

### PHASE I ENVIRONMENTAL SITE ASSESSMENT

# **Shady Rest Tract**

#### Town of Mammoth Lakes State of California

Prepared in General Accordance with:

**ASTM E 1527-13** 

Standard Practice for Environmental Site Assessments

Prepared for:

#### **Town of Mammoth Lakes**

437 Old Mammoth Road, Suite R Mammoth Lakes, California 93546 Attn: Sandra Moberly

3y:

#### **Michael Baker International**

5 Hutton Centre Drive, Suite 500 Santa Ana, California 92707

**January 2, 2018** 

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By:



5 Hutton Centre Drive, Suite 500 Santa Ana, CA 92707

January 2, 2018

JN 163307



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Town of Mammoth Lakes 437 Old Mammoth Road, Suite R Mammoth Lakes, California 93546 Attn: Sandra Moberly

SUBJECT: Phase I Environmental Site Assessment for the Shady Rest Tract located in the Town of Mammoth Lakes, California.

Dear Ms. Sandra Moberly,

Michael Baker International (Michael Baker), is pleased to submit this Phase I Environmental Site Assessment (ESA) for the above referenced project, herein referenced as the "subject site." The goal of this Phase I ESA is to identify recognized environmental conditions (RECs) associated with the subject site. This Phase I ESA has been prepared for the sole use of **Town of Mammoth Lakes**, for the above-referenced subject site. Neither this Phase I ESA, nor any of the information contained herein, shall be used or relied upon for any purpose by any person or entity other than **Town of Mammoth Lakes**.

The Phase I ESA was prepared using methods consistent with the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments, the scope of services, and inherent limitations presented in our proposal. The Phase I ESA is not intended to present specific quantitative information as to the actual presence of hazardous substances on or adjacent to the subject site, but is to identify RECs based on available information.

Should you or your staff have any questions or concerns after reviewing the enclosed report, please do not hesitate to contact me at 949/855-5747.

Sincerely,

Kristen Bogue

**Environmental Professional** 

Planning/Environmental Services

### STATEMENT OF ENVIRONMENTAL PROFESSIONAL

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

Agnature of Michael Baker Environmental Professional

Kristen Bogue

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### LIST OF ACRONYMS

ACM Asbestos Containing Materials

APN Assessor's Parcel Number AST Aboveground Storage Tank

ATSDR Agency for Toxic Substances and Disease Registry

AULs Activity and Use Limitations

CERCLIS Comprehensive Environmental Response, Compensation, and Liability

Information System (maintained by the Environmental Protection Agency)

CFR Code of Federal Regulations

CORRACTS facilities subject to Corrective Action under RCRA
CPSC United States Consumer Product Safety Commission

DDD Dichlorodiphenyldichloroethane
DDE Dichlorodiphenyldichloroethylene
DDT Dichlorodiphenyltrichloroethane

DOGGR California Department of Oil, Gas, and Geothermal Resources

DTSC Department of Toxic Substances Control

EDR Environmental Data Resources

EPA United States Environmental Protection Agency

EPCRA Emergency Planning and Community Right to Know Act (also known as SARA

Title III), 42 U.S.C. §§11001-11050 et seq.)

ERNS emergency response notification system

ESA Environmental Site Assessment

FOIA U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No.

104-231, 110 Stat.)

FR Federal Register

HREC Historical Recognized Environmental Condition

ICs Institutional Controls
LBP Lead Based Paints

LUFT Leaking Underground Fuel Tank
LUST Leaking Underground Storage Tank
MDBM Mount Diablo Base and Meridian

MSDS Material Safety Data Sheet

msl Mean sea level

NCP National Contingency Plan

NFRAP former CERCLIS sites where no further remedial action is planned under

**CERCLA** 

NPDES National Pollutant Discharge Elimination System

NPL National Priorities List PCBs Polychlorinated Biphenyls

REC Recognized Environmental Condition

RCRA Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 et seq.)

RWQCB Regional Water Quality Control Board

SCS Soil Conservation Service

TPH Total Petroleum Hydrocarbons

TRI Toxics Release Inventory

TSDF hazardous waste treatment, storage, or disposal facility

USDA United States Department of Agriculture

USGS United States Geological Survey
UST Underground Storage Tank

### **EXECUTIVE SUMMARY**

Michael Baker has performed a Phase I ESA in conformance with the scope and limitations of ASTM International (ASTM) E 1527-13 Standard Practice of the Shady Rest Tract (Assessor's Parcel Numbers [APNs] 0350-1002-0000 and 0351-0000-3000), within the Town of Mammoth Lakes, California, the subject site. Any exceptions to, or deletions from, this practice are described in <u>Section 1.0</u>, <u>Introduction</u>, of this Phase I ESA. This Phase I ESA has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject site.

<u>Section 6.1, Findings and Opinions</u>, documents Michael Baker's findings and opinions as to whether or not a REC (or Conditional Recognized Environmental Condition [CREC]) is present at the subject site.

# SECTION 1.0 INTRODUCTION

#### 1.1 PURPOSE

The purpose of conducting this Phase I Environmental Site Assessment (ESA) is to identify Recognized Environmental Conditions (RECs) as defined by the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments (Standard Practice). The ASTM E 1527-13 Standard Practice defines the term REC as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not RECs."

This Phase I ESA was conducted in accordance with the ASTM E 1527-13 Standard Practice and satisfies the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Section 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting an All Appropriate Inquiries (AAI) investigation into the previous ownership and uses of a property is to meet the provisions necessary for the innocent landowner, contiguous property owner, or bona fide prospective purchaser to qualify for certain landowner liability protections under CERCLA. To assist in understanding the terminology contained in this Phase I ESA, a glossary of terms associated with the ASTM E 1527-13 Standard Practice is provided in <u>Appendix A</u>, <u>ASTM Terminology</u>.

#### 1.2 DETAILED SCOPE OF SERVICES

This scope of work follows the ASTM E 1527-13 Standard Practice. The ASTM E 1527-13 Standard Practice outlines a procedure for completing Phase I ESAs that includes review of Federal, tribal, State, and local government records; site reconnaissance; interviews with current owners, operators, occupants, and government officials; and report preparation. This practice does not include any testing or sampling of materials (for example, soil, water, air, building materials, etc.). This Phase I ESA is not intended to provide specific qualitative or quantitative information as to the actual presence of hazardous substances at the subject site, but is to merely identify the potential presence based on available information.

#### 1.3 SIGNIFICANT ASSUMPTIONS

Unless stated otherwise in this Phase I ESA, Michael Baker assumes that groundwater flow follows the topography of the subject site.

In lieu of reasonably available public information pertaining to groundwater contamination, Michael Baker assumes that groundwater plume dimensions are within the 90<sup>th</sup> percentile of plumes determined by research conducted as part of ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in real Estate Transactions; refer to <u>Table 1-1</u>, <u>Groundwater Plume Dimension Assumptions</u>.

Table 1-1 Groundwater Plume Dimension Assumptions

Chemical Contamination	Length of Plume Up- Gradient From Source	Length of Plume Down- Gradient from Source	Maximum Width of Plume From Source		
Chemical of Concern	100 feet	1,760 feet	365 feet		
Petroleum Hydrocarbon Chemical of Concern					
With Free Product	100 feet	528 feet	165 feet		
Dissolved	100 feet	528 feet	95 feet		

Notes: These dimension assumptions are based on research conducted as part of ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in real Estate Transactions, which has determined that 90 percent of plumes are these dimensions or less.

Source: Anthony J. Buonicore, *Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources*, Paper 2011-A-301-AWMA, June 2011.

#### 1.4 LIMITATIONS, DEVIATIONS, AND EXCEPTIONS

Michael Baker did encounter data failure with regard to source intervals during the course of this Phase I ESA. Michael Baker was unable to obtain specific property land use information of the subject site within a five-year interval, from 1914 to the 1920s. During this time, summer cabins administered by the United States Forest Service (Shady Rest Summer House Tract) were constructed along Tavern Road on the subject site. However, no indicators or potential hazardous materials were noted in relation to this use and no evidence of other development prior to construction of the on-site cabins was noted. Although Michael Baker did not achieve data within a five-year interval of this change in use at the subject site, no other records reviewed as part of this Phase I ESA have suggested that land uses, other than those noted, have been associated with the subject site. Thus, it is the opinion of Michael Baker that this limitation is not a significant data gap.

The Town of Mammoth Lakes provided Michael Baker's Property Owner questionnaire to the current property owner. However, no response has been received at the time of the Phase I

ESA. Based on available information reviewed as part of this Phase I ESA, past and current onsite uses appeared to historically consist of residential uses and vacant land. No evidence to suggest other uses was noted. Based on the historical documentation reviewed, it is Michael Baker's opinion that these interviews would not increase the knowledge of the Environmental Professional such that the conclusions of this Phase I ESA would change. Thus, it is the opinion of Michael Baker that this deviation is not a significant data gap.

No other limitations, deviations, or exceptions were encountered during the preparation of this Phase I ESA. Further, no additional scope items, or items outside of the scope of a Phase I ESA E 1527-13 Standard Practice, were conducted as part of this Phase I ESA.

#### 1.5 USER RESPONSIBILITIES

This Phase I ESA does not satisfy continuing obligations under CERCLA liability protections provided for innocent landowners, bona fide prospective purchasers, and contiguous property owners, which includes, but is not limited to, duties required after property acquisition (i.e., compliance with land use restrictions and institutional controls, undertaking "reasonable steps" with respect to hazardous substances releases, compliance with other obligations such as reporting obligations and information requests, etc.).

ASTM E 1527-13 Standard Practice defines the user as "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager." The purpose of this section is to describe tasks to be performed by the user that will help identify the possibility of recognized environmental conditions in connection with the subject site. These tasks do not require the technical expertise of an environmental professional and are not required to be performed by environmental professional performing a Phase I ESA. The user questionnaire utilized within this Phase I ESA is optional to the user and aids the environmental professional in gathering information from the user that may be material to identifying RECs (refer to Section 2.0, *User Provided Information*, for a discussion of the User Questionnaire conducted as part of this Phase I ESA. It should be noted that the following tasks are required, by the user of this Phase I ESA, to satisfy the requirements of conducting all appropriate inquiries.

# 1.5.1 REVIEW TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULS)

To meet the requirements of 40 CFR 312.20 and 312.25, a search for the existence of environmental liens and AULs that are filed or recorded against the property must be conducted. Environmental liens and AULs are legally distinct instruments and have very different purposes and both can commonly be found within recorded land title records (e.g., County Recorder/Registry of Deeds). The types of title reports that may disclose environmental liens and AULs include Preliminary Title Reports, Title Commitments, Condition of Title, and Title Abstracts. Chain of title reports will not normally disclose environmental liens or AULs. Environmental liens and AULs that are imposed by judicial authorities may be recorded or filed in judicial records only. In jurisdictions where environmental liens or AULs are only recorded or filed in judicial records, the judicial records must be searched for environmental liens and AULs. Any environmental liens and AULs known to the user should be reported to the environmental professional conducting a Phase I Environmental Site Assessment. Unless added by a change in the scope of work to be performed by the environmental professional (refer to Section 1.4, Limitations, Deviations, and Exceptions), this practice does not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations. The user should either (1) engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations currently recorded against or relating to the property, or (2) negotiate such an engagement of a title company or title professional as an addition to the scope of work to be performed by the environmental professional.

# 1.5.1.1 Reasonably Ascertainable Title and Judicial Records for Environmental Liens and Activity and Use Limitations

Environmental liens and AULs that are recorded or filed in any place other than recorded land title records are not considered to be reasonably ascertainable unless applicable Federal, tribal, State, or local statues, or regulations specify a place other than recorded land title records for recording or filing of environmental liens and AULs.

#### 1.5.2 SPECIALIZED KNOWLEDGE OR EXPERIENCE OF THE USER

Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is

material to RECs in connection with the property, the user should communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.

#### 1.5.3 ACTUAL KNOWLEDGE OF THE USER

If the user has actual knowledge of any environmental lien or AULs encumbering the property or in connection with the property, the user should communicate such information to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.

#### 1.5.4 REASON FOR SIGNIFICANTLY LOWER PURCHASE PRICE

In a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The user should try to identify an explanation for a lower price which does not reasonably reflect fair market value if the property were not contaminated, and make a written record of such explanation. Among the factors to consider will be the information that becomes known to the user pursuant to the Phase I ESA. The ASTM E 1527-13 Standard Practice does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property. The user should inform the environmental professional if the user believes that the purchase price of the property is lower than the fair market value due to contamination. The user is not required to disclose the purchase price to the environmental professional.

# 1.5.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Commonly known or reasonably ascertainable information within the local community about the property must be taken into account by the user. If the user is aware of any commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions in connection with the property, the user should communicate such information to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance. The user must gather such information to the extent necessary to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products.

#### 1.5.6 DEGREE OF OBVIOUSNESS

The user must consider the degree of obviousness of the presence or likely presence of releases or threatened releases at the property and the ability to detect releases or threatened releases by appropriate investigation including the information collected under the following sections within this Phase I ESA:

- <u>Section 1.5.1</u>, <u>Review Title and Judicial Records for Environmental Liens and Activity and Use</u> Limitations (AULs);
- Section 1.5.2, Specialized Knowledge or Experience of the User;
- Section 1.5.4, *Reason for Significantly Lower Purchase Price*;
- Section 1.5.5, Commonly Known or Reasonably Ascertainable Information;
- Section 3.2, Standard Environmental Records Sources;
- Section 3.4, Historical Use Information on the Subject Site and Adjoining Properties;
- Section 4.0, Site Reconnaissance; and
- Section 5.0, *Interviews*.

#### 1.5.7 OTHER

Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I ESA performed or, if the user does not identify the purpose of the Phase I ESA, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report.

#### 1.6 SPECIAL TERMS AND CONDITIONS

No special terms and conditions were identified for this scope of work.

#### 1.7 USER RELIANCE

The information and opinions rendered in this Phase I ESA are exclusively for use by the Town of Mammoth Lakes. Michael Baker will not distribute or publish this report without the consent of the Town of Mammoth Lakes, except as required by law or court order. The information and opinions expressed in this Phase I ESA are given in response to Michael Baker's scope of services and limitations indicated above, and should be considered and implemented only in light of the scope of services and limitations. The services provided by Michael Baker in completing this Phase I ESA were consistent with normal standards of the profession. No warranty, expressed or implied, is made.

# SECTION 2.0 USER PROVIDED INFORMATION

Per ASTM E 1527-13, the user of the Phase I ESA has an obligation to answer all questions posed by the User Questionnaire, in good faith, to the extent of his or her actual knowledge or to designate a key site manager to do so. If answers to questions are unknown or partially unknown to the user or such key site manager, this section shall not thereby be deemed incomplete.

The Town of Mammoth Lakes (Town) is the user of this Phase I ESA and has provided Michael Baker with information regarding the subject site on December 19, 2017 via a User Questionnaire; refer to <u>Appendix C</u>, <u>Documentation</u>. The Town has requested this Phase I ESA for the purpose of due diligence of the Shady Rest Tract Property (Assessor's Parcel Numbers [APNs] 0350-1002-0000 and 0351-0000-3000) prior to purchase. Other information/documentation provided by the Town is also referenced throughout this Phase I ESA, as applicable.

#### 2.1 PREVIOUS DOCUMENTS

The user provided information regarding the hydrology of the property.

#### 2.2 LITIGATION/ADMINISTRATIVE PROCEEDINGS

The user did not identify any information pertaining to any pending, threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property during the course of this Phase I ESA.

#### 2.3 GOVERNMENTAL NOTICES

The user did not identify any information pertaining to any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products during the course of this Phase I ESA.

#### 2.4 ENVIRONMENTAL LIENS

The user did not identify environmental liens on the property during the course of this Phase I ESA.

#### 2.5 ACTIVITY AND USE LIMITATIONS

The user did not identify environmental liens on the property during the course of this Phase I ESA.

#### 2.6 SPECIALIZED KNOWLEDGE OR EXPERIENCE

The user provided the *Shady Rest Parcel Background Report*, dated October 19, 2016, which stated the Shady Rest parcel was historically used for summer cabins administered by the United States Forest Service in the 1920s.

# 2.7 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The user did not identify any commonly known or reasonably ascertainable information during the course of this Phase I ESA.

# 2.8 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The user did not report valuation reduction for environmental issues. The property is being purchased at fair market value.

#### 2.9 DEGREE OF OBVIOUSNESS

The user did not report any obvious indicators that point to the presence or likely presence of releases at the property during the course of this Phase I ESA.

#### 2.10 REASON FOR PERFORMING PHASE I

This Phase I ESA has been requested by the Town of Mammoth Lakes, who indicated that the Phase I ESA is being prepared for the potential purchase of this property.

## SECTION 3.0 RECORDS REVIEW

#### 3.1 PHYSICAL SETTING SOURCES

Physical setting sources typically provide information regarding geologic, hydrogeological, hydrologic, or topographic characteristics of a property. The following information is primarily based on the review of the United States Geological Survey (USGS) *Old Mammoth, California* Quadrangle (dated 2015), and a site inspection conducted by Michael Baker on November 15, 2017. Other miscellaneous resources utilized within this section and throughout the Phase I ESA are referenced in Section 7.0, *References*.

#### 3.1.1 SUBJECT SITE DESCRIPTION

#### **3.1.1.1** Location

The subject site is located within the Town of Mammoth Lakes, Mono County, California (Section 35, Township 3 South (T.3S), Range 27 East (R.27E), Mount Diablo Base and Meridian [MDBM]). Specifically, the subject site is located south of Center Street, east of Manzanita Road, and west of Laurel Mountain Road; refer to Exhibit 1, Regional Vicinity, and Exhibit 2, Site Vicinity.

#### 3.1.1.2 Current Use(s) of the Subject Site

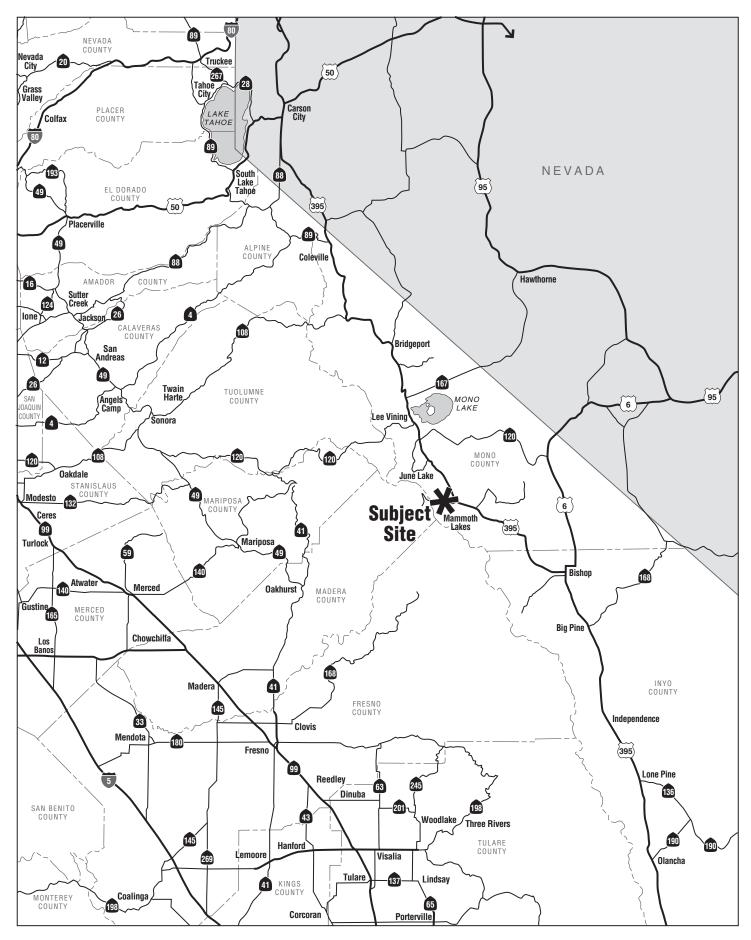
The subject site consists of vacant land; refer to Exhibit 3, Subject Site.

#### 3.1.1.3 Description of On-Site Structures and Roads

No structures are located on the subject site. Evidence of a remnant roadway (Tavern Road) was noted on-site during the November 15, 2017 site inspection. Michael Baker also noted evidence of man-made trails for the purposes of biking and hiking are throughout the subject site.

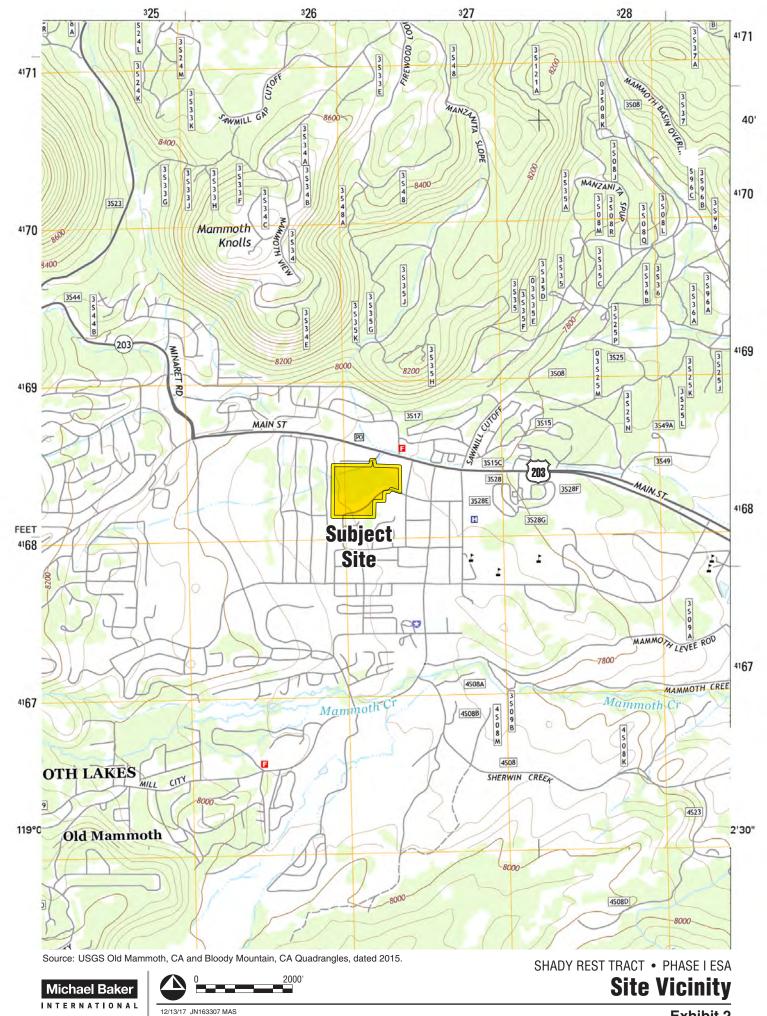
#### 3.1.2 TOPOGRAPHY

The USGS maps show geological formations and their characteristics, describing the physical setting of an area through contour lines and major surface features including lakes, rivers,











Source: Aerial - Google Earth Pro, December 2017

Michael Baker INTERNATIONAL not to scale

Shady rest tract • Phase I esa **Subject Site** 

streams, buildings, landmarks, and other factors that impact the spread of contamination. Additionally, the maps depict topography through color and contour lines and are helpful in determining elevations and site latitude and longitude.

Based on the USGS *Old Mammoth, California* Quadrangle, dated 2015, on-site topography ranges from approximately 7,840 to 7,880 feet above mean sea level (msl) and generally slopes downgradient to the northeast. The subject site consists of vacant land. A blue line stream flows through the subject site in a northeastern direction. Based on USGS, Tavern Road trends through the southern portion of the subject site in an east/west direction. No on-site pits, ponds, or lagoons are noted on-site on this topographic map.

#### 3.1.3 CURRENT USES OF ADJOINING PROPERTIES

For the scope of this Phase I ESA, properties are defined and categorized based upon their physical proximity to the subject site. An adjoining property is considered any real property or properties the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. The following is a detailed description of each adjoining land use observed on November 15, 2017:

- North: Commercial land uses are located to the north of the subject site.
- <u>East</u>: Commercial and residential land uses are located to the east of the subject site.
- South: Residential land uses are located to the south of the subject site.
- West: Residential land uses are located to the west of the subject site.

#### 3.1.4 GEOLOGIC CONDITIONS

#### **3.1.4.1** Geology

The USGS Geological Map Index was searched by EDR for available Geological Maps that cover the subject site and surrounding areas. These Geological Maps indicate geological formations that are overlaid on a topographic map. Some maps focus on specific issues (i.e., bedrock, sedimentary rocks, etc.) while others may identify artificial fills (including landfills). Geological maps can be effective in estimating permeability and other factors that influence the spread of contamination. According to the EDR GeoCheck Report, the land consists of a stratified sequence from the Cenozoic era.

According to the *Draft Environmental Impact Report Town of Mammoth Lakes Trails System Master Plan Project*, dated July 2011, the Town of Mammoth Lakes is located near the southwest edge of

the Long Valley Caldera, which overprints the Sierra Nevada boundary fault system. Persistent earthquake and volcanic activity over the past four million years have formed the eastern Sierra landscape in the vicinity of the Long Valley Caldera and the Mono Basin. The high mountains around Mammoth constitute the caldera walls with the Glass Mountains forming the west and southwest walls and the Benton Range forming the east wall.

The Town of Mammoth Lakes is underlain by a variety of rock types, including Pliocene to recent volcanic and pyroclastic deposits (12 million years old to less than 10,000 years old), Pleistocene glacial deposits (2.5 million years old to 10,000 years old), and Holocene alluvium (less than 10,000 years old). Soils and derived from these geologically recent deposits.

