
12	PAINT LOCKER	B-2	
13	CREW'S LATRINE NO. 1	B-3	
14	LOADING MACHINE BUILDING NO. 1	E-4	
15	LOADING MACHINE BUILDING NO. 2	E-4	
16	CREW'S LATRINE NO. 2	E-4	
17	MARK 37 DIRECTOR BUILDING	E-5	
18	MAGAZINE NO. 1	C-2	71.8
19	MAGAZINE NO. 2	C-3	
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21	MAGAZINE NO. 4	D-4	
22	MAGAZINE NO. 5	D-4	
23	MAGAZINE NO. 6	E-4	
24	MAGAZINE NO. 7	E-5	
25	MAGAZINE NO. 8	E-5	
26	POLOROID TRAINING BUILDING NO. 1 AND 2	C-5	
27	VISUAL EDUCATION BUILDING	D-6	
28	MAIN BOILER ROOM	B-6	115.0
29	GARAGE	C-5	
30	LIBRARY	C-6	
31	BACHELOR OFFICERS QUARTERS	D-7	139.0
32	SUBSISTENCE BUILDING	C-6	137.0
33	CREW'S BARRACKS NO. 2	C-7	155.0
34	CREW'S BARRACKS NO. 3	C-7	167.0
35	INCINERATOR	B-6	
36	WATER TOWER	B-8	235.0
37	CLASSROOM BLDG.	D-4	
38	CREW'S BARRACKS NO. 5	D-7	
39	CREW'S BARRACKS NO. 6	D-7	
40	T.D.D. HANGAR	D-8	
41	CREW'S BARRACKS NO. 7	D-8	
42	CREW'S HEAD	D-8	
43	CREW'S BARRACKS NO. 8	D-8	
44	MARK 3 TRAINER BLDG.	C-4	
45	MARK 3 TRAINER BLDG.	C-4	
46	PUMPHOUSE & WATER STORAGE TANK	C-8	
47	LOADING SHED	C-7	
48	LOADING SHED	C-7	

County Review Draft

APPENDIX G
QUALIFICATIONS

Lena Chervin – Associate Consultant

B.S. – Environmental Toxicology, University of California at Davis

Ms. Chervin has approximately one year of experience in the environmental field. Her past experiences include working for a toxicology consulting company in the Bay Area.

Project experience for Ms. Chervin includes:

- Phase I Environmental Site Assessments
- Environmental Transaction Screens
- Environmental Transaction Analyses
- Regulatory Database Review
- Historical Records Review

Ms. Chervin provides project management to ensure ASTM compliance and satisfaction of client requirements.

Prior to joining the environmental service industry, Ms. Chervin spent more than four years studying a diverse range of environmental disciplines including: toxicology, environmental fate and transport of contaminants, exposure and dose assessment, soil science, water quality management, and environmental law and policy.

Shannon Lefebvre – National Client Manager

BS Earth Science, Western Michigan University

Ms. Lefebvre has nearly 20 years of experience in the environmental services industry, primarily as a project manager working directly with clients to fulfill their environmental needs. Ms. Lefebvre has been responsible for management of small local clients as well as large national and regional accounts.

Project experience for Ms. Lefebvre includes:

- Phase I Environmental Site Assessments – Responsible for scheduling and managing all phases of environmental assessments and due diligence including debt and equity type clients. Properties range from large and small acreage raw land to residential, agricultural, retail, commercial and industrial properties. Projects included single sites and large portfolios of sites.
- Phase II Environmental Site Assessments – Responsible for planning and coordinating all phases of subsurface soil investigation at former landfills, agricultural operations, underground storage tank (UST) sites, dry cleaners, and industrial facilities; interpretation of analytical results and technical review of peer reports. Projects included removal of USTs and associated remediation for Leaking Underground Storage Tank (LUST) case closure.
- National Environmental Policy Act (NEPA) Compliance – Responsible for all aspects of NEPA compliance for telecommunication towers including tribal notification, review of archaeology reports and endangered species reports, State Historic Preservation Office (SHPO) submittals, and windshield surveys), for preparation of Environmental Assessments/Finding of No Significant Impact (FONSI), and Environmental Impact Statements (EIS).
- Stormwater Pollution Prevention Plans (SWPPP)– Responsible for preparation of SWPPPs for Arizona Department of Transportation (ADOT) statewide maintenance facilities, interpretation of analytical results of storm water sampling from ADOT facilities for comparison to regulatory requirements and preparation of reports; conducting annual SWPPP inspections for City of Phoenix Aviation Department, preparation of ADOT Quality Assurance Manual and ADOT Enforcement Response Plan.

- Indoor Air Quality - Responsible for the management and planning of assessment and remediation oversight regarding indoor quality issues for apartment complexes, dialysis facilities, mobile office units, retail centers, and banking workplaces throughout the U.S. Roles include instituting assessment criteria and remediation strategies.
- Asbestos – Responsible for managing asbestos survey and abatement projects throughout the U.S. Properties include multi-family complexes, banking centers, dialysis facilities, mobile office units and retail facilities. Work performed ranged from due diligence and/or proposed demolition projects, including large scale retail malls, to localized assessment for renovations for property upgrades.