#### 3.1.4.2 Soils

The U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) Soil Survey Maps were searched for available soils within the subject site. One soil series (with multiple phases) is located within the boundaries of the subject site; refer to <u>Appendix C</u>, for a mapping of on-site soils. The following is a detailed description of each soil located within the subject site:

- <u>Chesaw Family, 0 to 5 percent slopes (163)</u>: The Chesaw series (0 to 5 percent slopes) consists of excessively drained soils with a negligible runoff class. The landform setting for this type of soil is outwash plains, and the parent material is glaciofluvial deposits derived from granite. There is a very low available water storage in the profile, about 2.8 inches.
- <u>Chesaw Family, 5 to 15 percent slopes (164)</u>: The Chesaw series (5 to 15 percent slopes) consists of somewhat excessively drained soils with a very low runoff class. The landform setting for this type of soil is outwash plains, and the parent material is glaciofluvial deposits derived from granite. There is a very low available water storage in the profile, about 2.8 inches.

#### 3.1.4.3 Radon

Radon is a radioactive gas that is found in certain geologic environments and is formed by the natural breakdown of radium, which is found in the earth's crust. Radon is an invisible, odorless, inert gas that emits alpha particles, known to cause lung cancer. Radon levels are highest in basements (areas in close proximity to the soil) that are poorly ventilated. A radon survey was not included within the scope of this investigation. According to the "U.S. EPA Map of Radon Zones," the County of Mono is located within Zone 2, which has a predicted average indoor screening level between 2 to 4 picocuries per liter (pCi/L). EPA recommends remedial actions when radon levels are greater than 4.0 pCi/L.

#### 3.1.5 BIOLOGICAL SETTING

The biotic community that exists within the vicinity of the subject site consists of that typical of vacant pine forest. The majority of the subject site is densely vegetated with a variety of pine trees and shrubs. A stream (Murphy's Gulch), with associated wetland vegetation, flows through the western portion of the subject site in a northeastern direction. Murphy's Gulch is a seasonal surface water that consists of seasonal snowmelt events.

#### 3.1.6 DRAINAGE/HYDROLOGY

#### **3.1.6.1 Drainage**

Drainage of the subject site is accomplished by overland sheet flow toward the on-site stream, and then downstream in a northeastern direction.

#### 3.1.6.2 Flood Hazards

Flood Prone Area Maps published by the USGS show areas prone to 100-year floods overlaid on a topographical map. These maps are not considered the official Federal Emergency Management Agency (FEMA) flood maps; therefore, in cases where a property is located immediately adjacent to or within the flood prone boundary, a FEMA map should be obtained. According to the EDR database search and the FEMA Flood Insurance Rate Maps (FIRM), the subject site is not located within the 100-year flood zone (refer to the <u>Appendix B</u>, <u>Database Records Searches</u>, and <u>Appendix C</u>).

#### 3.1.6.3 Groundwater

Michael Baker assumes groundwater flow would follow the slope of the ground surface elevations towards the nearest open body of water or intermittent stream. The direction of flow underlying the subject site is expected to be generally in a northeastern direction.

# 3.2 STANDARD ENVIRONMENTAL RECORDS SOURCES

The governmental sources have been searched by EDR (at the request of Michael Baker) for sites within the subject site and within an approximate one-mile radius of the subject site boundaries. Upon completion of their search, EDR provided Michael Baker with their findings dated November 13, 2017. Michael Baker makes no claims as to the completeness or accuracy of the referenced sources. Our review of EDR's findings can only be as current as their listings and

may not represent all known or potential hazardous waste or contaminated sites. To reduce the potential for omitting possible hazardous material sites on the subject site and within the surrounding area, sites may be listed in this report if there is any doubt as to the location because of discrepancies in map location, zip code, address, or other information. Refer to <u>Appendix B</u> for a listing and description of the Federal, tribal, State, and local records searched.

#### 3.2.1 SUBJECT SITE

The lists that were reviewed did not report any regulatory properties within the boundaries of the subject site (refer to Exhibit 4, *Overview Map*). No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the subject site. The subject site has not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR (refer to Appendix B).

#### 3.2.2 OFF-SITE PROPERTIES

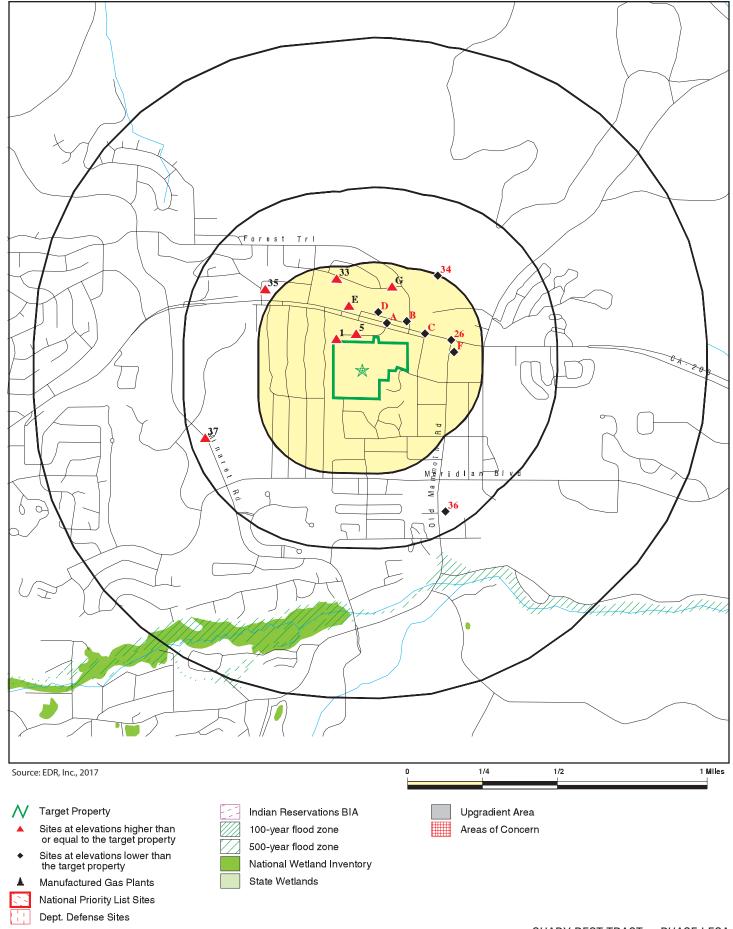
The lists identified 17 off-site regulatory properties within a one-mile radius of the subject site. For a complete list of sites identified and their status, refer to <u>Appendix B</u>. Distance from the subject site, direction of anticipated groundwater flow, and/or site status were considered to determine the potential impact on the subject site.

#### **Adjoining Properties**

There are two sites reported adjoining the subject site. Refer to <u>Table 3-1</u> for a description of the regulatory databases reported for adjoining sites. Refer to <u>Table 3-2</u> for further evaluation of these adjoining regulatory properties. Refer to <u>Appendix B</u>, for a complete listing of all adjoining properties noted.

Table 3-1
Database Summaries

Database	Description
CUPA Listings	The CUPA Listings database contains information on Mono County Health Department listed CUPA sites.
EDR Historical Auto Stations	EDR Exclusive Historic Gas Stations (EDR US Hist Auto Stat) includes a listing of potential gas station/filling station/service station sites. This database is maintained by EDR and includes selected national collections of business directories that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.





#### Table 3-1 (continued) **Database Summaries**

Database	Description	
HIST CORTESE	The historic "Cortese" Hazardous Waste and Substances Sites List is a list of sites that are designated by the State Water Resources Control Board (SWRCB), the Integrated Waste Board, and the	
THOT GOINTEGE	Department of Toxic Substances Control.	
	The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking	
LUST	underground storage tank incidents. The data comes from the State Water Resources Control Board	
	Leaking Underground Storage Tank Information System.	
	The Underground Storage Tank (UST) database contains registered USTs. USTs are regulated under	
UST	Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data comes from the State	
	Water Resources Control Board's Hazardous Substance Storage Container Database.	

Table 3-2 **Identified Regulatory Sites of Concern** 

EDR Map ID#	Site Name/Address	Direction from Subject Site	Regulatory Database <sup>1</sup>	EDR Site Status	File Review <sup>1</sup>
1	Amerigas Propane 161 Center Street Mammoth Lakes, CA 93546	Adjoining subject site to north	CUPA Listings	Reported in the CUPA Listings database for maintaining a Business Plan with Mono County, conducting electronic reporting and reporting the handling of hazardous materials per Mono County. No indication of a release or investigation of a possible release has been reported. No USTs or ASTs, other than tanks associated with propane, have been reported.	NO This adjoining property is not listed in a mandatory database for file review.
A2 A3 A4 5 A6	Mammoth Mobil Inc. Center Street Shell 3275 Main Street Mammoth Lakes, CA 93546	Adjoining subject site to north	EDR Hist Auto LUST CUPA Listings HIST CORTESE UST	Listed as a historical gasoline service station from 1983 to 2002. Reported LUST leaked gasoline to aquifer used for drinking water. Case closed on 9/30/13. Reported in the CUPA Listings database. Reported in the HIST CORTESE database. Reported LUST leaked diesel to soil. Case closed on 10/1/09. Reported in the CUPA Listings database for maintaining a Business Plan with Mono County, conducting electronic reporting and reporting the handling of hazardous materials per Mono County, and maintaining USTs.	YES Michael Baker reviewed files maintained online by the RWQCB.

Notes: RWQCB= Lahontan Regional Water Quality Control Board

- Refer to <u>Section 3.3</u>, <u>File Record Reviews</u>, for a discussion of files reviewed, if applicable. **BOLD** indicates ASTM Standard Practice E 1527-13, Section 8.2.1, standard federal, state, and tribal environmental records sources that should include a file review.

Source: Environmental Data Resources, Inc., EDR Radius Map with GeoCheck, dated November 13, 2017; refer to Appendix B, Database Records Searches.

#### **Adjacent Properties**

Although 15 adjacent properties were listed, no reported adjacent regulatory properties have been identified that also present a potential concern to groundwater underlying the subject site. Reported adjacent regulatory properties are considered to have a low potential of affecting the subject site for one or more of the following reasons: distance from the subject site, direction of anticipated groundwater flow, site status, and/or no contamination has been reported. Refer to <u>Appendix B</u> for a listing of all adjacent properties noted.

#### 3.2.3 UNMAPPED PROPERTIES

According to EDR's ESA Report Desktop Reference, dated 1996, some reported sites are unmappable as exact locations remain undefined. Listings in publicly available records, which do not have adequate address information, are generally not considered practically reviewable. For the purposes of this Phase I ESA, practically reviewable information is defined as information provided in a manner and in a form that yields information without the need for extraordinary analysis or irrelevant data. Although the location of these sites may be unknown, the site and detail information are often available through the EDR.

Michael Baker's review of Unmapped Properties consisted of a verification, based solely on the professional judgment of the Environmental Professional, that the subject site is not listed (i.e., referenced by name or street address) and review to identify if any of the Unmapped Properties cause a likely potential to create an REC within the boundaries of the subject site. No listed Unmapped Properties appear to be located within the boundaries of the subject site. However, one listed property (Mammoth Mobile at Center Street) is a reported LUST site and appears to adjoin the subject site to the north. This property appears to be the same property as that listed in EDR as 3275 Main Street (Mammoth Mobil Inc. and Center Street Shell); refer to <u>Table 3-2</u>. This property is further analyzed in <u>Section 3.3.1</u>, <u>File Reviews Conducted</u>.

#### 3.3 FILE RECORD REVIEWS

If the subject site or any of the adjoining properties are identified on one or more of the standard environmental record sources, pertinent regulatory files and/or records associated with the listing should be reviewed. The purpose of the regulatory file review is to obtain sufficient information to assist the environmental professional in determining if a REC, HREC, CREC, or a de minimis condition exists at the property in connection with the listing. If, in the environmental professional's opinion, such a review is not warranted, the environmental professional must explain the justification for not conducting the regulatory file review.

Michael Baker reviewed available files for the following reported adjoining property; refer to Section 3.3.1, *File Reviews Conducted*.

• 3275 Main Street (Mammoth Mobil Inc.): This facility adjoins the subject site to the north. Files maintained online by RWQCB were reviewed. Michael Baker also requested to review files maintained at the offices of the Lahontan Regional Water Quality Control Board (RWQCB), Department of Toxic Substances Control (DTSC), and Mono County Environmental Health Department. No files are available for review at the DTSC. The RWQCB and Mono County Environmental Health Department did not respond to Michael Baker within 20 days. Pursuant to ASTM E 1527-13 Section 8.1.5, Reasonable Time and Cost, it is the opinion of Michael Baker that these files are not considered reasonably ascertainable.

#### 3.3.1 File Reviews Conducted

Michael Baker searched the Geotracker database for available files relative to the properties discussed above on December 11, 2017. Geotracker was developed pursuant to a mandate by the California State Legislature to investigate the feasibility of establishing a statewide Geographic Information System (GIS) for leaking underground fuel tank (LUFT) sites and is maintained by the State Water Resources Control Board. Michael Baker makes no claims as to the completeness or accuracy of Geotracker; our review of Geotracker's findings can only be as current as their listings and may not represent all known or potential hazardous waste or contaminated sites. The following is a discussion of Michael Baker's online file review conducted.

#### 3.3.1.1 Mammoth Mobil Inc. (3275 Main Street)

This facility adjoins the subject site to the north and currently consists of the Center Street Shell (formerly a Mobil Service Station). During replacement of underground storage tanks (USTs) in 1997, a release to the soil and groundwater was reported. Soil and groundwater samples were collected beneath the former UST. Soil and groundwater analytical results indicated elevated levels of petroleum hydrocarbons. Approximately 300 yards of contaminated soil and 500 gallons of impacted groundwater were removed from the tank pit prior to installation of new, double-walled USTs. In 2001, soil impacted with both gasoline and diesel was encountered by Town of Mammoth Lakes' consultants in off-site test pits. Based on the concerns that the source of contamination may be attributed to this gasoline service station, the RWQCB requested an additional off-site investigation. One on-site and three off-site wells were installed and added to the site groundwater monitoring program. Elevated concentrations of petroleum hydrocarbons were identified in one well to the east of this property. Hydrocarbon impacted

soils were excavated (nearly 1,500 cubic yards) from adjacent areas of Center Street in 2001. In 2010, remediation activities occurred and an unknown amount of petroleum hydrocarbon was removed from groundwater. The RWQCB determined no further action was required at this time and issued a closure letter, dated September 30, 2013.

# 3.4 HISTORICAL USE INFORMATION ON THE SUBJECT SITE AND ADJOINING PROPERTIES

The objective of consulting historical sources is to develop a history of the previous uses of the property and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the property. The Environmental Professional shall exercise professional judgment and consider the possible releases that might have occurred at a property in light of the historical uses and, in concert with other relevant information gathered as part of the Phase I ESA process, use this information to assist in identifying RECs (discussed in <u>Section 6.0</u>, <u>Evaluation</u>, of this Phase I ESA).

The standard sources identified by ASTM E 1527-13 include aerial photographs, fire insurance maps, property tax files, recorded land title records (a chain-of-title), historical USGS topographic maps, local street directories, building department records, zoning/land use records, prior assessments, and other historical sources (i.e., any source or sources, other than those listed, that are credible to a reasonable person and that identify past uses of the property). The focus is on usage rather than ownership, which is why a chain-of-title is not sufficient by itself.

#### 3.4.1 METHODOLOGY AND LIMITING CONDITIONS

#### 3.4.1.1 Methodology

Data failure (a subset of a data gap) occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the historical source review objectives have not been met.

#### **USES OF THE PROPERTY**

Per ASTM E 1527-13 Standard Practice, historical uses "shall be identified from the present, back to the property's obvious first development use including (agricultural and fill activities), or back to 1940, whichever is earlier." This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful.

Historical information for the subject site was obtained back to 1914, at which time the subject site was vacant land. Based on sources reviewed, the first obvious development appeared to consist of residential cabins constructed on-site in the 1920s. Sources reviewed have been cited throughout this section and are referenced in <u>Section 7.0</u>, <u>References</u>, of this Phase I ESA.

#### **INTERVALS**

Review of standard historical sources at less than approximately five year intervals is not required by ASTM E 1527-13 Standard Practice. If the specific use of the property appears unchanged over a period longer than five years, then it is not required by ASTM E 1527-13 Standard Practice to research the use during that period. Michael Baker did not encounter data failure with regard to source intervals during the course of this Phase I ESA.

Michael Baker was unable to obtain specific property land use information of the subject site within a five-year interval, from 1914 to the 1920s. During this time, summer cabins administered by the United States Forest Service (Shady Rest Summer House Tract) were constructed along Tavern Road on the subject site. However, no indicators or potential hazardous materials were noted in relation to this use and no evidence of other development prior to construction of the on-site cabins was noted.

#### **USES OF PROPERTIES IN SURROUNDING AREA**

Uses in the area surrounding the property shall be identified in the Phase I ESA, but this task is only required to the extent that this information is revealed in the course of researching the property itself. If the environmental professional uses sources that include the surrounding area, surrounding uses should be identified to a distance determined at the discretion of the environmental professional. Factors to consider in making this determination include, but are not limited to:

- The extent to which information is reasonably ascertainable;
- The time and cost involved in reviewing surrounding uses;
- The extent to which information is useful, accurate, and complete in light of the purpose of the records review;
- The likelihood of the information being significant to RECs in connection with the property;
- The extent to which potential concerns are obvious;
- Known hydrogeologic/geologic conditions that may indicate a high probability of hazardous substances or petroleum products migration to the property;
- How recently local development has taken place;

- Information obtained from interviews and other sources; and
- Local good commercial and customary practice.

Surrounding land uses have been noted throughout the Phase I ESA, as applicable, and are referenced accordingly.

#### 3.4.1.2 Limiting Conditions

Michael Baker requested building permits from the Town of Mammoth Lakes. However, Ms. Sandra Moberly confirmed that the Town has no record of building permits for the subject site.

#### 3.4.2 STANDARD HISTORICAL SOURCES

#### 3.4.2.1 Historical Uses Summary

Based upon the evaluation of documented land use as demonstrated in the resources reviewed as part of this Phase I ESA, the subject site appears to have consisted of vacant land until the 1920s, at which time the Shady Rest Summer House Tract was constructed and managed by the United States Forest Service. At this time, Tavern Road was constructed in the southern portion of the subject site to support these on-site residential uses. By 1983, these summer cabins were either removed or relocated off-site (to the south) as part of a land exchange. Development of the surrounding area generally occurred in the 1950s through the 1980s and consisted of residential and commercial development. Refer to <u>Table 3-3</u>, <u>Historical Uses Summary</u>.

Table 3-3 Historical Uses Summary

Year	On-Site Use	Surrounding Uses	Source
1914	The subject site consists of vacant land. A stream transects the northern portion of the subject site flowing west.	A stream is noted to the south of the subject site.	USGS Topographic Maps
1920s	Summer cabins administered by the United States Forest Service (Shady Rest Summer House Tract) appear. Tavern Road is anticipated to have been constructed at this time to support on-site residential uses.	No changes noted.	Interviews
1951	No changes noted.	No changes noted.	Aerial Photographs

#### Table 3-3 (continued) Historical Uses Summary

Year	On-Site Use	Surrounding Uses	Source
1953	No changes noted.	Sparse development is noted throughout the vicinity of the subject site. Mammoth Ranger Station is noted to the northeast and Camp High Sierra is noted to the southwest of the subject site. Main Street appears as a secondary highway. Transportation uses have increased.	USGS Topographic Maps
1975	No changes noted.	Development has increased.	Aerial Photographs
1979	No changes noted.	A gas station is noted to the north of the subject site.	Aerial Photographs
1983	An unimproved road extends onto the subject site. A levee is noted transecting the southwest portion of the subject site. Summer cabins removed/relocated offsite as part of a land exchange.	Development in the vicinity of the subject site has increased. A post office is noted to the north of the subject site. A fire station is noted to the northeast of the subject site. A hospital is noted to the east of the subject site. Main Street is identified as Highway 203.	USGS Topographic Maps Interviews
1985	No changes noted.	No changes noted.	Aerial Photographs
1987	No changes noted.	Alpine Garage and Mammoth Photo Center is listed at 85 Center Street.	City Directory
1992	No changes noted.	No changes noted.	City Directory
1993	No changes noted.	No changes noted.	Aerial Photographs
1994	On-site present roadways are no longer on the subject site.	No changes noted.	USGS Topographic Maps
1995	No changes noted.	Alpine Garage is listed at 47 Center Street.	City Directory
1998	No changes noted.	No changes noted.	Aerial Photographs
2000	No changes noted.	No changes noted.	City Directory
2005	No changes noted.	Amerigas Propane is listed at 161 Center Street.	Aerial Photographs City Directory
2009	No changes noted.	No changes noted.	Aerial Photographs
2010	No changes noted.	Mullins Laundry & Lin Svc LLC is listed at 145 Center Street.	Aerial Photographs City Directory
2012	Tavern Road appears to transect the southeastern portion of the subject site again.	No changes noted.	USGS Topographic Maps Aerial Photographs
2014	No changes noted.	No changes noted.	City Directory
Notes:			

Bold denotes an interval data gap, as described in Section 3.4.1.1, Methodology, Intervals.

Other sources reviewed, but that which did not include information pertaining to the subject site included the following: Sanborn Maps.

Source: Refer to Section 7, References, and Appendix C, for full citation and documentation of sources utilized in this table.

#### 3.4.2.2 Property Tax Files

Michael Baker searched the subject site for property data via First American Real Estate Solutions and the legal description for the subject site. This data typically provides current property ownership information and includes information regarding on-site improvements, zoning, land use, transfer of last sale, and other miscellaneous structural improvements. Property information was available for the subject site via *Mono County Assessor Data Inquiry*. The subject site consists of APN 035-100-003-000 (33 Center Street), which is 0.19-acre of vacant land, and APN 035-010-020-000 (1699 Tavern Road), which is 25 acres of vacant land.

#### 3.4.2.3 Zoning/Land Use Records

Zoning/land use records generally consist of records maintained by the local government in which the subject site is located. They indicate the uses permitted by the local government for particular zones within its jurisdiction. The records may consist of maps and/or written records. According to Resolution No. 16-68 Figure 2-4, *Proposed Revisions to the Land Use Diagram*, dated December 7, 2016, the subject site is designated as High-Density Residential 1 (HDR-1). According to the *Mammoth Lakes Zoning Map*, updated January 2015, the subject site is zoned as Residential Multi-Family 1 (RMF-1) with an Affordable Housing (AH) Overlay Zone and Downtown.

#### 3.4.2.4 Oil and Gas Wells

Michael Baker reviewed the California Department of Oil, Gas, and Geothermal Resources (DOGGR) online mapping system on December 7, 2017, which indicates existing and historical oil and gas wells within the immediate vicinity of the subject site. Current well status for any well indicated in the online mapping system should be confirmed at the appropriate Division of Oil and Gas District Office. According to DOGGR, no oil or gas wells are located within the subject site. No oil or gas wells are located within a one mile radius of the subject site (refer to Appendix C). It is noted that three geothermal wells are located within one mile of the subject site.

#### 3.4.2.5 Other Historical Sources

Other historical sources include miscellaneous maps, newspaper archives, and records in the files and/or personal knowledge of the property owner and/or occupants. No other sources were reviewed by Michael Baker during the course of this Phase I ESA.

## SECTION 4.0 SITE RECONNAISSANCE

According to the ASTM E 1527-13 Standard Practice, the objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the subject site.

#### 4.1 METHODOLOGY AND LIMITING CONDITIONS

#### 4.1.1 METHODOLOGY

Michael Baker performed a visual observation of readily accessible areas of the subject site and immediately adjoining properties on November 15, 2017. At this time, the subject site was visually inspected. Refer to Exhibit 5, On-Site Photographs, and Exhibit 6, Off-Site Photographs, for photograph documentation conducted during the site visit. The subject site was viewed from all public thoroughfares. If roads or paths with no apparent outlet are observed on the subject site, the use of the road or path was identified to determine whether it was likely to have been used as an avenue for disposal of hazardous substances or petroleum products.

#### 4.1.2 LIMITING CONDITIONS

No limiting conditions were encountered as part of Michael Baker's site visit conducted on November 15, 2017.

#### 4.2 ON-SITE OBSERVATIONS

#### 4.2.1 DESCRIPTION OF ON-SITE USES

The subject site consists of vacant land.

#### 4.2.2 DESCRIPTION OF ON-SITE STRUCTURES AND ROADS

No structures are located on the subject site. Evidence of a remnant roadway (Tavern Road) was noted on-site during the November 15, 2017 site inspection. Michael Baker also noted evidence of man-made trails for the purposes of biking and hiking are throughout the subject site.



View of on-site drainage from the northern boundary looking southwest upstream.



Typical view of the subject site from the southern boundary looking north.



Typical view of the subject site from the western boundary looking east.



View of water facilities provided near the eastern boundary of the subject site.

SHADY REST TRACT • PHASE I ESA



View of the Shell Gas Station located north of the subject site.



View of adjoining residential uses located east of the subject site along Shady Rest Road.



View of adjoining residential uses located west of the subject site.



View of commercial uses located north of the subject site.

SHADY REST TRACT • PHASE I ESA

**Off-Site Photographs** 

#### 4.2.3 DESCRIPTION OF PAST USES OF THE SUBJECT SITE

Based on review of available documentation noted in <u>Section 3.0</u>, <u>Records Review</u>, past uses of the subject site appear to have consisted of residential uses. Remnant roadway and water utilities were observed in the southern portion of the subject site to suggest the presence of this past use.

#### 4.2.4 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

Michael Baker did not observe hazardous substances and petroleum products on the subject site. No staining or evidence of leaking was observed.

#### 4.2.5 CHEMICAL STORAGE TANKS (ASTS AND USTS)

During the November 15, 2017 site inspection the subject site was inspected for fill pipes, vent pipes, areas of abnormal or heavy staining, manways, manholes, access covers, concrete pads not homogenous with surrounding surfaces, concrete build-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps. Michael Baker did not observe any evidence of ASTs or USTs on the subject site during the November 15, 2017 site visit.

#### **4.2.6 SPILLS**

Michael Baker did not observe evidence of spills during the November 15, 2017 site visit.

#### 4.2.7 SOLID WASTE DISPOSAL

No indication of on-site solid waste disposal practices (i.e., landfills) was apparent during the November 15, 2017 site inspection.

#### 4.2.8 UTILITIES

Water- and electrical-related utilities were observed on-site (in the southern portion) during the November 15, 2017 site visit. No other utilities were noted on-site during the site visit.

#### 4.2.8.1 Polychlorinated Biphenyls (PCBs)

One pad-mounted transformer was observed on-site during the November 15, 2017 site visit. However, the pad-mounted transformer appeared to be in good condition and no visible staining or leaking was noted in association with the on-site transformer.

#### 4.2.8.2 Wells

No water wells were observed within the boundaries of the subject site during the November 15, 2017 site visit.

#### 4.2.8.3 Potable Water Supply

Evidence of water utilities were noted during the site visit. The surrounding area appeared to be connected to the Town's local water system.

#### 4.2.8.4 Sewage Disposal System

No structures are located on-site; no evidence of a sewage disposal system (including septic systems) was noted during the site visit.

#### 4.2.8.5 Heating/Cooling

No structures are located on-site; Michael Baker did not observe heating or cooling systems during the site visit.

#### 4.2.9 DRAINS AND SUMPS

No structures are located on-site; no storm drains or sumps were noted during the November 15, 2017 site visit.

#### 4.2.10 PITS, PONDS, LAGOONS

No pits, ponds, or lagoons were noted during the November 15, 2017 site visit.

#### 4.3 OFF-SITE OBSERVATIONS

An adjoining property is considered any real property or properties that the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. An adjacent property is any real property located off-site, which is not adjoining. Visual observations of the publicly accessible portions of adjoining properties were conducted on November 15, 2017, as part of this Phase I ESA and are described below.

## 4.3.1 DESCRIPTION OF CURRENT AND PAST USES OF THE SURROUNDING AREA

Current uses surrounding the subject site primarily consist of residential, commercial, and vacant land uses. Based on review of available documentation noted in <u>Section 3.0</u>, past uses of the surrounding area appear to have consisted of residential, commercial, transportation, and vacant land uses, similar to existing conditions.

## 4.3.2 DESCRIPTION OF CURRENT USES AND STRUCTURES AT ADJOINING PROPERTIES

Adjoining uses observed include residential, commercial (including Center Street Shell and a propane tank commercial facility), and vacant land uses. Roadways in the vicinity include Center Street, Tavern Road, Shady Rest Road, and Chaparral Road. During preliminary observation of adjoining properties from public thoroughfares, no visible or physical evidence was observed to suggest that a surface release of petroleum-based material has recently occurred. No unusual or suspicious materials handling or storage practices were observed with respect to adjoining properties.

# 4.3.3 DESCRIPTION OF PAST USES AND STRUCTURES AT ADJOINING PROPERTIES

Based on the available documentation noted in <u>Section 3.0</u>, adjoining land uses appear to have historically consisted of uses similar to existing conditions (residential, commercial, transportation, and vacant land uses).

#### 4.3.4 OBSERVATIONS OF OFF-SITE PROPERTIES

#### **4.3.4.1** Utilities

Typical utilities (e.g., power lines with transformers, electrical boxes, etc.) were noted off-site during the November 15, 2017 site inspection. No staining or leaking was observed with respect to off-site utilities.

#### 4.3.4.2 Chemical Storage Tanks

No evidence of chemical storage tanks were observed at off-site properties during the November 15, 2017 site visit. It is acknowledged that a commercial (propane) facility adjoins the subject site to the north.

#### 4.3.4.3 Hazardous Materials

During a preliminary observation of adjoining properties from public thoroughfares, no visible or physical evidence was observed to suggest that hazardous substances and/or petroleum-based material are handled/stored/used or have been recently released into the environment. No unusual or suspicious materials handling or storage practices were observed with respect to adjacent properties.

# SECTION 5.0 INTERVIEWS

The ASTM E 1527-13 Standard Practice indicates that the objective of interviews is to obtain information indicating RECs in connection with the subject site. Interviews with past and present owners, operators, and occupants of the property consist of questions to be asked in the manner and of persons as described in the ASTM E 1527-13 Standard Practice. The content of questions to be asked shall attempt to obtain information about uses and conditions observed during the site reconnaissance as well as the documentation review. The content of questions to be asked of State and/or local government officials shall be decided in the discretion of the environmental professional(s) conducting the Phase I ESA, provided that the questions shall generally be directed towards identifying RECs in connection with the subject site.

#### 5.1 PROPERTY OWNER

The Town of Mammoth Lakes provided Michael Baker's Property Owner questionnaire to the current property owner. However, no response has been received at the time of the Phase I ESA.

#### 5.2 KEY SITE MANAGER/OPERATOR

A key site manager is a person with good knowledge of the uses and physical characteristics of the property. Often the Key Site Manager is the property manager, the chief physical plant supervisor, or head maintenance person. If the user is the current property owner, the user has an obligation to identify a key site manager, even if it is the user himself or herself.

The Town of Mammoth Lakes has identified Ms. Sandra Moberly as the Key Site Manager for the purposes of this analysis. Ms. Moberly has provided Michael Baker with information pertaining to the subject site, throughout this Phase I ESA (refer to Section 7.0, *User Provided Information*). Ms. Moberly is not aware of any information pertaining to any pending, threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property. She is not aware of any information pertaining to any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. She is not aware of recorded land title records that identify environmental liens filed or activity limitations. Ms. Moberly acknowledged that the past use for the subject site included residential cabins managed by the United States Forest Service. Further, Ms.

Moberly stated that the purchase price being paid for the subject site reasonably reflects the fair market value of the property. Based on her knowledge and experience related to the subject site, she does not know of any obvious indicators that point to the presence or likely presence of contamination at the subject site.

#### 5.3 OCCUPANTS

No occupants are associated with the subject site, as the site consists of vacant land. Thus, no occupants are available for interview during the course of this Phase I ESA.

#### 5.4 LOCAL GOVERNMENT OFFICIALS

Michael Baker interviewed Ms. Sandra Moberly, Planning and Economic Development Manager for the Town of Mammoth Lakes, in order to obtain publicly available building permits for the subject site. Ms. Moberly stated that no building permits are maintained by the Town of Mammoth Lakes.

#### 5.5 OTHER PERSONS

No other persons were interviewed during the course of this Phase I ESA.

### SECTION 6.0 EVALUATION

Michael Baker has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 Standard Practice of the Shady Rest Tract (Assessor's Parcel Numbers [APNs] 0350-1002-0000 and 0351-0000-3000), within the Town of Mammoth Lakes, California, also known as the subject site within this Phase I ESA. Any exceptions to, or deletions from, this practice are described in the <u>Section 6.3</u>, <u>Limiting Conditions/Deviations</u>, of this report. This Phase I ESA has revealed the following in connection with the subject site.

#### 6.1 FINDINGS AND OPINIONS

The following findings and opinions are based upon review of reasonable ascertainable referenced material available to Michael Baker during the preparation of this Phase I ESA, which included a review of historical aerial photographs, historical topographic maps, regulatory databases, and other documentation, as well as interviews and site reconnaissance.

#### 6.1.1 CURRENT ON-SITE USES

The subject site currently consists vacant land. Available public records provided by EDR were reviewed by Michael Baker on November 13, 2017. The lists that were reviewed did not report any regulatory properties within the boundaries of the subject site. Therefore, no known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the subject site. The subject site has not been under investigation for violation on any environmental laws, regulations, or standards, as identified in the databases reported by EDR. No evidence to suggest the presence of a REC at the subject site was noted during the November 15, 2017 site visit. Based on reasonable ascertainable referenced material reviewed during this Phase I ESA, it is the opinion of Michael Baker that the current on-site uses have not resulted in a REC at this time.

#### **PCBs**

It is acknowledged that one pad-mounted transformer was observed in the southern portion of the subject site during the November 15, 2017 site visit. Polychlorinated biphenyls (PCBs) could be associated with the on-site transformer; however, the transformer appeared to be in good condition and no staining or leakage was observed. Thus, it is Michael Baker's opinion that, as

the pole-mounted transformers are in good condition and no evidence of a release is noted, no REC has resulted in this regard.

#### 6.1.2 PAST ON-SITE USES

Based upon the evaluation of documented land use as demonstrated in the resources reviewed as part of this Phase I ESA, the subject site appears to have consisted vacant land until the 1920s, at which time the Shady Rest Summer House Tract was constructed and managed by the United States Forest Service. At this time, Tavern Road was constructed in the southern portion of the subject site to support these on-site residential uses. By 1983, these summer cabins were either removed or relocated off-site (to the south) as part of a land exchange.

Residential uses are not typically associated with the handling/storage or transport of hazardous materials. Further, based on public records provided by EDR, the subject site was not reported in any regulatory properties within the boundaries of the subject site. No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the subject site. The subject site has not been under investigation for violation on any environmental laws, regulations, or standards, as identified in the databases reported by EDR. Thus, it is the opinion of Michael Baker that this past residential use has not resulted in a REC at the time of this Phase I ESA.

#### 6.1.3 CURRENT ADJOINING PROPERTIES

Adjoining uses include vacant land, commercial, and residential uses. It is acknowledged that during Michael Baker's site visit, no visible or physical evidence was observed to suggest that a surface release of petroleum-based or hazardous materials or waste have recently occurred. No unusual or suspicious materials handling or storage practices were observed with respect to adjacent properties. Adjoining residential properties are not anticipated to have resulted in a REC at the subject site, as these uses are not typically associated with hazardous materials. However, commercial properties adjoin the subject site to the north and east. The following is a discussion of Michael Baker's findings and opinions regarding adjoining commercial properties that are associated with hazardous materials.

#### 6.1.3.1 Center Street Shell (3275 Main Street)

The Center Street Shell is located at 3275 Main Street, to the north of the subject site. Based on files reviewed, this facility is currently owned by Inyo Crude Oil, Inc. and this current operation has not been reported in EDR for a release of hazardous materials. Based on files reviewed for this property associated with a past use (discussed below), USTs are currently double-walled

USTs and no evidence of a release from the current Center Street Shell has been noted. Thus, it is the opinion of Michael Baker that the current Center Street Shell has not resulted in a REC at the time of this Phase I ESA.

#### 6.1.3.2 Amerigas Propane (161 Center Street)

The adjoining Amerigas Propane is located at 161 Center Street, north of the subject site. Based on EDR this facility handles hazardous materials, as indicated by the Mono County Environmental Health Department. The storage of propane tanks is present; however, no indication of a release to soil, soil gas, or groundwater has been reported and no indication of an investigation of a possible release has been noted. No USTs or ASTs, other than propane tanks, have been reported. Thus, it is the opinion of Michael Baker that this current adjoining facility has not resulted in a REC at the time of this Phase I ESA.

#### 6.1.4 PAST ADJOINING USES

Based on the available documentation reviewed as part of this Phase I ESA, off-site adjoining uses appear to have historically consisted of single family residential and vacant land uses similar to existing conditions. Based on the available documentation, interviews, and a site reconnaissance conducted as part of this Phase I ESA, it is the opinion of Michael Baker that past adjoining uses have not resulted in a REC at the subject site.

#### 6.1.4.1 Mammoth Mobil Inc. (3275 Main Street)

This facility adjoins the subject site to the north and currently consists of Center Street Shell, but historically consisted of a Mobil Service Station. Based on online GeoTracker files reviewed, the Mammoth Mobil Station was conducting UST replacement activities in April 1997. Soil samples collected from beneath the former UST locations indicated petroleum hydrocarbon contamination. Approximately 300 yards of contaminated soil and 500 gallons of impacted groundwater were removed from the tank pit prior to installation of new double-walled USTs in 1997. However, later in 2001, additional hydrocarbon impacts soils were discovered and excavated (nearly 1,500 cubic yards) from Center Street (to the south) by the Town of Mammoth Lakes. This soil contamination was considered to be representative of the maximum concentrations remaining in soils.

Based on the *Request for Case Closure and Semi-Annual Groundwater Monitoring Report*, dated October 12, 2012, remediation of soils and groundwater (in-situ chemical oxidation) was completed in August 2011. Verification soil samples were collected during Mammoth Community Water District sewer replacement excavation in Center Street (situated between this property and the subject site). Observations during excavations and soil results confirmed that

residual soil contamination was limited to degraded petroleum hydrocarbons without the presence of benzene or MTBE. All volatile organic compounds identified in groundwater samples are within the Maximum Contaminant Levels (MCLs) as established by the State of California. MTBE and benzene have been non-detect in all site samples since 2005 and 2010, respectively. Further, this property meets the low-threat closure guidelines for vapor intrusion based on the lack of benzene concentrations in groundwater, depth to groundwater, and availability and size of a vadose-zone bioattenuation vapor buffer with the requisite low-level TPHg concentrations.

Thus, as reported concentrations of residual hazardous materials have been reported in soils and groundwater within proximity to the boundaries of the subject site, but are reported to be below acceptable thresholds based on information provided by the RWQCB, it is Michael Baker's opinion that a HREC is present and is no longer a REC at the subject site.

#### 6.1.5 CURRENT AND PAST ADJACENT USES

Current and past adjacent uses consist of vacant, residential, and commercial uses. Multiple adjacent properties were listed in multiple regulatory databases involving hazardous materials. However, based on the information reviewed as part of this Phase I ESA, no reported adjacent regulatory properties have been identified that also present a potential concern to groundwater underlying the subject site. The reported adjacent regulatory properties are considered to have a low potential of affecting the subject site for one or more of the following reasons: distance from the subject site, direction of anticipated groundwater flow, site status, and/or no contamination has been reported. Thus, based on information reviewed as part of this Phase I ESA, it is the opinion of Michael Baker that no REC has resulted on the subject site as a result of current and past adjacent land uses.

#### 6.1.6 DATA GAPS

A data gap is a lack of or inability to obtain information required by the ASTM E 1527-13 Standard Practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including but not limited to site reconnaissance (for example, an inability to conduct the site visit) and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). A data gap by itself is not inherently significant. For example, if a property's historical use in not identified back to 1940 because of data failure, but the earliest source shows that the property was undeveloped, this data gap by itself would not be significant. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap. For example, if a building on the property is

inaccessible during the site visit, and the Environmental Professional's experience indicates that such a building often involves activity that leads to an REC, the inability to inspect the building would be a significant data gap warranting comment.

No significant data gaps were noted during the course of the Phase I ESA. Refer to <u>Section 6.3</u>, <u>Limiting Conditions/Deviations</u>, below.

#### 6.2 CONCLUSIONS

Michael Baker has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 Standard Practice of the Shady Rest Tract (Assessor's Parcel Numbers [APNs] 0350-1002-0000 and 0351-0000-3000), within the Town of Mammoth Lakes, California, the subject site. Any exceptions to, or deletions from, this practice are described in <u>Section 6.3</u>, <u>Limiting Conditions/Deviations</u>, of this Phase I ESA. This Phase I ESA has revealed no evidence of RECs in connection with the subject site.

#### 6.3 LIMITING CONDITIONS / DEVIATIONS

Michael Baker did encounter data failure with regard to source intervals during the course of this Phase I ESA. Michael Baker was unable to obtain specific property land use information of the subject site within a five-year interval, from 1914 to the 1920s. During this time, summer cabins administered by the United States Forest Service (Shady Rest Summer House Tract) were constructed along Tavern Road on the subject site. However, no indicators or potential hazardous materials were noted in relation to this use and no evidence of other development prior to construction of the on-site cabins was noted. Although Michael Baker did not achieve data within a five-year interval of this change in use at the subject site, no other records reviewed as part of this Phase I ESA have suggested that land uses, other than those noted, have been associated with the subject site. Thus, it is the opinion of Michael Baker that this limitation is not a significant data gap.

The Town of Mammoth Lakes provided Michael Baker's Property Owner questionnaire to the current property owner. However, no response has been received at the time of the Phase I ESA. Based on available information reviewed as part of this Phase I ESA, past and current onsite uses appeared to historically consist of residential uses and vacant land. No evidence to suggest other uses was noted. Based on the historical documentation reviewed, it is Michael Baker's opinion that these interviews would not increase the knowledge of the Environmental Professional such that the conclusions of this Phase I ESA would change. Thus, it is the opinion of Michael Baker that this deviation is not a significant data gap.

No other limitations, deviations, or exceptions were encountered during the preparation of this Phase I ESA. Further, no additional scope items, or items outside of the scope of a Phase I ESA E 1527-13 Standard Practice, were conducted as part of this Phase I ESA.

### SECTION 7.0 REFERENCES

ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E 1527-13.

Town of Mammoth Lakes, General Plan 2007, 2007.

Department of Conservation, Division of Oil, Gas & Geothermal Resources, *Well Finder Application*, http://www.conservation.ca.gov/dog/Pages/WellFinder.aspx, accessed on December 7, 2017.

PCR Services Corporation, Draft Environmental Impact Report Town of Mammoth Lakes Trails System Master Plan Project, dated July 2011.

Environmental Data Resources, Inc., EDR City Directory Image Report, dated November 14, 2017.

Environmental Data Resources, Inc., *EDR Historical Aerial Photo Decade Package*, dated November 14, 2017.

Environmental Data Resources, Inc., EDR Historical Topographic Map Report, dated November 13, 2017.

Environmental Data Resources, Inc., EDR Radius Map with GeoCheck, dated November 13, 2017.

Federal Emergency Management Agency, National Flood Insurance Program, *Flood Insurance Rate Map*, Map Numbers 06051C1388D and 06051C1389D, effective date February 18,2011.

Mono County, Assessor Data Inquiry,

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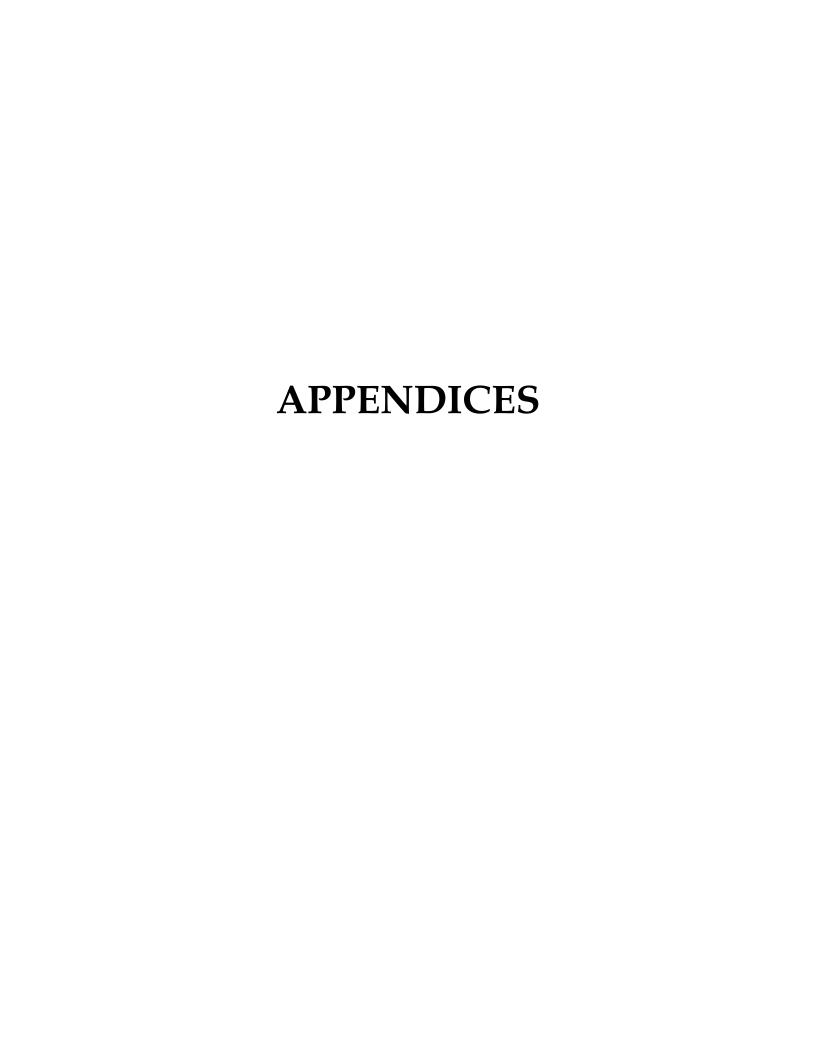
Site Visit, conducted on November 15, 2017.

Town of Mammoth Lakes, *Town Council Report – Shady Rest Parcel Background Report*, dated October 19, 2016.

United States Department of Agriculture, Natural Resources Conservation Service, *Web Soil Survey*, http://websoilsurvey.nrcs.usda.gov/app/, accessed December 5, 2017.

United States Environmental Protection Agency, Map of Radon Zones, dated 1993.

USGS Topographic Quadrangle, Old Mammoth, California, dated 2015.



# APPENDIX A: ASTM TERMINOLOGY

#### **TERMINOLOGY**

The following definitions and descriptions of terms are from the ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

**Abandoned property** – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

Activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property. See Note 1.

NOTE 1 — the term AUL is taken from Guide E2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of "institutional controls." Department of Defense and International County/City Management Association use "Land Use Controls." The term 'land use restrictions" is used but not defined in the Brownfields Amendments).

**Actual knowledge** - the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

**Adjoining properties** – any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

- **Aerial photographs** photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area.
- All appropriate inquiry that inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA. 42 U.S.C. §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C. §9601(35)(A) & (B), §9607(b)(3), §(9607(q); and §9607(r)), assuming compliance with other elements of the defense.
- **Approximate minimum search distance** the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.
- Bona fide prospective purchaser liability protection (42 U.S.C. §9607(r) a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from all appropriate inquiry would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase. The facility must have been purchased after January 11, 2002.
- **Brownfields Amendments** amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 et. seq.
- **Building department records** those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property. Often building department records are located in the building department of a municipality or county.
- **Business environmental risk** a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business

environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13.

- Commercial real estate any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes: property used for residential purposes that has more than four residential dwelling units; and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.
- Commercial and real estate transaction a transfer of title to or possession of real property or receipt of a security interest in real property, except that it does not include transfer of title to or possession of real property or the receipt of a security interest in real property or the receipt of a security interest in real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by persons or entities in the business of building or developing dwelling units.
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.
- **Construction debris** concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.
- Contaminated public wells public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substances (for example, chlorinated solvents), or as having water unsafe to drink without treatment.
- Contiguous property owner liability protection (42 U.S.C. §9607(q) a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of

acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the contiguous property owner liability protection. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Controlled recognized environmental condition – a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (See Note 2). A condition considered by the environmental professional to be controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. (See Note 3).

Note 2 — For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The "control" is represented by the restriction that the property use remains commercial.

Note 3-A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be implemented.

CORRACTS list – a list maintained by EPA of hazardous waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The CORRACTS list is a subset of the EPA database that manages RCRA data.

**Data failure** – a failure to achieve the historical research objectives in 8.3.1 through 8.3.2.2 even after reviewing the standard historical sources 8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See 8.3.2.3.

- **Data gap** a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See 12.7.
- **Demolition debris** concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.
- **De minimis condition** a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.
- **Drum** a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substances or petroleum products.
- **Dry wells** underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).
- **Due diligence** the process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes. See Appendix X1.
- **Dwelling -** structure or portion thereof used for residential habitation.
- **Engineering controls (EC)** physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).
- **Environment** environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. § 9601 (8). For additional background information, see Legal Appendix (Appendix X1) to section XI. 1.1 "Releases and Threatened Release."

- **Environmental compliance audit** the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an environmental compliance audit may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.
- Environmental lien a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.
- **Environmental professional** a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). For the convenience of the reader, this section is reprinted in Appendix X2. The person may be an independent contractor or an employee of the user.
- Environmental site assessment (ESA) the process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting all appropriate inquiries or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting all appropriate inquiries. An environmental site assessment is both different from and often less rigorous than an environmental compliance audit.
- **ERNS list** EPA's emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 335.
- **Federal Register (FR)** publication of the United States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the Federal Government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the Federal Register.
- Fill dirt dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation or

real property. It does not include material that is used in limited quantities for normal landscaping activities.

**Fire insurance maps** – maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

**Good faith** - the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

Hazardous substance - a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901 et seq.) has been suspended by Act of Congress, (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (See Appendix X1.)

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §86901-6992(k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 U.S.C. §6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may – (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the

environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

**Hazardous waste/contaminated sites** – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

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

IC/EC registries – databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of "deed restrictions" (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri, Pennsylvania), and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

Innocent landowner defense – (42 U.S.C. §§9601(35) and 9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who "did not know and had no reason to know" that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who "acquired the facility by inheritance or bequest." To qualify for the first type of innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiry must not have resulted in

knowledge of the contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the innocent landowner defense. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

- Institutional controls (IC) a legal or administrative restriction (for example, "deed restrictions," restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).
- **Interviews** those portions of this practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and questions to be asked of local government officials.
- **Key site manager -** the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property. See 10.5.1.
- **Landfill** a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.
- **Landowner Liability Protections (LLPs)** landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).
- **Local government agencies** those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.
- **Local street directories** directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often local street directories are available at libraries, or historical societies, and/or local municipal offices. See 8.3.4.6 of this practice.

- **LUST sites** state lists of leaking underground storage tank sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so. (42 U.S.C. §6991b).
- **Major occupants** those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the property or any anchor tenant when the property is a shopping center.
- **Material safety data sheet (MSDS)** written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA's Hazard Communication Standard, 29 C.F.R. §1910.1200.
- Material threat A physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with release of contents to the environment.
- **Migrate/migration** for the purposes of this practice, "migrate" and "migration" refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurfaces, and vapor in the subsurface. See Note 4.
  - Note 4 Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice should be construed to require application of the Guide E2600 standard to achieve compliance with all appropriate inquiries.
- **National Contingency Plan (NCP)** the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 C.F.R. Part 300, that is the EPA's blueprint on how hazardous substances are to be cleaned up pursuant to CERCLA.
- **National Priorities List (NPL)** list compiled by EPA pursuant to CERCLA 42 U.S.C. §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System. See 40 C.F.R. Part 300.

**Obvious** - that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

**Occupants** – those tenants, subtenants, or other persons or entities using the property or a portion of the property.

**Operator** – the person responsible for the overall operation of a facility.

Other historical sources – any source or sources other than those designated in Sections 8.3.4.1 through 8.3.4.8 that are credible to a reasonable person and that identify past uses of the property. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, and records in the files and/or personal knowledge of the property owner and/or occupants. See 8.3.4.9.

**Owner -** generally the fee owner of record of the property.

**Petroleum exclusion** - the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: "The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

**Petroleum products** – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.)

**Phase I Environmental Site Assessment** – the process described in this practice.

**Physical setting sources** – sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. See 8.2.4.

**Pits, ponds, or lagoons** – man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Practically reviewable – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

**Property** – the real property that is the subject of the environmental site assessment described in this practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

**Property tax files** – the files kept for property tax purposes by the local jurisdiction where the property is located and may include records of past ownership, appraisals, maps, sketches, photos, or other information that is reasonably ascertainable and pertaining to the property. See 8.3.4.3.

- **Publicly available** information that is publicly available means that the source of the information allows access to the information by anyone upon request.
- **RCRA generators** those persons or entities that generate hazardous wastes, as defined and regulated by RCRA.
- **RCRA generators list** list kept by EPA of those persons or entities that generate hazardous wastes as defined and regulated by RCRA.
- **RCRA TSD facilities** those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.
- **RCRA TSD facilities list** list kept by EPA of those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.
- **Reasonably ascertainable** information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.
- **Recognized environmental conditions** the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.
- Recorded land title records records of historical fee ownership, which may include leases, land contracts, and AULs on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records. See 8.3.4.4.
- Records of emergency release notifications EPCRA (42 U.S.C. §11004) requires operators of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any release beyond the facility's boundary of any reportable quantity of any extremely hazardous substance. Often the

- local fire department is the local emergency planning committee. Records of such notifications are "Records of Emergency Release Notifications" (42 U.S.C. 11004).
- **Records review** that part that is contained in Section 8 of this practice which addresses records shall or may be reviewed.
- **Release** a release of any hazardous substance or petroleum product shall have the same meaning as the definition of "release" in CERCLA 42 U.S.C. § 9601(22)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 "Releases and Threatened Release."
- **Report** the written report prepared by the environmental professional and constituting part of a "Phase I Environmental Site Assessment," as required by this practice.
- **Site reconnaissance** that part that is contained in Section 9 of this practice and addresses what should be done in connection with the site visit. The site reconnaissance includes, but is not limited to, the site visit done in connection with such a Phase I Environmental Site Assessment.
- **Site visit** the visit to the property during which observations are made constituting the site reconnaissance section of this practice.
- **Solid waste disposal site** a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump, or similar term.
- **Solvent** a chemical compound that is capable of dissolving another substance and may itself be a hazardous substance, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purpose, equipment clean-up, and surface degreasing in metal fabricating industries.
- Standard environmental record sources those records specified in Section 8.2.1.
- **Standard historical sources** those sources of information about the history of uses of property specified in Section 8.3.4.

- **Standard physical setting source** a current (USGS 7.5 Minute Topographic Map (if any) showing the area on which the property is located.
- **Standard practice** the activities set forth in this practice.
- **Standard sources** sources of environmental, physical setting, or historical records specified in section 8 of this practice.
- **State registered USTs** state lists of underground storage tanks required to be registered under Subtitle I, Section 9002 of RCRA.
- **Sump** a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.
- **TSD facility** treatment, storage, or disposal facility (see RCRA TSD facilities).
- **Underground injection** the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.
- **Underground storage tank (UST)** any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.
- **User** the party seeking to use Practice E1527 to complete and environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outlined in Section 6.
- **USGS 7.5 Minute Topographic Map** the map (if any) available from or produced by the United States Geological Survey entitled "USGS 7.5 Minute Topographic Map," and showing the property.
- Visually and/or physically observed during a site visit pursuant to this practice, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit;

they may do so by the means at their disposal for moving through the property and the structures located on it.

Wastewater - water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has convey sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

**Zoning/land use records** – those records of the local government in which the property is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county. See 8.3.4.8.

### APPENDIX B: DATABASE RECORDS SEARCHES

# APPENDIX B: DATABASE RECORDS SEARCHES

#### **Shady Rest Tract**

33 Center Street & 1699 Tavern Road Mammoth Lakes, CA 93546

Inquiry Number: 5106528.2s

November 13, 2017

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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

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

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

33 CENTER STREET & 1699 TAVERN ROAD MAMMOTH LAKES, CA 93546

# COORDINATES

Latitude (North): 37.6453640 - 37° 38' 43.31" Longitude (West): 118.9712720 - 118° 58' 16.57"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 326084.3 UTM Y (Meters): 4168091.5

Elevation: 7871 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5637143 OLD MAMMOTH, CA

Version Date: 2012

## **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20140809 Source: USDA

## MAPPED SITES SUMMARY

Target Property Address: 33 CENTER STREET & 1699 TAVERN ROAD MAMMOTH LAKES, CA 93546

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	AMERIGAS PROPANE-161	161 CENTER ST	CUPA Listings	Higher	46, 0.009, NW
A2	MAMMOTH MOBIL INC	3275 MAIN ST	EDR Hist Auto	Lower	131, 0.025, NNE
A3	CENTER STREET SHELL	3275 MAIN ST	LUST, CUPA Listings, HIST CORTESE	Lower	131, 0.025, NNE
A4	CENTER STREET SHELL	3275 MAIN STREET	UST	Lower	131, 0.025, NNE
5	MAMMOTH MOBILE	CENTER ST	LUST	Higher	144, 0.027, North
A6	MAMMOTH MOBIL	HWY 203 & CENTER ST	EDR Hist Auto	Lower	292, 0.055, NNE
B7	NAPA OF MAMMOTH	HWY 203	LUST, HIST CORTESE	Lower	349, 0.066, NE
B8	MINEART MAINTENANCE	HWY 203	LUST	Lower	349, 0.066, NE
C9	UNION OIL SS# 5749	SW HWY 203 & LAUREL	SWEEPS UST	Lower	355, 0.067, ENE
C10	UNION OIL SS# 5749	SW. HWY. 203 & LAURE	HIST UST	Lower	355, 0.067, ENE
C11	UNION OIL SS 5749	SW HWY 203 AND LAURE	HIST UST	Lower	355, 0.067, ENE
B12	UNOCAL #5749	3141 MAIN ST	LUST, HIST CORTESE	Lower	363, 0.069, NE
B13	CHEVRON STATION 9186	3236 FORREST TRAIL	RCRA-SQG, FINDS, ECHO	Lower	389, 0.074, NE
B14	CHEVRON M.L. #9-1861	3236 FORREST TRAIL	HIST CORTESE	Lower	389, 0.074, NE
B15	CHEVRON #8-1861	PO BOX 27	LUST	Lower	389, 0.074, NE
D16	EXXON MINI-MART (FOR	3280 MAIN ST	LUST, SWEEPS UST, HIST CORTESE	Lower	443, 0.084, NNE
E17	MAMMOTH HOT SPRINGS	BOX 208	LUST, HIST CORTESE	Higher	465, 0.088, North
E18	SIERRA CONCRETE PUMP	BOX 8735	SWEEPS UST, HIST UST	Higher	465, 0.088, North
D19	MAMMOTH CHEVRON INC	3236 MAIN ST	EDR Hist Auto	Lower	471, 0.089, NNE
D20	MAMMOTH CHEVRON MINI	3236 MAIN ST	LUST, CUPA Listings	Lower	471, 0.089, NNE
D21	MAMMOTH CHEVRON MINI	3236 MAIN STREET	UST	Lower	471, 0.089, NNE
C22	MAMMOTH SHELL STATIO	HWY 203 & MAMMOTH RD	LUST, HIST CORTESE	Lower	571, 0.108, ENE
E23	HOT CREEK HATCHERY N	85 OLD SCHOOL ROAD	Cortese	Higher	637, 0.121, NNW
F24	RITE AID # 5842	26 OLD MAMMOTH RD	CUPA Listings	Lower	643, 0.122, East
F25	RITE AID NO 5842	26 OLD MAMMOTH RD	RCRA-CESQG	Lower	643, 0.122, East
26	MAMMOTH SHELL STATIO	HWY 203 & MAMMOTH RD	LUST	Lower	774, 0.147, ENE
G27	VERIZON CALIFORNIA I	39 PINECREST	RCRA-SQG, FINDS, ECHO	Lower	805, 0.152, NNE
G28	VERIZON WIRELESS- MA	39 PINECREST AVE	CUPA Listings	Lower	805, 0.152, NNE
F29	MAMMOTH SHELL	3011 MAIN STREET	UST	Lower	820, 0.155, ENE
F30	MAMMOTH SHELL	3011 MAIN ST	CUPA Listings	Lower	820, 0.155, ENE
G31	CONTEL	470039 PINECREST AVE	LUST, SWEEPS UST, HIST CORTESE	Higher	924, 0.175, NNE
G32	VERIZON MAMMOTH LAKE	47039 PINECREST AVE.	AST	Higher	930, 0.176, NNE
33	CHEVRON MAMMOTH LAKE	203 PINECREST	SWEEPS UST	Higher	1108, 0.210, NNW
34	MAMMOTH LAKES DUMP	HWY 203, MAIN STREET	SWF/LF	Lower	1307, 0.248, NE
35	NORCO GOODYEAR SERVI	3670 MAIN ST	LUST, CUPA Listings, HIST CORTESE	Higher	1511, 0.286, NW
36	MAMMOTH RETAIL SHOPS	501 OLD MAMMOTH RD	LUST, HIST CORTESE	Lower	2303, 0.436, SSE
37	THE VILLAGE AT MAMMO	MINARET RD	LUST	Higher	2363, 0.448, WSW

## TARGET PROPERTY SEARCH RESULTS

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

## **DATABASES WITH NO MAPPED SITES**

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

### STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	
Proposed NPL	Proposed National Priority List Sites
NPL LIENS	- rederal Superfulid Liens
Federal Delisted NPL site lis	st
Delisted NPL	National Priority List Deletions
Federal CERCLIS list	
FEDERAL FACILITY	Federal Facility Site Information listing
	Superfund Enterprise Management System
Federal CERCLIS NFRAP si	te list
SEMS-ARCHIVE	Superfund Enterprise Management System Archive
Federal RCRA CORRACTS	facilities list
CORRACTS	. Corrective Action Report
Federal RCRA non-CORRA	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Federal RCRA generators li	st
RCRA-LQG	RCRA - Large Quantity Generators
Federal institutional control	ls / engineering controls registries
LUCIS	Land Use Control Information System
US ENG CONTROLS	. Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
Federal ERNS list	
	Francisco December Notification Cont
EKNS	Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE...... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR\_\_\_\_\_ EnviroStor Database

State and tribal leaking storage tank lists

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

SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

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

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

SWRCY......Recycler Database

HAULERS...... Registered Waste Tire Haulers Listing

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

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

ODI..... Open Dump Inventory

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

Local Lists of Hazardous waste / Contaminated Sites

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

HIST Cal-Sites\_\_\_\_\_ Historical Calsites Database

SCH......School Property Evaluation Program

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

#### Local Land Records

LIENS	<b>Environmental Liens Listing</b>
LIENS 2	
DEED	Deed Restriction Listing

#### Records of Emergency Release Reports

HMIRS...... Hazardous Materials Information Reporting System
CHMIRS...... California Hazardous Material Incident Report System
LDS...... Land Disposal Sites Listing

MCS...... Military Cleanup Sites Listing
SPILLS 90...... SPILLS 90 data from FirstSearch

#### Other Ascertainable Records

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

FUDS Formerly Used Defense Sites DOD Department of Defense Sites

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

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TRIS...... Toxic Chemical Release Inventory System

RAATS...... RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

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

PCB TRANSFORMER...... PCB Transformer Registration Database

RADINFO...... Radiation Information Database

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

DOT OPS...... Incident and Accident Data

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

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

US MINES..... Mines Master Index File ABANDONED MINES..... Abandoned Mines

FINDS Facility Index System/Facility Registry System

UXO...... Unexploded Ordnance Sites

ECHO..... Enforcement & Compliance History Information DOCKET HWC..... Hazardous Waste Compliance Docket Listing

FUELS PROGRAM..... EPA Fuels Program Registered Listing

CA BOND EXP. PLAN..... Bond Expenditure Plan DRYCLEANERS..... Cleaner Facilities

EMI\_\_\_\_\_ Emissions Inventory Data ENF..... Enforcement Action Listing

Financial Assurance Information Listing

HAZNET Facility and Manifest Data

ICE.....ICE

HWP..... EnviroStor Permitted Facilities Listing
HWT..... Registered Hazardous Waste Transporter Database

MINES..... Mines Site Location Listing

MWMP..... Medical Waste Management Program Listing

NPDES Permits Listing

PEST LIC...... Pesticide Regulation Licenses Listing

PROC. Certified Processors Database
Notify 65. Proposition 65 Records

UIC\_\_\_\_\_UIC Listing
WASTEWATER PITS\_\_\_\_\_Oil Wastewater Pits Listing WDS...... Waste Discharge System

WIP..... Well Investigation Program Case List

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR Hist Cleaner EDR Exclusive Historic Cleaners

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

### Exclusive Recovered Govt. Archives

RGA LF...... Recovered Government Archive Solid Waste Facilities List

RGA LUST...... Recovered Government Archive Leaking Underground Storage Tank

## **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

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

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

Sites listed in bold italics are in multiple databases.

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

#### STANDARD ENVIRONMENTAL RECORDS

#### Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2017 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 9186	3236 FORREST TRAIL	NE 0 - 1/8 (0.074 mi.)	B13	27
VERIZON CALIFORNIA I	39 PINECREST	NNE 1/8 - 1/4 (0.152 mi.)	G27	58

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RITE AID NO 5842	26 OLD MAMMOTH RD	E 0 - 1/8 (0.122 mi.)	F25	52

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

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

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Y 203, MAIN STREET	NE 1/8 - 1/4 (0.248 mi.)	34	67
t Version: 08/14/2017			
	Y 203, MAIN STREET nt Version: 08/14/2017	,	, ,

Facility ID: 26-CR-0006 Operational Status: Closed Regulation Status: Pre-regulations

### State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, has revealed that there are 15 LUST sites within

approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAMMOTH MOBILE Database: LUST, Date of Governme Status: Completed - Case Closed Global Id: T0605100023	CENTER ST ent Version: 09/11/2017	N 0 - 1/8 (0.027 mi.)	5	18
MAMMOTH HOT SPRINGS  Database: LUST REG 6V, Date of C Close Date: 2/3/1999 Status: Case Closed	BOX 208 Government Version: 06/07/2005	N 0 - 1/8 (0.088 mi.)	E17	34
CONTEL  Database: LUST REG 6V, Date of Content of Content of Covernment		NNE 1/8 - 1/4 (0.175 mi.)	G31	63
NORCO GOODYEAR SERVI  Database: LUST REG 6V, Date of C Database: LUST, Date of Governme Status: Completed - Case Closed Global Id: T0605100027 Close Date: 10/8/1996 Status: Case Closed		NW 1/4 - 1/2 (0.286 mi.)	35	68
THE VILLAGE AT MAMMO Database: LUST, Date of Governments Status: Completed - Case Closed Global Id: T0605130574	MINARET RD ent Version: 09/11/2017	WSW 1/4 - 1/2 (0.448 mi.)	37	75
Lower Elevation	Address	Direction / Distance	Map ID	Page
CENTER STREET SHELL  Database: LUST REG 6V, Date of C Database: LUST, Date of Governme Status: Completed - Case Closed Global Id: T0605100033 Status: Post remedial action monito	ent Version: 09/11/2017	NNE 0 - 1/8 (0.025 mi.)	А3	9
NAPA OF MAMMOTH  Database: LUST REG 6V, Date of C Close Date: 12/20/1993  Status: Case Closed	<b>HWY 203</b> Government Version: 06/07/2005	NE 0 - 1/8 (0.066 mi.)	B7	20
MINEART MAINTENANCE Database: LUST REG 6V, Date of C Close Date: 6/22/1988 Status: Case Closed	HWY 203 Government Version: 06/07/2005	NE 0 - 1/8 (0.066 mi.)	B8	21
UNOCAL #5749  Database: LUST REG 6V, Date of C Database: LUST, Date of Governme Status: Completed - Case Closed Global Id: T0605100013 Close Date: 4/19/2002 Status: Case Closed		NE 0 - 1/8 (0.069 mi.)	B12	25
CHEVRON #8-1861 Database: LUST REG 6V, Date of C	PO BOX 27 Government Version: 06/07/2005	NE 0 - 1/8 (0.074 mi.)	B15	29

Close Date: 11/14/2003 Status: Case Closed **EXXON MINI-MART (FOR 3280 MAIN ST** NNE 0 - 1/8 (0.084 mi.) D16 30 Database: LUST REG 6V, Date of Government Version: 06/07/2005 Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0605100011 Close Date: 12/22/1998 Status: Case Closed MAMMOTH CHEVRON MINI 3236 MAIN ST NNE 0 - 1/8 (0.089 mi.) D20 37 Database: LUST REG 6V, Date of Government Version: 06/07/2005 Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0605100018 Status: Post remedial action monitoring MAMMOTH SHELL STATIO **HWY 203 & MAMMOTH RD** ENE 0 - 1/8 (0.108 mi.) C22 49 Database: LUST REG 6V, Date of Government Version: 06/07/2005 Close Date: 10/1/2003 Status: Case Closed MAMMOTH SHELL STATIO HWY 203 & MAMMOTH RD ENE 1/8 - 1/4 (0.147 mi.) 56 26 Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0605100008

**501 OLD MAMMOTH RD** 

SSE 1/4 - 1/2 (0.436 mi.)

72

**MAMMOTH RETAIL SHOPS** Database: LUST REG 6V, Date of Government Version: 06/07/2005 Database: LUST, Date of Government Version: 09/11/2017

Status: Completed - Case Closed

Global Id: T0605100004 Close Date: 9/5/1995 Status: Case Closed

#### State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CENTER STREET SHELL Database: UST, Date of Governme Facility Id: 26-000-000754	3275 MAIN STREET ent Version: 09/11/2017	NNE 0 - 1/8 (0.025 mi.)	A4	18
MAMMOTH CHEVRON MINI Database: UST, Date of Governme Facility Id: 26-000-000119	3236 MAIN STREET ent Version: 09/11/2017	NNE 0 - 1/8 (0.089 mi.)	D21	49
MAMMOTH SHELL Database: UST, Date of Governme	3011 MAIN STREET ent Version: 09/11/2017	ENE 1/8 - 1/4 (0.155 mi.)	F29	61

Facility Id: 26-000-000133

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

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VERIZON MAMMOTH LAKE	47039 PINECREST AVE.	NNE 1/8 - 1/4 (0.176 mi.)	G32	65

#### ADDITIONAL ENVIRONMENTAL RECORDS

## Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 5 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIERRA CONCRETE PUMP Comp Number: 65023	BOX 8735	N 0 - 1/8 (0.088 mi.)	E18	35
CONTEL Comp Number: 1459	470039 PINECREST AVE	NNE 1/8 - 1/4 (0.175 mi.)	G31	63
CHEVRON MAMMOTH LAKE Status: A Tank Status: A Comp Number: 62157	203 PINECREST	NNW 1/8 - 1/4 (0.210 mi.)	33	66
Lower Elevation	Address	Direction / Distance	Map ID	Page
UNION OIL SS# 5749 Comp Number: 1736	SW HWY 203 & LAUREL	ENE 0 - 1/8 (0.067 mi.)	C9	22
EXXON MINI-MART (FOR Status: A Tank Status: A Comp Number: 5423	3280 MAIN ST	NNE 0 - 1/8 (0.084 mi.)	D16	30

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIERRA CONCRETE PUMP	BOX 8735	N 0 - 1/8 (0.088 mi.)	E18	35

Lower Elevation	Address	<b>Direction / Distance</b>	Map ID	Page	
UNION OIL SS# 5749 Facility Id: 00000001736	SW. HWY. 203 & LAURE	ENE 0 - 1/8 (0.067 mi.)	C10	23	
UNION OIL SS 5749	SW HWY 203 AND LAURE	ENE 0 - 1/8 (0.067 mi.)	C11	24	

#### Other Ascertainable Records

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

A review of the Cortese list, as provided by EDR, and dated 09/21/2017 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOT CREEK HATCHERY N	85 OLD SCHOOL ROAD	NNW 0 - 1/8 (0.121 mi.)	E23	51

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 6 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERIGAS PROPANE-161 Database: CUPA MONO, Date of Gove Facility Number: FA0000864 Facility Status: 02 - Inactive, non-billab		NW 0 - 1/8 (0.009 mi.)	1	8
Lower Elevation	Address	Direction / Distance	Map ID	Page
CENTER STREET SHELL Database: CUPA MONO, Date of Gove Facility Number: FA0000754 Facility Status: 01 - Active, billable Facility Status: 02 - Inactive, non-billab		NNE 0 - 1/8 (0.025 mi.)	A3	9
MAMMOTH CHEVRON MINI  Database: CUPA MONO, Date of Gove Facility Number: FA0000119  Facility Status: 01 - Active, billable Facility Status: 02 - Inactive, non-billab		NNE 0 - 1/8 (0.089 mi.)	D20	37
RITE AID # 5842 Database: CUPA MONO, Date of Gove Facility Number: FA0000208 Facility Status: 01 - Active, billable	26 OLD MAMMOTH RD ernment Version: 08/08/2017	E 0 - 1/8 (0.122 mi.)	F24	52
VERIZON WIRELESS- MA Database: CUPA MONO, Date of Gove	39 PINECREST AVE ernment Version: 08/08/2017	NNE 1/8 - 1/4 (0.152 mi.)	G28	60

Facility Number: FA0000903 Facility Status: 01 - Active, billable Facility Status: 02 - Inactive, non-billable

MAMMOTH SHELL 3011 MAIN ST ENE 1/8 - 1/4 (0.155 mi.) F30 61

Database: CUPA MONO, Date of Government Version: 08/08/2017

Facility Number: FA0000133 Facility Status: 01 - Active, billable Facility Status: 02 - Inactive, non-billable

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 10 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
MAMMOTH HOT SPRINGS Reg ld: 6B2600329T	BOX 208	N 0 - 1/8 (0.088 mi.)	E17	34	
<b>CONTEL</b> Reg Id: 6B2600778T	470039 PINECREST AVE	NNE 1/8 - 1/4 (0.175 mi.)	G31	63	
NORCO GOODYEAR SERVI Reg ld: 6B2600743T	3670 MAIN ST	NW 1/4 - 1/2 (0.286 mi.)	35	68	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
CENTER STREET SHELL Reg ld: 6B2600814T	3275 MAIN ST	NNE 0 - 1/8 (0.025 mi.)	A3	9	
NAPA OF MAMMOTH Reg Id: 6B2600630T	HWY 203	NE 0 - 1/8 (0.066 mi.)	B7	20	
<b>UNOCAL #5749</b> Reg ld: 6B2600417T	3141 MAIN ST	NE 0 - 1/8 (0.069 mi.)	B12	25	
CHEVRON M.L. #9-1861 Reg Id: 6B2600628T	3236 FORREST TRAIL	NE 0 - 1/8 (0.074 mi.)	B14	29	
EXXON MINI-MART (FOR Reg ld: 6B2600377T	3280 MAIN ST	NNE 0 - 1/8 (0.084 mi.)	D16	30	
MAMMOTH SHELL STATIO Reg ld: 6B2600247T	HWY 203 & MAMMOTH RD	ENE 0 - 1/8 (0.108 mi.)	C22	49	
MAMMOTH RETAIL SHOPS Reg ld: 6B2600032T	501 OLD MAMMOTH RD	SSE 1/4 - 1/2 (0.436 mi.)	36	72	

# EDR HIGH RISK HISTORICAL RECORDS

**EDR Exclusive Records** 

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
MAMMOTH MOBIL INC	3275 MAIN ST	NNE 0 - 1/8 (0.025 mi.)	A2	9	
MAMMOTH MOBIL	HWY 203 & CENTER ST	NNE 0 - 1/8 (0.055 mi.)	A6	20	
MAMMOTH CHEVRON INC	3236 MAIN ST	NNE 0 - 1/8 (0.089 mi.)	D19	36	

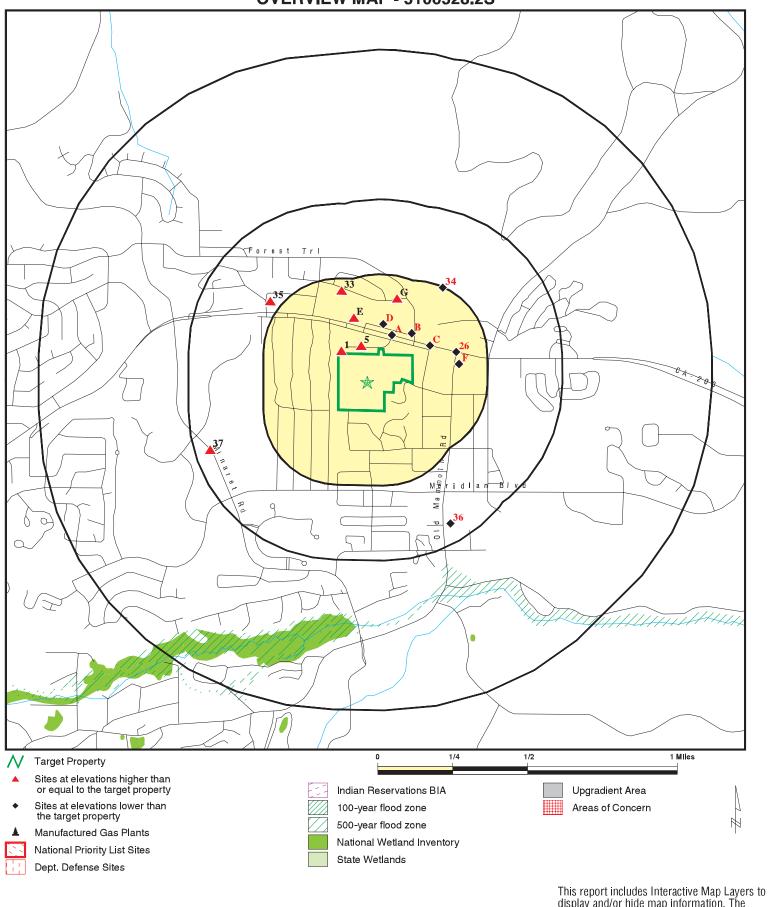
Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name Database(s)

MAMMOTH MOBILE MMSA MAINTENANCE GARAGE THE VILLAGE AT MAMMOTH

LUST, HIST CORTESE LUST, HIST CORTESE LUST

# **OVERVIEW MAP - 5106528.2S**



display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Shady Rest Tract

ADDRESS: 33 Center Street & 1699 Tavern Road

Mammoth Lakes CA 93546 LAT/LONG: 37.645364 / 118.971272

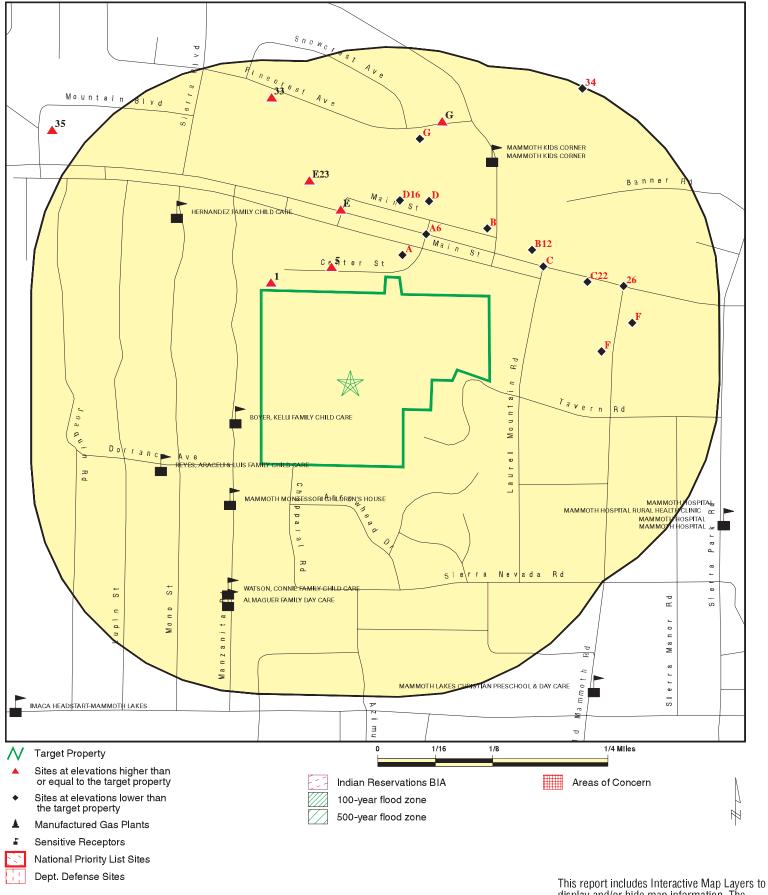
CLIENT: CONTACT: Michael Baker International

Jessica Ditto INQUIRY#: 5106528.2s

DATE: November 13, 2017 6:13 pm

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## **DETAIL MAP - 5106528.2S**



SITE NAME: Shady Rest Tract

ADDRESS: 33 Center Street & 1699 Tavern Road

Mammoth Lakes CA 93546 LAT/LONG: 37.645364 / 118.971272 CONTACT: Jessica Ditto INQUIRY #: 5106528.2s

CLIENT:

DATE: November 13, 2017 6:14 pm

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Michael Baker International

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

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 1 1	0 1 0	NR NR NR	NR NR NR	NR NR NR	0 2 1
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equiva	alent NPL							
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equiva	alent CERCLIS	;						
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	1	0	NR	NR	1
State and tribal leaking	storage tank l	ists						
LUST	0.500		10	2	3	NR	NR	15

	Search Distance	Target						Total
<u>Database</u>	(Miles)	Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Plotted
INDIAN LUST SLIC	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal registered	d storage tar	nk lists						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 2 0 0	0 1 1 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 3 1 0
State and tribal voluntary	cleanup site	es						
VCP INDIAN VCP	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENT	TAL RECORDS	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
WMUDS/SWAT SWRCY HAULERS INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.001 0.500 0.500 0.500 0.500		0 0 0 0 0 0	0 0 NR 0 0 0	0 0 NR 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste/							
US HIST CDL HIST Cal-Sites SCH CDL Toxic Pits US CDL	0.001 1.000 0.250 0.001 1.000 0.001		0 0 0 0 0	NR 0 0 NR 0 NR	NR 0 NR NR 0 NR	NR 0 NR NR 0 NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Registered	Storage Tan	iks						
SWEEPS UST HIST UST CA FID UST	0.250 0.250 0.250		3 3 0	2 0 0	NR NR NR	NR NR NR	NR NR NR	5 3 0
Local Land Records								
LIENS LIENS 2 DEED	0.001 0.001 0.500		0 0 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency R	elease Repo	rts						
HMIRS	0.001		0	NR	NR	NR	NR	0

CHMIRS	Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	<u>&gt; 1</u>	Total Plotted
MCS	CHMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS 90		0.001		0	NR	NR	NR	NR	0
### Color   Co				0					0
RCRA NonGen / NLR	SPILLS 90	0.001		0	NR	NR	NR	NR	0
FUDS	Other Ascertainable Rec	ords							
DOD         1,000         0         0         0         0         NR         NR         0           US FIN ASSUR         0.001         0         NR	RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
SCRD DRYCLEANERS   0.500	FUDS	1.000		0	0	0	0	NR	0
US FIN ASSUR 0.001 0 NR NR NR NR NR 0 PEPA WATCH LIST 0.001 0 NR NR NR NR NR 0 0 2020 COR ACTION 0.250 0 0 NR NR NR NR NR 0 0 TSCA 0.001 0 NR NR NR NR NR 0 0 TSCA 0.001 0 NR NR NR NR NR 0 0 TSCA 0.001 0 NR NR NR NR NR 0 0 TSCA 0.001 0 NR NR NR NR NR NR 0 0 SSTS 0.001 0 NR NR NR NR NR NR 0 0 SSTS 0.001 0 NR NR NR NR NR 0 0 NR NR NR NR NR NR 0 0 NR NR NR NR NR 0 0 NR NR NR NR NR 0 0 NR NR NR NR NR NR NR NR 0 0 NR NR NR NR NR NR NR 0 0 NR NR NR NR NR NR NR 0 0 NR NR NR NR NR NR NR 0 0	DOD	1.000		0	0	0	0	NR	0
EPA WATCH LIST         0.001         0         NR         NR         NR         NR         NR         O           2020 COR ACTION         0.250         0         0         NR         NR         NR         NR         0           TSCA         0.001         0         NR         NR         NR         NR         NR         0           TRIS         0.001         0         NR         NR         NR         NR         NR         0           SSTS         0.001         0         NR         NR         NR         NR         NR         0           ROD         1.000         0         0         0         0         NR         NR         NR         NR         0           RMP         0.001         0         NR				-	-	-			0
2020 COR ACTION   0.250									
TSCA				-					
TRIS 0.001 0 NR NR NR NR NR 0 SSTS 0.001 0 NR NR NR NR NR 0 ROD 1.000 0 0 0 0 0 NR 0 NR 0 RMP 0.001 0 NR NR NR NR NR 0 RAATS 0.001 0 NR NR NR NR NR NR 0 PRP 0.001 0 NR NR NR NR NR NR 0 PRP 0.001 0 NR NR NR NR NR NR 0 PADS 0.001 0 NR NR NR NR NR NR 0 PADS 0.001 0 NR NR NR NR NR NR 0 PADS 0.001 0 NR NR NR NR NR 0 PADS 0.001 0 NR NR NR NR NR 0 PATS 0.001 0 NR NR NR NR 0 PATS 0.001 0 NR NR NR NR NR 0 PATS 0.001 NR NR NR NR 0 PATS 0.001 NR NR NR NR 0 PATS 0.001 NR NR NR NR NR 0 PATS 0.0				-	-				-
SSTS									
ROD         1,000         0         0         0         0         NR         NR         0           RMP         0,001         0         NR				-					
RMP				-					-
RAATS         0.001         0         NR         NR         NR         NR         NR         O           PRP         0.001         0         NR         NR         NR         NR         NR         O           PADS         0.001         0         NR									
PRP									
PADS         0.001         0         NR         NR         NR         NR         NR         O           ICIS         0.001         0         NR         NR         NR         NR         NR         NR         O           FITS         0.001         0         NR	_			-					-
ICIS									
FTTS 0.001 0 NR NR NR NR NR 0 MLTS 0.001 0 NR NR NR NR NR NR 0 COAL ASH DOE 0.001 0 NR NR NR NR NR NR 0 COAL ASH EPA 0.500 0 0 0 NR NR NR NR 0 PCB TRANSFORMER 0.001 0 NR NR NR NR NR 0 NR NR NR NR 0 NR NR NR NR NR NR 0 NR	_			-					
MLTS         0.001         0         NR         NR         NR         NR         NR         O           COAL ASH EPA         0.500         0         0         0         0         NR         NR         NR         NR         0         0         PCB TRANSFORMER         0.001         0         NR         NR <td< td=""><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td>-</td></td<>				-					-
COAL ASH DOE         0.001         0         NR         NR         NR         NR         NR         0           COAL ASH EPA         0.500         0         0         0         NR         NR         NR         0           PCB TRANSFORMER         0.001         0         NR									
COAL ASH EPA         0.500         0         0         0         NR         NR         0           PCB TRANSFORMER         0.001         0         NR	_								
PCB TRANSFORMER         0.001         0         NR         NR         NR         NR         0           RADINFO         0.001         0         NR         NR         NR         NR         NR         0           HIST FTTS         0.001         0         NR         NR         NR         NR         NR         0           DOT OPS         0.001         0         NR         NR         NR         NR         NR         0           CONSENT         1.000         0         0         0         0         0         NR         NR         NR         NR         0           INDIAN RESERV         0.001         0         NR         NR         NR         NR         NR         0         0         0         0         NR         NR         NR         0         0         0         0         NR         NR         NR         0         0         0         NR         NR         NR         0         0         NR         NR         NR         NR         0         0         NR				-					-
RADINFO 0.001 0 NR NR NR NR NR 0 HIST FTTS 0.001 0 NR NR NR NR NR N NR 0 DOT OPS 0.001 0 NR NR NR NR NR NR 0 CONSENT 1.000 0 NR NR NR NR NR NR 0 CONSENT 1.000 0 NR NR NR NR NR NR 0 CONSENT 1.000 0 NR NR NR NR NR NR 0 CONSERV 1.000 0 NR NR NR NR NR NR 0 CONSERV 1.000 0 NR NR NR NR NR NR 0 CONSERV 1.000 0 NR NR NR NR NR NR 0 CONSERV 1.000 0 NR									
HIST FTTS         0.001         0         NR         NR         NR         NR         NR         0           DOT OPS         0.001         0         0         NR         NR         NR         NR         NR         0           CONSENT         1.000         0         0         0         0         0         NR         NR         NR         NR         0           INDIAN RESERV         0.001         0         0         NR         NR         NR         NR         NR         NR         NR         0         0         NR         NR         NR         NR         NR         NR         NR         NR         NR         0         0         NR         NR<				0		NR	NR		
CONSENT         1.000         0         0         0         0         NR         0           INDIAN RESERV         0.001         0         NR         NR         NR         NR         NR         0           FUSRAP         1.000         0         0         0         0         0         NR         NR         0           UMTRA         0.500         0         0         0         0         NR         NR         NR         NR         NR         NR         0           LEAD SMELTERS         0.001         0         NR         <	HIST FTTS			0	NR	NR	NR	NR	0
INDIAN RESERV   0.001	DOT OPS	0.001		0	NR	NR	NR	NR	0
FUSRAP         1.000         0         0         0         0         NR         0           UMTRA         0.500         0         0         0         NR         NR         NR         NR         0           LEAD SMELTERS         0.001         0         NR         NR         NR         NR         NR         NR         0           US AIRS         0.001         0         NR         NR         NR         NR         NR         NR         0           US MINES         0.250         0         0         NR         NR <t< td=""><td>CONSENT</td><td></td><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td>NR</td><td>0</td></t<>	CONSENT			0	0	0	0	NR	0
UMTRA         0.500         0         0         0         NR         NR         NR         0           LEAD SMELTERS         0.001         0         NR         NR         NR         NR         NR         0           US AIRS         0.001         0         NR         NR         NR         NR         NR         NR         0           US MINES         0.250         0         0         NR         NR         NR         NR         NR         NR         0           ABANDONED MINES         0.001         0         0         NR         NR         NR         NR         NR         NR         NR         NR         NR         0         0         ABANDONED MINES         0.001         0         NR         0         0         0         NR         NR         NR         NR         NR         0         0         NR         0         NR									
LEAD SMELTERS         0.001         0         NR									
US AIRS         0.001         0         NR	_			-	-	-			-
US MINES         0.250         0         0         NR         NR         NR         NR         0           ABANDONED MINES         0.001         0         NR         NR<									
ABANDONED MINES 0.001 0 NR NR NR NR NR 0 FINDS 0.001 0 NR NR NR NR NR 0 UXO 1.000 0 0 0 0 0 NR NR NR NR 0 ECHO 0.001 0 NR NR NR NR NR NR 0 DOCKET HWC 0.001 0 NR NR NR NR NR NR 0 FUELS PROGRAM 0.250 0 0 NR NR NR NR NR NR 0 CA BOND EXP. PLAN 1.000 0 0 0 NR NR NR NR 0 Cortese 0.500 1 0 0 NR NR NR NR 1 CUPA Listings 0.250 4 2 NR NR NR NR 0 EMI 0.001 0 NR NR NR NR 0				-					
FINDS         0.001         0         NR         NR         NR         NR         NR         0           UXO         1.000         0         0         0         0         NR         NR         0           ECHO         0.001         0         NR         NR         NR         NR         NR         NR         0           DOCKET HWC         0.001         0         NR         NR         NR         NR         NR         0           FUELS PROGRAM         0.250         0         0         NR         NR         NR         NR         0           CA BOND EXP. PLAN         1.000         0         0         0         NR         NR         NR         0           Cortese         0.500         1         0         0         NR         NR         NR         1           CUPA Listings         0.250         4         2         NR         NR         NR         6           DRYCLEANERS         0.250         0         0         NR         NR         NR         NR         0           EMI         0.001         0         NR         NR         NR         NR         NR         0 <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td>				-	-				
UXO         1.000         0         0         0         0         NR         0           ECHO         0.001         0         NR         0         0         NR         NR         NR         NR         0         0         0         NR         NR         NR         NR         0         0         0         NR         NR         NR         0         0         NR         NR         NR         0         0         NR         NR         NR         NR         0         0         NR         NR         NR         NR         NR         1         0         NR         <									
ECHO         0.001         0         NR         O           FUELS PROGRAM         0.250         0         0         NR         NR         NR         NR         NR         NR         O         O         O         NR         NR         NR         NR         O         O         O         NR				-					
DOCKET HWC         0.001         0         NR         NR         NR         NR         NR         NR         0           FUELS PROGRAM         0.250         0         0         NR         NR         NR         NR         0           CA BOND EXP. PLAN         1.000         0         0         0         NR         NR         0           Cortese         0.500         1         0         0         NR         NR         NR         1           CUPA Listings         0.250         4         2         NR         NR         NR         NR         6           DRYCLEANERS         0.250         0         0         NR         NR         NR         NR         0           EMI         0.001         0         NR         NR         NR         NR         0           ENF         0.001         0         NR         NR         NR         NR         0				-					_
FUELS PROGRAM         0.250         0         0         NR         NR         NR         0           CA BOND EXP. PLAN         1.000         0         0         0         0         NR         0           Cortese         0.500         1         0         0         NR         NR         1           CUPA Listings         0.250         4         2         NR         NR         NR         NR         6           DRYCLEANERS         0.250         0         0         NR         NR         NR         NR         0           EMI         0.001         0         NR         NR         NR         NR         0           ENF         0.001         0         NR         NR         NR         NR         0									
CA BOND EXP. PLAN       1.000       0       0       0       0       NR       0         Cortese       0.500       1       0       0       NR       NR       1         CUPA Listings       0.250       4       2       NR       NR       NR       NR       6         DRYCLEANERS       0.250       0       0       NR       NR       NR       NR       0         EMI       0.001       0       NR       NR       NR       NR       0         ENF       0.001       0       NR       NR       NR       NR       0									
Cortese         0.500         1         0         0         NR         NR         1           CUPA Listings         0.250         4         2         NR         NR         NR         6           DRYCLEANERS         0.250         0         0         NR         NR         NR         NR         0           EMI         0.001         0         NR         NR         NR         NR         0           ENF         0.001         0         NR         NR         NR         NR         0									
CUPA Listings       0.250       4       2       NR       NR       NR       6         DRYCLEANERS       0.250       0       0       NR       NR       NR       0         EMI       0.001       0       NR       NR       NR       NR       0         ENF       0.001       0       NR       NR       NR       NR       0									
DRYCLEANERS         0.250         0         0         NR         NR         NR         0           EMI         0.001         0         NR         NR         NR         NR         0           ENF         0.001         0         NR         NR         NR         NR         0									
EMI         0.001         0         NR         NR         NR         NR         0           ENF         0.001         0         NR         NR         NR         NR         0									
ENF 0.001 0 NR NR NR NR 0									
				0					
HAZNET 0.001 0 NR NR NR NR 0	HAZNET	0.001		0	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		7	1	2	NR	NR	10
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORIC								
EDD MCD	1.000		0	0	0	^	ND	0
EDR MGP EDR Hist Auto	0.125		0 3	0 NR	0 NR	0 NR	NR NR	0
EDR Hist Auto	0.125		0	NR NR	NR NR	NR NR	NR NR	3 0
EDR HISt Cleaner	0.123		U	INK	INIX	INIX	INIX	U
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered G	ovt. Archives							
RGA LF RGA LUST	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
- Totals		0	35	11	5	0	0	51

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**AMERIGAS PROPANE-161 CENTER ST-ML CUPA Listings** S118947162 NW **161 CENTER ST** N/A

< 1/8 MAMMOTH LAKES, CA 93546

0.009 mi. 46 ft.

CUPA MONO: Relative:

2116 - BUSINESS PLAN (small-55 to 5,000 gallons) Higher Program:

Facility Number: FA0000864

Actual: Facility Status: 02 - Inactive, non-billable 7879 ft.

Contact Phone: (530) 477-7320 Contact Address: 460 N. GULPH RD. KING OF PRUSSIA Contact City:

Contact State: PΑ 19406 Contact Zip: EDR Link ID: FA0000864

Program: 2313 - ELECTRONIC REPORTING (Annual State Surcharge)

Facility Number: FA0000864

Facility Status: 02 - Inactive, non-billable Contact Phone: (530) 477-7320 Contact Address: 460 N. GULPH RD.

Contact City: KING OF PRUSSIA

Contact State: PΑ Contact Zip: 19406 EDR Link ID: FA0000864

Program: 2314 - HAZMAT(Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000864

Facility Status: 02 - Inactive, non-billable

Contact Phone: (530) 477-7320 Contact Address: 460 N. GULPH RD. Contact City: KING OF PRUSSIA

Contact State: PΑ Contact Zip: 19406 EDR Link ID: FA0000864

2370 - CUPA FACILITY FEE Program:

Facility Number: FA0000864

Facility Status: 02 - Inactive, non-billable

Contact Phone: (530) 477-7320 Contact Address: 460 N. GULPH RD. Contact City: KING OF PRUSSIA

Contact State: PA Contact Zip: 19406 EDR Link ID: FA0000864

Program: 2160 - HANDLER PERMIT HAZMAT 0-1999 GAL

Facility Number: FA0000864

Facility Status: 02 - Inactive, non-billable Contact Phone: (530) 477-7320 Contact Address: 460 N. GULPH RD. KING OF PRUSSIA Contact City:

Contact State: PΑ 19406 Contact Zip: EDR Link ID: FA0000864 Map ID MAP FINDINGS Direction

**EDR ID Number** Distance Elevation Site **EPA ID Number** Database(s)

**A2 MAMMOTH MOBIL INC EDR Hist Auto** 1020941937 NNE **3275 MAIN ST** 

N/A

MAMMOTH LAKES, CA 93546 < 1/8

0.025 mi.

131 ft. Site 1 of 4 in cluster A

Relative:

**EDR Hist Auto** 

Lower

Year: Name: Type:

Actual: 1986 MAMMOTH MOBIL INC Gasoline Service Stations 7860 ft.

MAMMOTH B P INC

MAMMOTH MOBIL INC Gasoline Service Stations 1987 1988 MAMMOTH MOBIL INC **Gasoline Service Stations** 1989 MAMMOTH MOBIL INC Gasoline Service Stations, NEC MAMMOTH MOBIL INC Gasoline Service Stations, NEC 1990 MAMMOTH MOBIL INC Gasoline Service Stations, NEC 1991 1992 MAMMOTH MOBIL INC Gasoline Service Stations, NEC 1993 MAMMOTH MOBIL INC Gasoline Service Stations, NEC 1994 MAMMOTH BP INC Gasoline Service Stations, NEC 1995 MAMMOTH BP INC Gasoline Service Stations, NEC MAMMOTH BP INC 1996 Gasoline Service Stations, NEC 1997 MAMMOTH BP INC Gasoline Service Stations, NEC Gasoline Service Stations, NEC 1998 MAMMOTH BP INC 1999 MAMMOTH BP INC Gasoline Service Stations, NEC 2000 MAMMOTH B P INC Gasoline Service Stations, NEC MAMMOTH B P INC Gasoline Service Stations, NEC 2001

**A3 CENTER STREET SHELL** LUST S102554148 **NNE 3275 MAIN ST CUPA Listings** N/A

Gasoline Service Stations, NEC

**HIST CORTESE** 

MAMMOTH LAKES, CA 93546 < 1/8

2002

0.025 mi.

131 ft. Site 2 of 4 in cluster A

Relative:

LAHONTAN RWQCB (REGION 6T) Lead Agency: Lower

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100033 7860 ft.

Global Id: T0605100033 Latitude: 37.6473937270394 -118.970157671828 Longitude: Status: Completed - Case Closed

09/30/2013 Status Date: Case Worker: **BDG** RB Case Number: 6B2600814T Local Agency: MONO COUNTY File Location: Not reported Local Case Number: Not reported

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline Site History: Not reported

LUST:

Global Id: T0605100033

Regional Board Caseworker Contact Type:

Contact Name: **BRIAN GREY** 

Organization Name: LAHONTAN RWQCB (REGION 6T) Address: 2501 LAKE TAHOE BOULEVARD

City: SOUTH LAKE TAHOE Email: bgrey@waterboards.ca.gov

Phone Number: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **CENTER STREET SHELL (Continued)**

S102554148

Global Id: T0605100033

Contact Type: Local Agency Caseworker

Contact Name: LOUIS MOLINA Organization Name: MONO COUNTY Address: P.O. BOX 3329 City: MAMMOTH LAKES Email: Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

Global Id: T0605100033 Action Type: **ENFORCEMENT** Date: 05/10/2001 Action: Staff Letter

T0605100033 Global Id: Action Type: Other Date: 05/05/1997 Action: Leak Reported

Global Id: T0605100033 **ENFORCEMENT** Action Type: Date: 11/05/2008

Action: Verbal Enforcement

Global Id: T0605100033 Action Type: **ENFORCEMENT** Date: 01/13/2009 Action: Verbal Enforcement

Global Id: T0605100033 Action Type: **ENFORCEMENT** Date: 03/17/2010 Action: Verbal Enforcement

Global Id: T0605100033 Action Type: Other 04/24/1997 Date: Action: Leak Discovery

Global Id: T0605100033 Action Type: **RESPONSE** Date: 07/30/2009

Action: Monitoring Report - Quarterly

Global Id: T0605100033 Action Type: **RESPONSE** 04/30/2009 Date:

Monitoring Report - Quarterly Action:

Global Id: T0605100033 Action Type: **RESPONSE** 09/23/2004 Date:

Action: Monitoring Report - Quarterly

Global Id: T0605100033 **ENFORCEMENT** Action Type:

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

## **CENTER STREET SHELL (Continued)**

S102554148

**EDR ID Number** 

Date: 01/25/2013
Action: Verbal Enforcement

Global Id: T0605100033
Action Type: ENFORCEMENT
Date: 09/30/2013

Action: Closure/No Further Action Letter

Global Id: T0605100033
Action Type: RESPONSE
Date: 05/15/2007

Action: Verbal Communication

 Global Id:
 T0605100033

 Action Type:
 RESPONSE

 Date:
 01/15/2010

Action: Monitoring Report - Semi-Annually

 Global Id:
 T0605100033

 Action Type:
 RESPONSE

 Date:
 07/15/2010

Action: Monitoring Report - Semi-Annually

Global Id: T0605100033
Action Type: RESPONSE
Date: 10/15/2010

Action: Monitoring Report - Semi-Annually

Global Id: T0605100033
Action Type: RESPONSE
Date: 07/22/2010

Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605100033
Action Type: RESPONSE
Date: 08/30/2007

Action: Clean Up Fund - 5-Year Review Summary

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 11/26/2012

Action: Notification - Preclosure

 Global Id:
 T0605100033

 Action Type:
 REMEDIATION

 Date:
 04/26/2011

Action: In Situ Physical/Chemical Treatment (other than SVE)

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 10/30/2008

 Action:
 Staff Letter

 Global Id:
 T0605100033

 Action Type:
 RESPONSE

 Date:
 12/05/2002

Action: Monitoring Report - Quarterly

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

### **CENTER STREET SHELL (Continued)**

S102554148

**EDR ID Number** 

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 01/25/2001

 Action:
 Staff Letter

 Global Id:
 T0605100033

 Action Type:
 RESPONSE

 Date:
 08/03/2005

Action: Other Report / Document

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 12/06/2012

Action: Notification - Preclosure

Global Id: T0605100033
Action Type: RESPONSE
Date: 09/15/2007

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 04/20/2011

 Action:
 Staff Letter

Global Id: T0605100033
Action Type: RESPONSE
Date: 04/26/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100033

 Action Type:
 RESPONSE

 Date:
 04/15/2012

Action: Monitoring Report - Semi-Annually

 Global Id:
 T0605100033

 Action Type:
 RESPONSE

 Date:
 04/15/2011

Action: Monitoring Report - Semi-Annually

 Global Id:
 T0605100033

 Action Type:
 Other

 Date:
 04/24/1997

 Action:
 Leak Stopped

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 03/20/2009

Action: Technical Correspondence / Assistance / Other

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 10/31/2005

 Action:
 Staff Letter

Global Id: T0605100033
Action Type: RESPONSE

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **CENTER STREET SHELL (Continued)**

S102554148

Date: 05/28/2013

Well Destruction Report Action:

Global Id: T0605100033 Action Type: **RESPONSE** 03/05/2003 Date:

Action: Monitoring Report - Quarterly

Global Id: T0605100033 Action Type: **RESPONSE** Date: 07/13/2004

Monitoring Report - Quarterly Action:

Global Id: T0605100033 Action Type: **RESPONSE** Date: 03/06/2003

Action: Monitoring Report - Quarterly

Global Id: T0605100033 **RESPONSE** Action Type: Date: 05/07/2003

Action: Monitoring Report - Quarterly

Global Id: T0605100033 **RESPONSE** Action Type: Date: 07/01/2003

Action: Monitoring Report - Quarterly

T0605100033 Global Id: Action Type: **ENFORCEMENT** 08/31/2010 Date: Action: Staff Letter

Global Id: T0605100033 **RESPONSE** Action Type: 07/06/2007 Date:

Action: Monitoring Report - Quarterly

T0605100033 Global Id: **ENFORCEMENT** Action Type: Date: 05/31/2013 Action: Staff Letter

Global Id: T0605100033 Action Type: **RESPONSE** Date: 10/15/2011

Action: Monitoring Report - Semi-Annually

Global Id: T0605100033 Action Type: **RESPONSE** 12/15/2008 Date:

Action: CAP/RAP - Other Report

Global Id: T0605100033 Action Type: RESPONSE Date: 03/24/2003

Action: Monitoring Report - Quarterly Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

### **CENTER STREET SHELL (Continued)**

S102554148

**EDR ID Number** 

 Global Id:
 T0605100033

 Action Type:
 RESPONSE

 Date:
 03/04/2004

Action: Other Report / Document

Global Id: T0605100033
Action Type: RESPONSE
Date: 05/27/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 08/26/2008

 Action:
 Staff Letter

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 07/20/2009

 Action:
 Letter - Notice

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 02/03/2010

Action: Verbal Enforcement

Global Id: T0605100033
Action Type: ENFORCEMENT
Date: 01/13/2010

Action: Technical Correspondence / Assistance / Other

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 04/03/2002

 Action:
 Staff Letter

 Global Id:
 T0605100033

 Action Type:
 ENFORCEMENT

 Date:
 04/17/2012

 Action:
 Staff Letter

Global Id: T0605100033
Action Type: RESPONSE
Date: 11/19/2012

Action: Request for Closure - Regulator Responded

Global Id: T0605100033
Action Type: RESPONSE
Date: 09/24/2013

Action: Well Destruction Report - Regulator Responded

Global Id: T0605100033
Action Type: RESPONSE
Date: 09/02/2003

Action: Monitoring Report - Quarterly

Global Id: T0605100033
Action Type: RESPONSE

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

### **CENTER STREET SHELL (Continued)**

S102554148

**EDR ID Number** 

Date: 03/14/2006

Action: Monitoring Report - Quarterly

LUST:

Global Id: T0605100033

Status: Completed - Case Closed

Status Date: 09/30/2013

Global Id: T0605100033

Status: Open - Case Begin Date

Status Date: 04/24/1997

Global Id: T0605100033

Status: Open - Eligible for Closure

Status Date: 03/25/2013

Global Id: T0605100033
Status: Open - Remediation

Status Date: 01/25/2001

Global Id: T0605100033 Status: Open - Remediation

Status Date: 04/26/2011

Global Id: T0605100033

Status: Open - Site Assessment

Status Date: 05/05/1997

Global Id: T0605100033

Status: Open - Site Assessment

Status Date: 05/15/1999

Global Id: T0605100033

Status: Open - Verification Monitoring

Status Date: 09/02/2003

LUST Region 6V:

Region: 6V

 Case Number:
 6B2600814T

 Leak Record:
 5/13/1997

 Report Date:
 5/5/1997

 Reported By Address:
 P.O. Box 1056

 Responsible Party:
 James Nelson

Operator: JOHN OR SUSAN SIMPSON

Cross Street: CENTER ST Local Agency: 26000 Regional Board: 6V Chemical: Gasoline

Case Type: Drinking Water Aquifer affected

Funding: Not reported

Enforce Type: SEL

How Found: Tank Closure
How Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Tank

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **CENTER STREET SHELL (Continued)**

S102554148

Global ID: T0605100033 4/24/1997 Stop Date: Leak Confirm: Not reported Submit Workplan: Not reported Prelim Assess: 5/5/1997 5/15/1999 Pollution Char: Not reported Remed Plan: Remed Action: 1/25/2001 Monitoring: 9/2/2003 Close Date: Not reported Discovered: 4/24/1997 1/25/2001 Enforce Date: 11/3/2001 Review Date: **GW Qualifier:** Not reported Soil Qualifier: Not reported MTBE class:

Max MTBE Grnd Wtr: 383

Max MTBE Soil: Not reported

MTBE Counts: MTBE Fuel: 1 MTBE Tested: YES

Organization Name: Not reported

Post remedial action monitoring Status:

Contact: Not reported Interim Action: Not reported Pilot Program: LUST

Lat/Long: 37.648347 / -118.976895

Staff Initials: DF

Local Agency Staff: Not reported Lead Agency: Regional Board

SEE LEAK REPORT SUBMITTED 5/15/97 RFRD TO RB SOME SOIL RMVD 3 SHALLOW Summary:

SVE WELS INSTLD

Basin Number: **UNNAMED BASIN** Beneficial: Not reported Not reported Priority: UST Cleanup Fund ID: Not reported Not reported Suspended: Local Case Number: Not reported Amount: Not reported

Abate Method: Excavate and Treat - remove contaminated soil and treat (includes

spreading or land farming)

Water System: Not reported Well Name: Not reported Distance: 2118.119651 Wst Disch Regrmnt Global ID: Not reported Wst Disch Regrmnt Name: Not reported

**CUPA MONO:** 

2117 - BUSINESS PLAN (medium-5001 to 25,000 gallons) Program:

Facility Number: FA0000754 Facility Status: 01 - Active, billable Contact Phone: (760) 873-4095 Contact Address: 1274 N. MAIN ST.

Contact City: **BISHOP** Contact State: CA Contact Zip: 93514 EDR Link ID: FA0000754

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **CENTER STREET SHELL (Continued)**

S102554148

Program: 2314 - HAZMAT(Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000754 Facility Status: 01 - Active, billable Contact Phone: (760) 873-4095 Contact Address: 1274 N. MAIN ST.

**BISHOP** Contact City: Contact State: CA Contact Zip: 93514 EDR Link ID: FA0000754

2371 - FACILITYwith UST/ANNUAL OPERATING PERMIT Program:

Facility Number: FA0000754 Facility Status: 01 - Active, billable Contact Phone: (760) 873-4095 Contact Address: 1274 N. MAIN ST.

Contact City: **BISHOP** Contact State: CA Contact Zip: 93514 EDR Link ID: FA0000754

Program: 2311 - UNDERGROUND STORAGE TANK FACILITY, GAS STN.

Facility Number: FA0000754

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 873-4095 Contact Address: 1274 N. MAIN ST.

Contact City: **BISHOP** Contact State: CA Contact Zip: 93514 EDR Link ID: FA0000754

2313 - ELECTRONIC REPORTING (Annual State Surcharge) Program:

Facility Number: FA0000754

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 873-4095 Contact Address: 1274 N. MAIN ST.

Contact City: **BISHOP** Contact State: CA Contact Zip: 93514 EDR Link ID: FA0000754

2370 - CUPA FACILITY FEE Program:

Facility Number: FA0000754

Facility Status: 02 - Inactive, non-billable

(760) 873-4095 Contact Phone: Contact Address: 1274 N. MAIN ST.

**BISHOP** Contact City: Contact State: CA Contact Zip: 93514 FA0000754 EDR Link ID:

Program: 2378 - UST (Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000754

Facility Status: 02 - Inactive, non-billable Contact Phone: (760) 873-4095 Contact Address: 1274 N. MAIN ST.

Contact City: **BISHOP** Contact State: CA

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

CENTER STREET SHELL (Continued) S102554148

Contact Zip: 93514 EDR Link ID: FA0000754

HIST CORTESE:

Region: CORTESE
Facility County Code: 26
Reg By: LTNKA
Reg Id: 6B2600814T

A4 CENTER STREET SHELL UST U004156955

NNE 3275 MAIN STREET < 1/8 MAMMOTH LAKES, CA 93546

0.025 mi.

131 ft. Site 3 of 4 in cluster A

Relative: UST:

Lower Facility ID: Not reported

Permitting Agency: Mono County Health Department

Actual: Not reported

Actual: Latitude: Not reported Not reported Longitude: Not reported

 Facility ID:
 26-000-000754

 Permitting Agency:
 MONO COUNTY

 Latitude:
 37.6487508

 Longitude:
 -118.9689506

5 MAMMOTH MOBILE LUST S110654686
North CENTER ST N/A

< 1/8 MAMMOTH LAKES, CA 93546

0.027 mi. 144 ft.

Relative: LUST:

Higher Lead Agency: LAHONTAN RWQCB (REGION 6T)

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100023
7872 ft. Global ld: T0605100023

 Global Id:
 T0605100023

 Latitude:
 37.6473546513673

 Longitude:
 -118.970155856206

 Status:
 Completed - Case Closed

10/01/2009 Status Date: Case Worker: **BDG** RB Case Number: 6B2600643T Local Agency: Not reported Not reported File Location: Not reported Local Case Number: Potential Media Affect: Soil Potential Contaminants of Concern: Diesel Site History: Not reported

LUST:

Global Id: T0605100023

Contact Type: Regional Board Caseworker

Contact Name: BRIAN GREY

Organization Name: LAHONTAN RWQCB (REGION 6T)
Address: 2501 LAKE TAHOE BOULEVARD

N/A

Map ID MAP FINDINGS Direction

Distance Elevation

ation Site Database(s) EPA ID Number

#### **MAMMOTH MOBILE (Continued)**

S110654686

**EDR ID Number** 

City: SOUTH LAKE TAHOE
Email: bgrey@waterboards.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605100023

 Action Type:
 Other

 Date:
 05/24/1994

 Action:
 Leak Reported

 Global Id:
 T0605100023

 Action Type:
 REMEDIATION

 Date:
 07/03/2007

 Action:
 Not reported

 Global Id:
 T0605100023

 Action Type:
 ENFORCEMENT

 Date:
 09/22/2009

Action: Technical Correspondence / Assistance / Other

 Global Id:
 T0605100023

 Action Type:
 ENFORCEMENT

 Date:
 04/03/2002

 Action:
 Staff Letter

 Global Id:
 T0605100023

 Action Type:
 Other

 Date:
 09/02/1987

 Action:
 Leak Discovery

LUST:

Global Id: T0605100023

Status: Completed - Case Closed

Status Date: 10/01/2009

Global Id: T0605100023

Status: Open - Case Begin Date

Status Date: 09/02/1987

Global Id: T0605100023

Status: Open - Site Assessment

Status Date: 07/18/1994

Global Id: T0605100023

Status: Open - Verification Monitoring

Status Date: 09/29/2005

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

A6 **MAMMOTH MOBIL EDR Hist Auto** 1021482903

N/A

NNE **HWY 203 & CENTER ST** MAMMOTH LAKES, CA 93546 < 1/8

0.055 mi.

292 ft. Site 4 of 4 in cluster A

Relative: Lower

**EDR Hist Auto** 

Year: Name: Type:

Actual: MAMMOTH MOBIL 1983 Gasoline Service Stations 7854 ft. 1985 MAMMOTH MOBIL Gasoline Service Stations

В7 **NAPA OF MAMMOTH** LUST S102434125 **HIST CORTESE** N/A

ΝE **HWY 203** 

< 1/8 MAMMOTH LAKES, CA 93546

0.066 mi.

Site 1 of 6 in cluster B 349 ft.

Relative:

Lower

LUST Region 6V: Region:

6B2600630T Case Number: Actual: 5/3/1994 Leak Record: 7844 ft. Report Date:

12/23/1993 Reported By Address: Not reported

BC AND JOYCE E FEREBEE Responsible Party:

Operator: Not reported Cross Street: Not reported Local Agency: 26000 Regional Board: 6V Chemical: Gasoline Soil only Case Type: Funding: Not reported Enforce Type: Not reported How Found: Tank Closure How Stopped: Not reported Cause of Leak: UNK UNK Leak Source:

T0605100019 Global ID: Stop Date: 5/15/1992 Not reported Leak Confirm: Submit Workplan: Not reported Prelim Assess: Not reported Pollution Char: Not reported Remed Plan: Not reported Not reported Remed Action: Not reported Monitoring: 12/20/1993 Close Date: Discovered: 5/15/1992 Not reported Enforce Date: 5/3/1994 Review Date: GW Qualifier: Not reported Soil Qualifier: Not reported

MTBE class:

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported

MTBE Counts: 0 MTBE Fuel: NT MTBE Tested:

Organization Name: Not reported Status: Case Closed

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### NAPA OF MAMMOTH (Continued)

S102434125

Contact: Not reported Not reported Interim Action:

Pilot Program: LUST

Lat/Long: 37.7122963 / -118.8199661

Staff Initials: JWC Local Agency Staff: Not reported Local Agency Lead Agency: Not reported Summary: Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Priority: Not reported Not reported UST Cleanup Fund ID: Not reported Suspended: Local Case Number: Not reported Amount: Not reported Abate Method: Not reported CITY OF LIVE OAK Water System: Well Name: Not reported

Distance:

Wst Disch Reqrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

HIST CORTESE:

CORTESE Region: Facility County Code: 26 LTNKA Reg By: 6B2600630T Reg Id:

**B8 MINEART MAINTENANCE STATION** 

NE **HWY 203** 

< 1/8 MAMMOTH LAKES, CA 93546

0.066 mi.

349 ft. Site 2 of 6 in cluster B

LUST Region 6V: Relative:

Region: 6V Lower

6B2600273T Case Number: Actual: Leak Record: Not reported 7844 ft. 6/30/1988 Report Date: Reported By Address: Not reported

> Responsible Party: CA DEPT OF TRANSPORTION CA DEPT OF TRANSPORTATION Operator:

Cross Street: Not reported Local Agency: 26000 Regional Board: 6V Chemical: Diesel Case Type: Soil only Funding: Not reported

Enforce Type:

How Found: **Inventory Control** Not reported How Stopped: Cause of Leak: UNK UNK Leak Source:

Global ID: T0605100009 Stop Date: Not reported Leak Confirm: Not reported Submit Workplan: Not reported

LUST S102433407

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **MINEART MAINTENANCE STATION (Continued)**

S102433407

Prelim Assess: Not reported Pollution Char: Not reported Remed Plan: Not reported Remed Action: Not reported Monitoring: Not reported 6/22/1988 Close Date: Not reported Discovered: 1/1/1965 Enforce Date: Review Date: 2/3/1998 GW Qualifier: Not reported Soil Qualifier: Not reported

MTBE class:

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported MTBE Counts:

MTBE Fuel: 0 MTBE Tested: NRQ Organization Name: Not reported Status: Case Closed Contact: Not reported Interim Action: No

Pilot Program: LUST

37.7122963 / -118.8199661 Lat/Long:

Staff Initials: JWC Local Agency Staff: Not reported Lead Agency: Local Agency Summary: Not reported

Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Not reported Priority: UST Cleanup Fund ID: Not reported Suspended: Not reported Local Case Number: Not reported Amount: Not reported Not reported Abate Method: CITY OF LIVE OAK Water System: Not reported Well Name:

Distance:

Wst Disch Regrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

C9 **UNION OIL SS# 5749 ENE SW HWY 203 & LAUREL MTN** < 1/8 MAMMOTH LAKES, CA 93546

0.067 mi.

355 ft. Site 1 of 4 in cluster C

SWEEPS UST: Relative:

Status: Not reported Lower Comp Number: 1736

Actual: Number: Not reported 7840 ft. 44-000051 Board Of Equalization: Referral Date:

Not reported Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

26-000-001736-000001 SWRCB Tank Id:

Tank Status: Not reported SWEEPS UST \$106933403

N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

## UNION OIL SS# 5749 (Continued)

S106933403

**EDR ID Number** 

Capacity: 12000 Active Date: Not reported Tank Use: M.V. FUEL STG: **PRODUCT** Content: **REG UNLEADED** 

Number Of Tanks:

Status: Not reported Comp Number: 1736 Number: Not reported 44-000051 Board Of Equalization: Referral Date: Not reported Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank Id: 26-000-001736-000002

Not reported Tank Status: Capacity: 12000 Active Date: Not reported M.V. FUEL Tank Use: STG: **PRODUCT** Content: **REG UNLEADED** Number Of Tanks: Not reported

Status: Not reported Comp Number: 1736 Number: Not reported Board Of Equalization: 44-000051 Referral Date: Not reported Action Date: Not reported Not reported Created Date: Owner Tank Id: Not reported

SWRCB Tank Id: 26-000-001736-000003

Tank Status: Not reported

Capacity: 520

Active Date: Not reported Tank Use: OIL STG: WASTE Content: WASTE OIL Number Of Tanks: Not reported

**UNION OIL SS# 5749** 

Not reported

C10 **ENE** SW. HWY. 203 & LAUREL MOUNTAIN < 1/8 MAMMOTH LAKES, CA 93546

0.067 mi.

Lower

Actual:

7840 ft.

355 ft. Site 2 of 4 in cluster C

HIST UST: Relative: File Number:

> URL: Not reported Region: STATE Facility ID: 0000001736 Facility Type: Gas Station Other Type: Not reported

Contact Name: W. & L. MELTON CORP.

Telephone: 6199342697 Owner Name: UNION OIL CO.

Owner Address: 1 CALIFORNIA ST. SUITE 2700 HIST UST U001586945

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

UNION OIL SS# 5749 (Continued)

U001586945

**EDR ID Number** 

Owner City, St, Zip: SAN FRANCISCO, CA 94111

Total Tanks: 0004

Tank Num: 001 Container Num: 5749-1-1 Year Installed: 1967 Tank Capacity: 00010000 Tank Used for: **PRODUCT** Type of Fuel: UNLEADED Container Construction Thickness: Not reported Leak Detection: Stock Inventor, 10

Tank Num: 002 Container Num: 5749-2-1 Year Installed: 1967 Tank Capacity: 00010000 Tank Used for: **PRODUCT** Type of Fuel: **PREMIUM** Container Construction Thickness: Not reported Leak Detection: Stock Inventor, 10

Tank Num: 003 Container Num: 5749-4-1 Year Installed: Not reported Tank Capacity: 00000280 Tank Used for: WASTE Type of Fuel: WASTE OIL Container Construction Thickness: Not reported Leak Detection: Stock Inventor, 10

Tank Num: 004
Container Num: 5749-10-1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported

Container Construction Thickness: 6
Leak Detection: Visual

C11 UNION OIL SS 5749 HIST UST S118416512
ENE SW HWY 203 AND LAUREL MOUNTAIN N/A

< 1/8 MAMMOTH LAKES, CA 93546

0.067 mi.

355 ft. Site 3 of 4 in cluster C

Relative: HIST UST:
Lower File Number: 0002A69E

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A69E.pdf

Actual: Region: Not reported
7840 ft. Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported

Other Type: Not reported Contact Name: Not reported Telephone: Not reported Owner Name: Not reported Owner Address: Not reported Owner City,St,Zip: Not reported Total Tanks: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

UNION OIL SS 5749 (Continued)

S118416512

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

Click here for Geo Tracker PDF:

B12 **UNOCAL #5749** LUST S102440064 **HIST CORTESE** NE **3141 MAIN ST** N/A

< 1/8 MAMMOTH LAKES, CA 93546

0.069 mi.

Site 3 of 6 in cluster B 363 ft.

LUST: Relative:

LAHONTAN RWQCB (REGION 6V) Lower Lead Agency:

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100013 7841 ft.

Global Id: T0605100013 37.6468429 Latitude: -118.967938 Longitude:

Status: Completed - Case Closed

04/19/2002 Status Date: Case Worker: Not reported RB Case Number: 6B2600417T MONO COUNTY Local Agency: File Location: Not reported Local Case Number: Not reported

Potential Media Affect: Aguifer used for drinking water supply

Potential Contaminants of Concern: Gasoline Not reported Site History:

LUST:

Global Id: T0605100013

Contact Type: Local Agency Caseworker

LOUIS MOLINA Contact Name: Organization Name: MONO COUNTY Address: P.O. BOX 3329 City: MAMMOTH LAKES Email: Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

Global Id: T0605100013 Action Type: Other Date: 06/05/1992 Action: Leak Reported

Global Id: T0605100013 Action Type: **RESPONSE** Date: 12/05/2002 Action: Unknown

T0605100013 Global Id: Action Type: **ENFORCEMENT** 

Direction Distance Elevation

tion Site Database(s) EPA ID Number

UNOCAL #5749 (Continued) \$102440064

Date: 04/03/2002 Action: Staff Letter

LUST:

Global Id: T0605100013

Status: Completed - Case Closed

Status Date: 04/19/2002

Global Id: T0605100013

Status: Open - Case Begin Date

Status Date: 06/05/1992

Global Id: T0605100013

Status: Open - Site Assessment

Status Date: 07/24/1994

Global Id: T0605100013

Status: Open - Verification Monitoring

Status Date: 10/15/1996

LUST Region 6V:

Region: 6V

Case Number: 6B2600417T Leak Record: 8/4/1992 Report Date: 6/5/1992

Reported By Address: 621 W. Line Street

Responsible Party: Thomas and Judith Farnetti

Operator: Not reported Cross Street: LAUREL MT RD

Local Agency: 26000 Regional Board: 6V Chemical: Gasoline

Case Type: Drinking Water Aquifer affected

Funding: R Enforce Type: N

How Found: Not reported
How Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK

Global ID: T0605100013 Stop Date: Not reported Not reported Leak Confirm: Not reported Submit Workplan: Prelim Assess: Not reported Pollution Char: 7/24/1994 Remed Plan: Not reported Remed Action: Not reported Monitoring: 10/15/1996 4/19/2002 Close Date: Discovered: Not reported 1/1/1965 Enforce Date: Review Date: 4/19/2002 GW Qualifier: Not reported Soil Qualifier: Not reported

MTBE class: \*

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

UNOCAL #5749 (Continued)

S102440064

Max MTBE Grnd Wtr: Not reported Not reported Max MTBE Soil:

MTBE Counts: 0 MTBE Fuel: 1 MTBE Tested: NT

Organization Name: Not reported Case Closed Status: Contact: Not reported Interim Action: No

Pilot Program: LUST

Lat/Long: 37.7122963 / -118.8199661

Staff Initials:

Local Agency Staff: Not reported Lead Agency: Regional Board

RP RQSTD CLSR AS A LOW RISK GW SITE.RB INDICATED 1YR OF MONITORING Summary:

CASE CLSR APPEAL DATA < WQOS

TO SB DUE COST, LOW GW YLD & LOW RISKS SB REQST ADL WORK. 1/15/98

Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Priority: Not reported UST Cleanup Fund ID: Not reported Suspended: Not reported Local Case Number: Not reported Amount: Not reported

Abate Method: Excavate and Dispose - remove contaminated soil and dispose in

approved site CITY OF LIVE OAK

Water System: Well Name: Not reported

Distance:

Wst Disch Reqrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

HIST CORTESE:

**CORTESE** Region: Facility County Code: 26 Reg By: **LTNKA** Reg Id: 6B2600417T

B13 **CHEVRON STATION 91861** RCRA-SQG 1000904882 ΝE 3236 FORREST TRAIL **FINDS** CA0000148890 **ECHO** 

< 1/8 MAMMOTH LAKES, CA 93546

0.074 mi.

Actual:

389 ft. Site 4 of 6 in cluster B

RCRA-SQG: Relative:

Date form received by agency: 03/14/1994 Lower

Facility name: **CHEVRON STATION 91861** Facility address: 3236 FORREST TRAIL

7845 ft. MAMMOTH LAKES, CA 93546

EPA ID: CA0000148890 Mailing address: P O BOX 27

MAMMOTH LAKES, CA 93546

Contact: DAVID DAVIDSON

Contact address: P O BOX 27

MAMMOTH LAKES, CA 93546

Contact country: US

619-934-8111 Contact telephone:

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

#### **CHEVRON STATION 91861 (Continued)**

1000904882

**EDR ID Number** 

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHEVRON USA PRODUCTS CO

Owner/operator address: P O BOX 2833 LA HABRA, CA 90632

Owner/operator country: Not reported Owner/operator telephone: 310-694-7452 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002614840

Environmental Interest/Information System

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

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **CHEVRON STATION 91861 (Continued)**

1000904882

ECHO:

1000904882 Envid: Registry ID: 110002614840

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002614840

**B14 CHEVRON M.L. #9-1861** HIST CORTESE S103300647

N/A

ΝE 3236 FORREST TRAIL < 1/8 MAMMOTH LAKES, CA 93546

0.074 mi.

389 ft. Site 5 of 6 in cluster B

HIST CORTESE: Relative: CORTESE Region: Lower

Facility County Code: 26 Actual: **LTNKA** Reg By:

7845 ft. 6B2600628T Reg Id:

LUST S102427049 B15 **CHEVRON #8-1861** ΝE **PO BOX 27** N/A

< 1/8 MAMMOTH LAKES, CA 93546

0.074 mi.

389 ft. Site 6 of 6 in cluster B

LUST Region 6V: Relative: Region: Lower

6B2600404T Case Number:

Actual: 9/8/1995 Leak Record: 7845 ft. Report Date: 8/11/1995 Reported By Address: Not reported

> CHEVRON USA PRODUCTS COMPANY Responsible Party:

Operator: DAVID DAVIDSON

6V

Cross Street: **HWY 203** 26000 Local Agency: Regional Board: 6V Chemical: Gasoline Case Type: Undefined Funding: Not reported Enforce Type: SEL

How Found: OM How Stopped: Not reported

Cause of Leak: UNK Leak Source: UNK

T0605100012 Global ID: Stop Date: Not reported Leak Confirm: Not reported Submit Workplan: Not reported Prelim Assess: 1/1/1984 Pollution Char: Not reported Remed Plan: Not reported Not reported Remed Action: Not reported Monitoring: 11/14/2003 Close Date: Discovered: 8/11/1995 Enforce Date: Not reported 12/23/2001 Review Date: **GW Qualifier:** Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

CHEVRON #8-1861 (Continued)

S102427049

Soil Qualifier: Not reported MTBE class:

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported

MTBE Counts: MTBE Fuel: NT MTBE Tested:

Organization Name: Not reported Status: Case Closed Contact: Not reported Interim Action: Not reported Pilot Program: LUST

37.7122963 / -118.8199661 Lat/Long:

Staff Initials:

Local Agency Staff: Not reported Lead Agency: Local Agency

NOT NECESSARILY A TANK SPILL OR LEAKAGE. CHANGE OF PROPERTY SITE Summary:

ASSESSMENT 8/11/95

Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Priority: Not reported UST Cleanup Fund ID: Not reported Suspended: Not reported Local Case Number: Not reported Not reported Amount: Abate Method: Not reported CITY OF LIVE OAK Water System: Well Name: Not reported

Distance:

Wst Disch Reqrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

D16 **EXXON MINI-MART (FORMER)** LUST S102429506

NNE **3280 MAIN ST SWEEPS UST** N/A < 1/8 MAMMOTH LAKES, CA 93546 **HIST CORTESE** 

0.084 mi.

Site 1 of 4 in cluster D 443 ft.

LUST: Relative:

Lead Agency: MONO COUNTY Lower Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100011 7863 ft.

T0605100011 Global Id: Latitude: 37.648227 -118.970291 Longitude:

Status: Completed - Case Closed

12/22/1998 Status Date: Case Worker: LM RB Case Number: 6B2600377T Local Agency: MONO COUNTY File Location: Not reported Local Case Number: Not reported Potential Media Affect: Soil

Potential Contaminants of Concern: Diesel Site History: Not reported

LUST:

T0605100011 Global Id:

Direction Distance Elevation

vation Site Database(s) EPA ID Number

### **EXXON MINI-MART (FORMER) (Continued)**

Contact Type:

Local Agency Caseworker

Contact Name:

Organization Name:

Address:

City:

MAMMOTH LAKES

Email:

LOUIS MOLINA

MONO COUNTY

P.O. BOX 3329

MAMMOTH LAKES

Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605100011

 Action Type:
 Other

 Date:
 01/13/1992

 Action:
 Leak Reported

 Global Id:
 T0605100011

 Action Type:
 Other

 Date:
 06/16/1989

 Action:
 Leak Discovery

LUST:

Global Id: T0605100011

Status: Completed - Case Closed

Status Date: 12/22/1998

Global Id: T0605100011

Status: Open - Case Begin Date

Status Date: 06/16/1989

LUST Region 6V:

Region: 6V

 Case Number:
 6B2600377T

 Leak Record:
 4/2/1992

 Report Date:
 1/13/1992

 Reported By Address:
 Not reported

Responsible Party: JOYCE E. FEREBEE Operator: JOYCE E FEREBEE

Cross Street: CENTRAL
Local Agency: 26000
Regional Board: 6V
Chemical: Diesel
Case Type: Soil only
Funding: Not reported

Enforce Type: N How Found: OM

How Stopped: Not reported Cause of Leak: UNK Leak Source: UNK

T0605100011 Global ID: Stop Date: Not reported Leak Confirm: Not reported Not reported Submit Workplan: Not reported Prelim Assess: Pollution Char: Not reported Remed Plan: Not reported Not reported Remed Action:

**EDR ID Number** 

S102429506

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

### **EXXON MINI-MART (FORMER) (Continued)**

S102429506

**EDR ID Number** 

Monitoring: Not reported Close Date: 12/22/1998 Discovered: 6/16/1989 Enforce Date: 1/1/1965 Review Date: 4/2/1992 GW Qualifier: Not reported Soil Qualifier: Not reported

MTBE class:

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported

MTBE Counts: 0 MTBE Fuel: 0 NRQ MTBE Tested: Organization Name: Not reported Status: Case Closed Contact: Not reported Interim Action: Yes

Pilot Program: LUST

Lat/Long: 37.7122963 / -118.8199661

JWC Staff Initials:

Local Agency Staff: Not reported Lead Agency: Local Agency Summary: Not reported

LONG VALLEY (6-11) Basin Number:

Beneficial: Not reported Priority: Not reported UST Cleanup Fund ID: Not reported Suspended: Not reported Local Case Number: Not reported Not reported Amount:

Excavate and Treat - remove contaminated soil and treat (includes Abate Method:

spreading or land farming)

Water System: CITY OF LIVE OAK Well Name: Not reported

Distance:

Wst Disch Regrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

### SWEEPS UST:

Active Status: Comp Number: 5423 Number:

Board Of Equalization: Not reported Referral Date: 12-13-93 Action Date: 02-23-94 Created Date: 09-24-91

Owner Tank Id:

26-000-005423-000001 SWRCB Tank Id:

Tank Status: Capacity: 500 Active Date: 12-13-93 Tank Use: OIL STG: W WASTE OIL Content:

Number Of Tanks:

Status: Not reported

Direction Distance Elevation

levation Site Database(s) EPA ID Number

### **EXXON MINI-MART (FORMER) (Continued)**

S102429506

**EDR ID Number** 

Comp Number: 5423

Number: Not reported

Board Of Equalization: Not reported

Referral Date: Not reported

Action Date: Not reported

Created Date: Not reported

Owner Tank Id: Not reported

SWRCB Tank Id: 26-000-005423-000002

Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED

Number Of Tanks: 3

Status: Not reported Comp Number: 5423

Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

SWRCB Tank ld: 26-000-005423-000003

Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 5423
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

Owner Tank Id: Not reported SWRCB Tank Id: 26-000-005423-000004

Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

# HIST CORTESE:

Region: CORTESE
Facility County Code: 26
Reg By: LTNKA
Reg Id: 6B2600377T

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

E17 **MAMMOTH HOT SPRINGS FISH HATCH** LUST S104402962

HIST CORTESE North **BOX 208** N/A < 1/8 MAMMOTH LAKES, CA 93546

0.088 mi.

465 ft. Site 1 of 3 in cluster E

LUST Region 6V: Relative:

Higher Region: 6V

Case Number: 6B2600329T Actual: Leak Record: 1/11/1992 7874 ft. Report Date: 9/17/1991 Reported By Address: Not reported

> DEPT OF FISH AND GAME Responsible Party:

STATE OF CA Operator: Cross Street: Not reported Local Agency: 26000 Regional Board: 6V Chemical: Gasoline

Case Type: Drinking Water Aquifer affected

Funding: Enforce Type: 222

Tank Closure How Found: How Stopped: Not reported Cause of Leak: UNK Leak Source: UNK

Global ID: T0605100010 Not reported Stop Date: Leak Confirm: Not reported Submit Workplan: Not reported Prelim Assess: Not reported 9/17/1991 Pollution Char: Remed Plan: 9/23/1996 Remed Action: 4/15/1997 Monitoring: Not reported Close Date: 2/3/1999 Discovered: Not reported 1/1/1965 Enforce Date: Review Date: 2/17/1998 GW Qualifier: Not reported

MTBE class:

Soil Qualifier:

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported

MTBE Counts: 0 MTBE Fuel: 1 MTBE Tested: NT

Not reported Organization Name: Case Closed Status: Contact: Not reported Interim Action: Yes Pilot Program: LUST

37.7122963 / -118.8199661 Lat/Long:

Staff Initials: JWC Local Agency Staff: Not reported Regional Board Lead Agency:

89 UST RMVD. GW CONT>MCLS. ADDL SITE INV CON Summary: **DUCTED & 7** 

GW WELLS INSTLD IN 95.ACCIDENTLY DESTROYED MOST MONIT WELLS. 97 SOIL EXCAVATION TO WT, SOME REMAINS, RB REQ MONIT. CAO 6-94-35 & 6-94-35A1

RECINDED

Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## MAMMOTH HOT SPRINGS FISH HATCH (Continued)

S104402962

S106932186

N/A

**SWEEPS UST** 

**HIST UST** 

Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Priority: Not reported UST Cleanup Fund ID: Not reported Suspended: Not reported Not reported Local Case Number: Not reported Amount:

Abate Method: Excavate and Treat - remove contaminated soil and treat (includes

spreading or land farming)

Water System: CITY OF LIVE OAK

Well Name: Not reported

Distance:

Wst Disch Regrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

HIST CORTESE:

CORTESE Region: Facility County Code: 26 Reg By: **LTNKA** 6B2600329T Reg Id:

E18 SIERRA CONCRETE PUMPING

**BOX 8735** North

< 1/8 MAMMOTH LAKES, CA 93546

0.088 mi.

465 ft. Site 2 of 3 in cluster E

Relative:

7874 ft.

SWEEPS UST: Status:

Higher Actual:

Comp Number: 65023 Number: Not reported 44-014686 Board Of Equalization: Not reported Referral Date: Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

26-000-065023-000001 SWRCB Tank Id:

Not reported

Tank Status: Not reported

Capacity: 550

Active Date: Not reported Tank Use: M.V. FUEL **PRODUCT** STG: **LEADED** Content:

Number Of Tanks: 2

Status: Not reported Comp Number: 65023 Number: Not reported 44-014686 Board Of Equalization: Referral Date: Not reported Not reported Action Date: Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank Id: 26-000-065023-000002

Tank Status: Not reported

Capacity:

Active Date: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### SIERRA CONCRETE PUMPING (Continued)

S106932186

Tank Use: M.V. FUEL **PRODUCT** STG: Content: **DIESEL** Number Of Tanks: Not reported

HIST UST:

File Number: 0002A677

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A677.pdf

Region: Not reported Facility ID: Not reported Facility Type: Not reported Not reported Other Type: Contact Name: Not reported Telephone: Not reported Owner Name: Not reported Owner Address: Not reported Owner City, St, Zip: Not reported Total Tanks: Not reported

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

Click here for Geo Tracker PDF:

D19 **MAMMOTH CHEVRON INC** 1020651087 **EDR Hist Auto** 

NNE **3236 MAIN ST** 

MAMMOTH LAKES, CA 93546 < 1/8

**EDR Hist Auto** 

2014

0.089 mi.

471 ft. Site 2 of 4 in cluster D

Relative: Lower

Name: Type: Year:

Actual: 2002 MAMMOTH CHEVRON SERVICE Gasoline Service Stations 7857 ft. 2003 MAMMOTH CHEVRON SERVICE **Gasoline Service Stations** 2004 MAMMOTH CHEVRON SERVICE Gasoline Service Stations Gasoline Service Stations 2005 MAMMOTH CHEVRON SERVICE

MAMMOTH CHEVRON INC

MAMMOTH CHEVRON INC Gasoline Service Stations 2006 2007 MAMMOTH CHEVRON INC Gasoline Service Stations 2008 MAMMOTH CHEVRON INC Gasoline Service Stations Gasoline Service Stations 2009 MAMMOTH CHEVRON INC 2010 MAMMOTH CHEVRON INC Gasoline Service Stations MAMMOTH CHEVRON INC 2011 **Gasoline Service Stations** 2012 MAMMOTH CHEVRON INC Gasoline Service Stations 2013 MAMMOTH CHEVRON INC **Gasoline Service Stations** 

Gasoline Service Stations

N/A

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

D20 MAMMOTH CHEVRON MINI MART LUST S106352946

NNE 3236 MAIN ST CUPA Listings N/A

< 1/8 0.089 mi.

471 ft. Site 3 of 4 in cluster D

MAMMOTH LAKES, CA 93546

Relative: LUST:

Lower Lead Agency: LAHONTAN RWQCB (REGION 6T)

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100018

 Global Id:
 T0605100018

 Latitude:
 37.6481435569338

 Longitude:
 -118.969650596924

 Status:
 Completed - Case Closed

Status Date: 01/07/2014
Case Worker: BDG
RB Case Number: 6B2600628T
Local Agency: MONO COUNTY
File Location: Not reported
Local Case Number: Not reported

Potential Media Affect: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Gasoline Site History: Not reported

LUST:

Global Id: T0605100018

Contact Type: Regional Board Caseworker

Contact Name: BRIAN GREY

Organization Name: LAHONTAN RWQCB (REGION 6T)
Address: 2501 LAKE TAHOE BOULEVARD

City: SOUTH LAKE TAHOE
Email: bgrey@waterboards.ca.gov

Phone Number: Not reported

Global Id: T0605100018

Contact Type: Local Agency Caseworker

Contact Name:
Organization Name:
Address:
City:
MAMMOTH LAKES
Email:
LOUIS MOLINA
MONO COUNTY
P.O. BOX 3329
MAMMOTH LAKES
Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605100018

 Action Type:
 REMEDIATION

 Date:
 10/13/2003

Action: Free Product Removal

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/15/2010

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 Other

 Date:
 03/28/1994

 Action:
 Leak Reported

Direction
Distance

Elevation Site Database(s) EPA ID Number

# MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 05/15/2009

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 01/15/2010

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/15/2009

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 10/15/2009

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 11/15/2008

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 11/15/2008

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 04/30/2013

 Action:
 Staff Letter

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 01/29/2007

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 06/16/2006

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 07/15/2010

Action: Monitoring Report - Semi-Annually

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/15/2012

Action: Remedial Progress Report

Global Id: T0605100018 Action Type: Other

Direction Distance

Elevation Site Database(s) EPA ID Number

## MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

Date: 03/24/1994 Action: Leak Discovery

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/15/2012

Action: Monitoring Report - Semi-Annually

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 01/13/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 10/27/2004

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 10/26/2006

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 08/18/2006

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 08/18/2006

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 11/14/2006

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 02/26/2007

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 04/30/2007

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 11/20/2006

 Action:
 Other Workplan

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 05/11/2007

Action: Remedial Progress Report

Direction Distance

Elevation Site Database(s) EPA ID Number

### MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 10/29/2007

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 09/11/2007

Action: Well Installation Report

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 01/07/2014

Action: Closure/No Further Action Letter

Global Id: T0605100018
Action Type: RESPONSE
Date: 01/15/2010

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 10/15/2010

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 01/26/2009

 Action:
 Staff Letter

Global Id: T0605100018
Action Type: RESPONSE
Date: 10/26/2004

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/19/2007

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/09/2007

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 05/15/2009

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 12/05/2002

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE

Direction Distance

Elevation Site Database(s) EPA ID Number

# MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

Date: 01/31/2008

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 04/15/2010

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 02/15/2009

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 07/15/2008

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 06/13/2011

 Action:
 Staff Letter

Global Id: T0605100018
Action Type: RESPONSE
Date: 03/06/2003

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 04/28/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 01/15/2011

Action: Monitoring Report - Semi-Annually

Global Id: T0605100018
Action Type: RESPONSE
Date: 02/23/2012

Action: CAP/RAP - Feasibility Study Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 01/15/2012

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 01/15/2011

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 04/15/2011

Action: Remedial Progress Report

Direction Distance

Elevation Site Database(s) EPA ID Number

### MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 05/27/2011

Action: Soil and Water Investigation Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 08/20/2008

Action: Well Installation Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 03/24/2003

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 02/07/2006

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 11/23/2005

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 01/11/2008

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 09/11/2008

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 03/26/2003

Action: Other Report / Document

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/30/2003

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 03/07/2005

Action: Other Report / Document

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/28/2005

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE

Direction Distance Elevation

evation Site Database(s) EPA ID Number

### MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

Date: 07/15/2011

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 06/02/2011

Action: Corrective Action Plan / Remedial Action Plan

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/15/2011

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 11/12/2013

Action: Well Destruction Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 02/15/2009

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 07/15/2009

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 03/24/2003

Action: Other Report / Document

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 02/27/2013

Action: Notification - Preclosure

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 10/20/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 08/29/2005

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 04/27/2006

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 04/03/2002

 Action:
 Staff Letter

Direction Distance

Elevation Site Database(s) EPA ID Number

### MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 01/04/2013

Action: Request for Closure - Regulator Responded

Global Id: T0605100018
Action Type: RESPONSE
Date: 04/25/2008

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 08/19/2011

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 08/19/2011

Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0605100018
Action Type: RESPONSE
Date: 10/15/2011

Action: Remedial Progress Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 12/15/2011

Action: Monitoring Report - Semi-Annually

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 08/26/2008

 Action:
 Staff Letter

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 07/20/2009

 Action:
 Letter - Notice

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 02/13/2004

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 07/30/2004

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 05/19/2004

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE

Direction Distance Elevation

evation Site Database(s) EPA ID Number

### MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

Date: 01/15/2012

Action: CAP/RAP - Feasibility Study Report

Global Id: T0605100018
Action Type: RESPONSE
Date: 04/15/2012

Action: Remedial Progress Report

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 11/03/2003

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 04/23/2004

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 RESPONSE

 Date:
 03/07/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0605100018

 Action Type:
 ENFORCEMENT

 Date:
 02/14/2012

Action: Verbal Enforcement

Global Id: T0605100018
Action Type: RESPONSE
Date: 07/28/2006

Action: Monitoring Report - Quarterly

Global Id: T0605100018
Action Type: RESPONSE
Date: 01/23/2006

Action: Monitoring Report - Quarterly

LUST:

Global Id: T0605100018

Status: Completed - Case Closed

Status Date: 01/07/2014

Global Id: T0605100018

Status: Open - Case Begin Date

Status Date: 03/08/1994

Global Id: T0605100018

Status: Open - Eligible for Closure

Status Date: 03/25/2013

Global Id: T0605100018
Status: Open - Remediation

Status Date: 09/13/2000

Global Id: T0605100018
Status: Open - Remediation

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

### MAMMOTH CHEVRON MINI MART (Continued)

Status Date: 08/31/2005

T0605100018 Global Id: Status: Open - Remediation 11/25/2005

Status Date:

Global Id: T0605100018 Status: Open - Remediation

Status Date: 02/10/2006

T0605100018 Global Id: Open - Remediation Status:

08/21/2006 Status Date:

T0605100018 Global Id: Status: Open - Remediation

03/08/2007 Status Date:

Global Id: T0605100018 Open - Remediation Status:

Status Date: 05/14/2007

Global Id: T0605100018 Status: Open - Remediation

07/23/2007 Status Date:

T0605100018 Global Id: Status: Open - Remediation

11/10/2010 Status Date:

Global Id: T0605100018

Status: Open - Site Assessment

Status Date: 03/24/1994

T0605100018 Global Id:

Open - Site Assessment Status:

Status Date: 12/08/1997

Global Id: T0605100018

Status: Open - Site Assessment

05/15/1999 Status Date:

Global Id: T0605100018

Open - Verification Monitoring Status:

07/30/2003 Status Date:

LUST Region 6V:

6V Region:

6B2600628T Case Number: Leak Record: 5/3/1994 Report Date: 3/28/1994

Reported By Address: 145 S. State College Blvd., Roon #4084

Responsible Party: Eric Roehl

Operator: DAVID A DAVIDSON

Cross Street: **HWY 206** 26000 Local Agency:

**EDR ID Number** 

S106352946

Direction Distance

Elevation Site Database(s) EPA ID Number

### MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

Regional Board: 6V

Chemical: Unleaded Gasoline

Case Type: Other ground water affected

Funding: Not reported

Enforce Type: SEL

How Found: Not reported How Stopped: Not reported Cause of Leak: Not reported Leak Source: UNK

Global ID: T0605100018 Not reported Stop Date: 3/24/1994 Leak Confirm: 12/8/1997 Submit Workplan: Prelim Assess: Not reported Pollution Char: 5/15/1999 Remed Plan: Not reported Remed Action: Not reported Monitoring: 7/30/2003 Close Date: Not reported 3/24/1994 Discovered: Enforce Date: Not reported Review Date: 12/3/2001

GW Qualifier: = Soil Qualifier: = MTBE class: A Max MTBE Grnd Wtr: 40400 Max MTBE Soil: 2650 MTBE Counts: 1 MTBE Fuel: 1 MTBE Tested: YES

Organization Name: Not reported

Status: Post remedial action monitoring

Contact: Not reported Interim Action: Yes Pilot Program: LUST

Lat/Long: 37.7122963 / -118.8199661

Staff Initials: DF

Local Agency Staff: Not reported Lead Agency: Regional Board

Summary: MONO CO RFRD SITE TO RB 9/17/97. RP SUBMITTED RPTS & WP. GW FLOW

DIRECTION WAS CONFUSED BASED ON SITE ASSESSMENT REPORT AND QUARTERLY

MONITORING REPORT, NEED TO DEFINE IT.

Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Priority: Not reported UST Cleanup Fund ID: Not reported Suspended: Not reported Local Case Number: Not reported Amount: Not reported Abate Method: Not reported CITY OF LIVE OAK Water System: Well Name: Not reported

Distance: 0

Wst Disch Regrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

Direction Distance

Elevation Site Database(s) EPA ID Number

# MAMMOTH CHEVRON MINI MART (Continued)

S106352946

**EDR ID Number** 

CUPA MONO:

Program: 2118 - BUSINESS PLAN (large->25,000 gallons)

Facility Number: FA0000119
Facility Status: 01 - Active, billable
Contact Phone: (760) 934-8111
Contact Address: PO BOX 27
Contact City: MAMMOTH LAKES

Contact State: CA
Contact Zip: 93546
EDR Link ID: FA0000119

Program: 2314 - HAZMAT(Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000119
Facility Status: 01 - Active, billable
Contact Phone: (760) 934-8111
Contact Address: PO BOX 27
Contact City: MAMMOTH LAKES

Contact State: CA
Contact Zip: 93546
EDR Link ID: FA0000119

Program: 2371 - FACILITY with UST/ANNUAL OPERATING PERMIT

Facility Number: FA0000119
Facility Status: 01 - Active, billable
Contact Phone: (760) 934-8111
Contact Address: PO BOX 27
Contact City: MAMMOTH LAKES

Contact State: CA
Contact Zip: 93546
EDR Link ID: FA0000119

Program: 2380 - WASTE GENERATORS (small<100kg or 30 gal/mo)

Facility Number: FA0000119
Facility Status: 01 - Active, billable
Contact Phone: (760) 934-8111
Contact Address: PO BOX 27
Contact City: MAMMOTH LAKES

Contact State: CA
Contact Zip: 93546
EDR Link ID: FA0000119

Program: 2311 - UNDERGROUND STORAGE TANK FACILITY, GAS STN.

Facility Number: FA0000119

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-8111 Contact Address: PO BOX 27 Contact City: MAMMOTH LAKES

Contact State: CA
Contact Zip: 93546
EDR Link ID: FA0000119

Program: 2313 - ELECTRONIC REPORTING (Annual State Surcharge)

Facility Number: FA0000119

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-8111
Contact Address: PO BOX 27
Contact City: MAMMOTH LAKES

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### MAMMOTH CHEVRON MINI MART (Continued)

S106352946

Contact State: CA 93546 Contact Zip: EDR Link ID: FA0000119

Program: 2373 - TIERED PERMIT PBR-PER BY RULE-HOUSE HAZ WASTE

Facility Number: FA0000119

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-8111 Contact Address: PO BOX 27 Contact City: MAMMOTH LAKES

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000119

Program: 2378 - UST (Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000119

Facility Status: 02 - Inactive, non-billable

(760) 934-8111 Contact Phone: Contact Address: PO BOX 27 MAMMOTH LAKES Contact City:

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000119

Program: 2381 - WASTE GENERATORS(med100-1000kg or 300 gal/mo)

Facility Number: FA0000119

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-8111 Contact Address: PO BOX 27 Contact City: MAMMOTH LAKES

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000119

D21 **MAMMOTH CHEVRON MINI MART** 

NNE **3236 MAIN STREET** 

< 1/8 MAMMOTH LAKES, CA 93546

0.089 mi.

471 ft. Site 4 of 4 in cluster D

UST: Relative:

Facility ID: 26-000-000119 Lower

Permitting Agency: MONO COUNTY Actual: Latitude: 37.649572 7857 ft. Longitude: -118.96836

S101299017 C22 **MAMMOTH SHELL STATION** LUST **ENE HWY 203 & MAMMOTH RD HIST CORTESE** N/A

< 1/8 MAMMOTH LAKES, CA 93546

0.108 mi.

571 ft. Site 4 of 4 in cluster C LUST Region 6V: Relative:

Region: 6V Lower

Case Number: 6B2600247T Actual: Leak Record: 1/8/1991

7835 ft.

U004156954

N/A

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

# MAMMOTH SHELL STATION (Continued)

S101299017

**EDR ID Number** 

Report Date: 11/1/1990
Reported By Address: Not reported
Responsible Party: KEN SAMPLE
Operator: KEN SAMPLE
Cross Street: OLD MAMMOTH RD

Local Agency: 26000
Regional Board: 6V
Chemical: Gasoline
Case Type: Soil only
Funding: Not reported
Enforce Type: SEL

How Found: Tank Closure How Stopped: Not reported

Cause of Leak: UNK Leak Source: UNK

Global ID: T0605100008 Stop Date: Not reported Leak Confirm: Not reported Submit Workplan: Not reported Prelim Assess: Not reported Pollution Char: 11/1/1990 Remed Plan: Not reported Remed Action: Not reported Monitoring: Not reported 10/1/2003 Close Date: Discovered: 10/1/1990 Enforce Date: Not reported Review Date: 1/8/1991 GW Qualifier: Not reported Soil Qualifier: Not reported

MTBE class: \*

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported

MTBE Counts: 0
MTBE Fuel: 1
MTBE Tested: NT

Organization Name: Not reported Status: Case Closed Contact: Not reported Not reported

Interim Action: No Pilot Program: LUST

Lat/Long: 37.6468949 / -118.9656406

Staff Initials: DF

Local Agency Staff: Not reported
Lead Agency: Local Agency
Summary: Not reported

Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Priority: Not reported UST Cleanup Fund ID: Not reported Not reported Suspended: Local Case Number: Not reported Not reported Amount: Abate Method: Not reported Water System: Not reported Well Name: Not reported Distance: 5070.577628

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### **MAMMOTH SHELL STATION (Continued)**

S101299017

Wst Disch Regrmnt Global ID: Not reported Wst Disch Reqrmnt Name: Not reported

HIST CORTESE:

Region: CORTESE Facility County Code: 26 **LTNKA** Reg By: 6B2600247T Reg Id:

S109446244 E23 **HOT CREEK HATCHERY NPDES** Cortese N/A

CORTESE

NNW **85 OLD SCHOOL ROAD** < 1/8 MAMMOTH LAKES, CA 93546

0.121 mi.

637 ft. Site 3 of 3 in cluster E

CORTESE: Relative: Region: Higher

Actual: 7880 ft. Envirostor Id: Not reported Site/Facility Type: Not reported Cleanup Status: Not reported Status Date: Not reported Site Code: Not reported Not reported Latitude: Longitude: Not reported Owner: Not reported Enf Type: Not reported Swat R: Not reported Flag: CORTESE Order No: R6V-1999-0055 Waste Discharge System No: Not reported Effective Date: 11/17/1999 Region 2: 6B

WID Id: 6B260801001 Not reported Solid Waste Id No: Waste Management Uit Name: Not reported

**CORTESE** Region: Envirostor Id: Not reported Site/Facility Type: Not reported Cleanup Status: Not reported Status Date: Not reported Not reported Site Code: Not reported Latitude: Longitude: Not reported Owner: Not reported Enf Type: Not reported Swat R: Not reported CORTESE Flag: R6V-1999-0055 Order No: Not reported

Waste Discharge System No: 11/17/1999 Effective Date: Region 2: 6B

6B260801001 WID Id: Solid Waste Id No: Not reported Waste Management Uit Name: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

F24 RITE AID # 5842 CUPA Listings S109449538
East 26 OLD MAMMOTH RD N/A

East 26 OLD MAMMOTH RD < 1/8 MAMMOTH LAKES, CA 93546

0.122 mi.

643 ft. Site 1 of 4 in cluster F

Relative: CUPA MONO:

Lower Program: 2314 - HAZMAT(Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000208

 Actual:
 Facility Status:
 01 - Active, billable

 7838 ft.
 Contact Phone:
 (760) 934-8561

Contact Address: P.O. BOX 3165 Contact City: HARRISBURG

Contact State: PA
Contact Zip: 17105
EDR Link ID: FA0000208

Program: 2380 - WASTE GENERATORS (small<100kg or 30 gal/mo)

Facility Number: FA0000208
Facility Status: 01 - Active, billable
Contact Phone: (760) 934-8561
Contact Address: P.O. BOX 3165
Contact City: HARRISBURG

Contact State: PA
Contact Zip: 17105
EDR Link ID: FA0000208

F25 RITE AID NO 5842 RCRA-CESQG 1016955165
East 26 OLD MAMMOTH RD CAR000249003

East 26 OLD MAMMOTH RD < 1/8 MAMMOTH LAKES, CA 93546

0.122 mi.

643 ft. Site 2 of 4 in cluster F

Relative: RCRA-CESQG:

**Lower** Date form received by agency: 04/14/2017

Facility name: RITE AID NO 5842

Actual: Facility address: 26 OLD MAMMOTH RD MAMMOTH LAKES, CA 935460128

EPA ID: CAR000249003

Mailing address: LUNTED IN

Mailing address: HUNTER LN CAMP HILL, PA 17011

Contact: DAVID W CROZIER

Contact address: HUNTER LN

CAMP HILL, PA 17011

Contact country: US

Contact telephone: (717) 975-8643 Contact email: EHS@RITEAID.COM

EPA Region: 09

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of

TC5106528.2s Page 52

**EDR ID Number** 

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

#### RITE AID NO 5842 (Continued)

1016955165

**EDR ID Number** 

any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: ZENTMYER PROPERTIES II LLC

Owner/operator address: 1434 FOOTHILL BLVD LA CANADA, CA 91011

Owner/operator country: US

818-952-3038 Owner/operator telephone: Owner/operator email: Not reported Not reported Owner/operator fax: Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 10/01/1998 Owner/Op end date: Not reported

Owner/operator name: THRIFTY PAYLESS INC

Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/23/1999 Owner/Op end date: Not reported

Owner/operator name: THRIFTY PAYLESS INC

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/23/1999 Owner/Op end date: Not reported

Owner/operator name: ZENTMYER PROPERTIES II INC

Owner/operator address: FOOTHILL BLVD

LA CANADA, CA 91011

Not reported

Owner/operator country: US

Owner/Op end date:

Owner/operator telephone: (818) 952-3038
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/1998

TC5106528.2s Page 53

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

RITE AID NO 5842 (Continued)

1016955165

**EDR ID Number** 

Handler Activities Summary:

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

Waste code: 122

. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 131

. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide,

bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite,

perchlorate, and sulfide anions)

. Waste code: 141

Waste name: Off-specification, aged, or surplus inorganics

Waste code: 214

. Waste name: Unspecified solvent mixture

. Waste code: 223

. Waste name: Unspecified oil-containing waste

Waste code: 261

. Waste name: Polychlorinated biphenyls and material containing PCB's

Waste code: 291

. Waste name: Latex waste

Waste code: 311

. Waste name: Pharmaceutical waste

. Waste code: 331

Waste name: Off-specification, aged, or surplus organics

Waste code: 343

. Waste name: Unspecified organic liquid mixture

Waste code: 352

Waste name: Other organic solids

Waste code: 541

Waste name: Photochemicals / photo processing waste

Waste code: 561

. Waste name: Detergent and soap

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

RITE AID NO 5842 (Continued)

1016955165

. Waste code: 791

. Waste name: Liquids with pH < 2

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010 . Waste name: SELENIUM

Waste code: D011
Waste name: SILVER

. Waste code: D024 . Waste name: M-CRESOL

. Waste code: D026 . Waste name: CRESOL

Waste code: P001

. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075

Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

SALTS

Waste code: U165

. Waste name: NAPHTHALENE

Waste code: U188
Waste name: PHENOL

Waste code: U279

Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Historical Generators:

Date form received by agency: 08/05/2014
Site name: RITE AID NO 5842
Classification: Large Quantity Generator

Waste code: 131

Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide,

bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite,

perchlorate, and sulfide anions)

. Waste code: 141

. Waste name: Off-specification, aged, or surplus inorganics

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

RITE AID NO 5842 (Continued)

1016955165

Waste code: 214

Waste name: Unspecified solvent mixture

Waste code: 232

Waste name: Pesticides and other waste associated with pesticide production

Waste code: 311

Waste name: Pharmaceutical waste

Waste code: 791

Liquids with pH < 2 Waste name:

Waste code: D001

Waste name: **IGNITABLE WASTE** 

Waste code: D002

**CORROSIVE WASTE** Waste name:

Waste code: D007 CHROMIUM Waste name:

Waste code: D009 Waste name: **MERCURY** 

Waste code: D010 **SELENIUM** Waste name:

Waste code: D011 Waste name: SILVER

D024 Waste code: Waste name: M-CRESOL

Waste code: D026 **CRESOL** Waste name:

Waste code: P001

Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code:

Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

SALTS

Violation Status: No violations found

26 **MAMMOTH SHELL STATION** LUST S110654674 **ENE HWY 203 & MAMMOTH RD** N/A

1/8-1/4 0.147 mi. 774 ft.

LUST: Relative:

MONO COUNTY Lead Agency: Lower Case Type: **LUST Cleanup Site** 

MAMMOTH LAKES, CA 93546

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100008 7829 ft.

T0605100008 Global Id: Latitude: 37.6468949

Direction Distance

Elevation Site Database(s) EPA ID Number

### MAMMOTH SHELL STATION (Continued)

S110654674

**EDR ID Number** 

Longitude: -118.9656406

Status: Completed - Case Closed

Status Date: 10/01/2003
Case Worker: LM
RB Case Number: 6B2600247T
Local Agency: MONO COUNTY
File Location: Not reported
Local Case Number: Not reported

Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0605100008

Contact Type: Local Agency Caseworker

Contact Name:

Organization Name:

Address:

City:

Email:

LOUIS MOLINA

MONO COUNTY

P.O. BOX 3329

MAMMOTH LAKES

Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605100008

 Action Type:
 Other

 Date:
 10/01/1990

 Action:
 Leak Discovery

 Global Id:
 T0605100008

 Action Type:
 Other

 Date:
 11/01/1990

 Action:
 Leak Reported

 Global Id:
 T0605100008

 Action Type:
 ENFORCEMENT

 Date:
 04/03/2002

 Action:
 Staff Letter

LUST:

Global Id: T0605100008

Status: Completed - Case Closed

Status Date: 10/01/2003

Global Id: T0605100008

Status: Open - Case Begin Date

Status Date: 10/01/1990

Global Id: T0605100008

Status: Open - Site Assessment

Status Date: 11/01/1990

Direction Distance

Elevation Site Database(s) EPA ID Number

G27 VERIZON CALIFORNIA INC RCRA-SQG 1016674920
NNE 39 PINECREST FINDS CAR000245373

MAMMOTH LAKES, CA 92546 ECHO

1/8-1/4 0.152 mi.

805 ft. Site 1 of 4 in cluster G

Relative: RCRA-SQG:

**Lower** Date form received by agency: 04/22/2014

Facility name: VERIZON CALIFORNIA INC

Actual: Facility address: 39 PINECREST 7869 ft.

MAMMOTH LAKES, CA 92546 EPA ID: CAR000245373

Mailing address: PO BOX 725 CHINO, CA 91766

Contact: ZACH FEINGOLD
Contact address: PO BOX 725

CHINO, CA 91708

Contact country: US

Contact telephone: 909-620-5498

Contact email: ZACHARY.D.FEINGOLD@VERIZON.COM

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: VERIZON CALIFORNIA INC

Owner/operator address: Not reported Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Owner/operator email: Not reported Not reported Owner/operator fax: Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/1990 Owner/Op end date: Not reported

Owner/operator name: VERIZON CALIFORNIA INC

Owner/operator address: PO BOX 725

CHINO, CA 91708

Owner/operator country: US

Owner/operator telephone: 909-620-5498 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 01/01/1990 Owner/Op end date: Not reported

Handler Activities Summary:

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

**EDR ID Number** 

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

**VERIZON CALIFORNIA INC (Continued)** 

1016674920

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

. Waste code: 141

. Waste name: Off-specification, aged, or surplus inorganics

Waste code: 181

Waste name: Other inorganic solid waste

. Waste code: 214

. Waste name: Unspecified solvent mixture

. Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352

. Waste name: Other organic solids

. Waste code: D001

. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110059664037

Environmental Interest/Information System

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

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016674920 Registry ID: 110059664037

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110059664037

Direction Distance

**EDR ID Number** Elevation Site **EPA ID Number** Database(s)

**G28 VERIZON WIRELESS- MAMMOTH LAKES CUPA Listings** S112444237 N/A

NNE **39 PINECREST AVE** 

1/8-1/4 MAMMOTH LAKES, CA 93546

0.152 mi.

805 ft. Site 2 of 4 in cluster G

CUPA MONO: Relative:

Program: 2116 - BUSINESS PLAN (small-55 to 5,000 gallons) Lower

Facility Number: FA0000903

Actual: Facility Status: 01 - Active, billable 7869 ft. Contact Phone: (866) 694-2415

Contact Address: 295 PARKSHORE DR.

Contact City: **FOLSOM** Not reported Contact State: Contact Zip: 95630 EDR Link ID: FA0000903

Program: 2314 - HAZMAT(Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000903 Facility Status: 01 - Active, billable Contact Phone: (866) 694-2415 Contact Address: 295 PARKSHORE DR.

Contact City: **FOLSOM** Contact State: Not reported Contact Zip: 95630 EDR Link ID: FA0000903

Program: 2313 - ELECTRONIC REPORTING (Annual State Surcharge)

Facility Number: FA0000903

Facility Status: 02 - Inactive, non-billable

Contact Phone: (866) 694-2415 Contact Address: 295 PARKSHORE DR.

Contact City: **FOLSOM** Contact State: Not reported Contact Zip: 95630 EDR Link ID: FA0000903

2370 - CUPA FACILITY FEE Program:

Facility Number: FA0000903

Facility Status: 02 - Inactive, non-billable Contact Phone: (866) 694-2415 Contact Address: 295 PARKSHORE DR.

Contact City: **FOLSOM** Contact State: Not reported Contact Zip: 95630 EDR Link ID: FA0000903

Program: 2128 - BUSINESS PLAN (med.-5001-25,000 lbs.)

Facility Number: FA0000903

Facility Status: 02 - Inactive, non-billable Contact Phone: (866) 694-2415 Contact Address: 295 PARKSHORE DR.

Contact City: **FOLSOM** Contact State: Not reported Contact Zip: 95630 EDR Link ID: FA0000903

2160 - HANDLER PERMIT HAZMAT 0-1999 GAL Program:

Facility Number: FA0000903

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**VERIZON WIRELESS- MAMMOTH LAKES (Continued)** 

Facility Status: 02 - Inactive, non-billable

Contact Phone: (866) 694-2415 Contact Address: 295 PARKSHORE DR.

Contact City: **FOLSOM** Contact State: Not reported Contact Zip: 95630 EDR Link ID: FA0000903

UST U004156953 F29 **MAMMOTH SHELL** N/A

**ENE 3011 MAIN STREET** 

1/8-1/4 MAMMOTH LAKES, CA 93546

0.155 mi.

820 ft. Site 3 of 4 in cluster F

UST: Relative:

Facility ID: 26-000-000133 Lower Permitting Agency: MONO COUNTY

Actual: Latitude: 37.6475206 7829 ft. Longitude: -118.964332

> Facility ID: 26-000-000133

Permitting Agency: Mono County Health Department

Latitude: Not reported Not reported Longitude:

F30 MAMMOTH SHELL **CUPA Listings** S112444155

**ENE 3011 MAIN ST** 

1/8-1/4 MAMMOTH LAKES, CA 93546

0.155 mi.

820 ft. Site 4 of 4 in cluster F

**CUPA MONO:** Relative:

Program: 2118 - BUSINESS PLAN (large->25,000 gallons) Lower

Facility Number: FA0000133 Actual: Facility Status: 01 - Active, billable 7829 ft. Contact Phone: (760) 873-1095

Contact Address: 1274 N MAIN STREET

Contact City: **BISHOP** Contact State: CA Contact Zip: 93514 EDR Link ID: FA0000133

Program: 2314 - HAZMAT(Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000133 Facility Status: 01 - Active, billable Contact Phone: (760) 873-1095 Contact Address: 1274 N MAIN STREET

**BISHOP** Contact City: Contact State: CA 93514 Contact Zip: EDR Link ID: FA0000133

2371 - FACILITYwith UST/ANNUAL OPERATING PERMIT Program:

Facility Number: FA0000133 Facility Status: 01 - Active, billable Contact Phone: (760) 873-1095

N/A

S112444237

Direction Distance

Elevation Site Database(s) EPA ID Number

# MAMMOTH SHELL (Continued)

S112444155

**EDR ID Number** 

Contact Address: 1274 N MAIN STREET

Contact City: BISHOP
Contact State: CA
Contact Zip: 93514
EDR Link ID: FA0000133

Program: 2311 - UNDERGROUND STORAGE TANK FACILITY, GAS STN.

Facility Number: FA0000133

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 873-1095 Contact Address: 1274 N MAIN STREET

Contact City: BISHOP
Contact State: CA
Contact Zip: 93514
EDR Link ID: FA0000133

Program: 2313 - ELECTRONIC REPORTING (Annual State Surcharge)

Facility Number: FA0000133

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 873-1095 Contact Address: 1274 N MAIN STREET

Contact City: BISHOP
Contact State: CA
Contact Zip: 93514
EDR Link ID: FA0000133

Program: 2370 - CUPA FACILITY FEE

Facility Number: FA0000133

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 873-1095 Contact Address: 1274 N MAIN STREET

Contact City: BISHOP
Contact State: CA
Contact Zip: 93514
EDR Link ID: FA0000133

Program: 2378 - UST (Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000133

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 873-1095 Contact Address: 1274 N MAIN STREET

Contact City: BISHOP
Contact State: CA
Contact Zip: 93514

EDR Link ID:

Program: 2161 - HANDLER PERMIT-HAZMAT 2000+ GAL

Facility Number: FA0000133

Facility Status: 02 - Inactive, non-billable

FA0000133

Contact Phone: (760) 873-1095 Contact Address: 1274 N MAIN STREET

Contact City: BISHOP
Contact State: CA
Contact Zip: 93514
EDR Link ID: FA0000133

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

G31 CONTEL LUST 1000400040

NNE **470039 PINECREST AVE SWEEPS UST** N/A **HIST CORTESE** 

1/8-1/4 MAMMOTH LAKES, CA 93546

0.175 mi.

924 ft. Site 3 of 4 in cluster G

LUST: Relative:

MONO COUNTY Lead Agency: Higher

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100030 7872 ft.

Global Id: T0605100030 Latitude: 37.7122963 -118.8199661 Longitude:

Completed - Case Closed Status:

10/16/1996 Status Date: Case Worker: LM

6B2600778T RB Case Number: Local Agency: MONO COUNTY File Location: Not reported Local Case Number: Not reported Potential Media Affect: Soil Potential Contaminants of Concern: Diesel

Site History: Not reported

LUST:

Global Id: T0605100030

Contact Type: Local Agency Caseworker

Contact Name: LOUIS MOLÍNA MONO COUNTY Organization Name: Address: P.O. BOX 3329 City: MAMMOTH LAKES Email: Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

T0605100030 Global Id: Action Type: Other 02/02/1992 Date: Action: Leak Discovery

Global Id: T0605100030 Action Type: Other 10/16/1996 Date: Leak Reported Action:

LUST:

T0605100030 Global Id:

Status: Completed - Case Closed

Status Date: 10/16/1996

Global Id: T0605100030

Open - Case Begin Date Status:

Status Date: 02/02/1992

LUST Region 6V:

Region: 6V

Case Number: 6B2600778T

Direction Distance Elevation

**EDR ID Number** Site Database(s) **EPA ID Number** 

**CONTEL** (Continued) 1000400040

Leak Record: 11/1/1996 Report Date: 10/16/1996 Not reported Reported By Address: Responsible Party: CONTEL Operator: **DARRELL LYELL** Cross Street: Not reported 26000 Local Agency:

Regional Board: 6V Chemical: Diesel Case Type: Soil only Funding: Not reported Enforce Type: Not reported Tank Closure How Found: How Stopped: Not reported Cause of Leak: UNK

Leak Source: UNK Global ID: T0605100030 Stop Date: Not reported Leak Confirm: Not reported Submit Workplan: Not reported Prelim Assess: Not reported Pollution Char: Not reported Remed Plan: Not reported Remed Action: Not reported Monitoring: Not reported 10/16/1996 Close Date: Discovered: 2/2/1992 Enforce Date: Not reported Review Date: 11/2/1996 GW Qualifier: Not reported

Not reported MTBE class:

Soil Qualifier:

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported

MTBE Counts: MTBE Fuel: 0 NRQ MTBE Tested: Organization Name: Not reported Status: Case Closed Contact: Not reported Interim Action: Not reported

LUST Pilot Program:

Lat/Long: 37.7122963 / -118.8199661

JWC Staff Initials: Local Agency Staff: Not reported Local Agency Lead Agency: Summary: Not reported

Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Priority: Not reported UST Cleanup Fund ID: Not reported Suspended: Not reported Local Case Number: Not reported Not reported Amount:

Excavate and Dispose - remove contaminated soil and dispose in Abate Method:

approved site

Water System: CITY OF LIVE OAK

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

CONTEL (Continued) 1000400040

Well Name: Not reported

Distance: 0

Wst Disch Reqrmnt Global ID: W0605110001
Wst Disch Reqrmnt Name: 2610001-019

SWEEPS UST:

Not reported Status: Comp Number: 1459 Number: Not reported Board Of Equalization: 44-014618 Not reported Referral Date: Action Date: Not reported Not reported Created Date: Owner Tank Id: Not reported

SWRCB Tank ld: 26-000-001459-000001

Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL

Number Of Tanks: 1

HIST CORTESE:

Region: CORTESE
Facility County Code: 26
Reg By: LTNKA
Reg Id: 6B2600778T

G32 VERIZON MAMMOTH LAKES CO

NNE 47039 PINECREST AVE.

AST A100156563

N/A

NNE 47039 PINECREST AVE. 1/8-1/4 MAMMOTH LAKES, CA

0.176 mi.

930 ft. Site 4 of 4 in cluster G

Relative: AST:

Higher Certified Unified Program Agencies: Mono

Owner: VERIZON CALIFORNIA, INC.

Actual: Total Gallons: 1,500
7873 ft. CERSID: Not rei

CERSID: Not reported Facility ID: Not reported Business Name: Not reported Phone: Not reported Fax: Not reported Mailing Address: Not reported Mailing Address City: Not reported Mailing Address State: Not reported Mailing Address Zip Code: Not reported

Mailing Address Zip Code:

Operator Name:

Operator Phone:

Owner Phone:

Owner Mail Address:

Owner State:

Owner Zip Code:

Owner Zip Code:

Owner Country:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Property Owner Name: Not reported Property Owner Phone: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## **VERIZON MAMMOTH LAKES CO (Continued)**

A100156563

N/A

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

SWEEPS UST \$106924319

33 **CHEVRON MAMMOTH LAKES** NNW

**203 PINECREST** 

1/8-1/4 MAMMOTH LAKES, CA 93546 0.210 mi.

1108 ft.

SWEEPS UST: Relative:

Higher Status: Active Comp Number: 62157 Actual: Number: 7902 ft.

Board Of Equalization: 44-014679 05-05-94 Referral Date: Action Date: 05-24-94 Created Date: 12-31-88

Owner Tank Id:

26-000-062157-000001 SWRCB Tank Id:

Tank Status: 5000 Capacity: Active Date: 07-01-85 Tank Use: **UNKNOWN** 

STG:

Not reported Content:

Number Of Tanks: 5

Status: Active Comp Number: 62157 Number:

Board Of Equalization: 44-014679 05-05-94 Referral Date: Action Date: 05-24-94 12-31-88 Created Date:

Owner Tank Id: 2

SWRCB Tank Id: 26-000-062157-000002

Tank Status: 10000 Capacity: 07-01-85 Active Date: UNKNOWN Tank Use:

STG:

Content: Not reported Number Of Tanks: Not reported

Status: Active Comp Number: 62157 Number:

44-014679 Board Of Equalization: Referral Date: 05-05-94 Action Date: 05-24-94 Created Date: 12-31-88

Owner Tank Id: 3

SWRCB Tank Id: 26-000-062157-000003

Tank Status: Α

Direction Distance

Elevation Site Database(s) EPA ID Number

# **CHEVRON MAMMOTH LAKES (Continued)**

S106924319

**EDR ID Number** 

Capacity: 10000 Active Date: 07-01-85 Tank Use: UNKNOWN

STG: P

Content: Not reported Number Of Tanks: Not reported

Status: Active
Comp Number: 62157
Number: 1
Board Of Equalization: 44-014

 Board Of Equalization:
 44-014679

 Referral Date:
 05-05-94

 Action Date:
 05-24-94

 Created Date:
 12-31-88

Owner Tank Id: 4

SWRCB Tank ld: 26-000-062157-000004

 Tank Status:
 A

 Capacity:
 1000

 Active Date:
 07-01-85

 Tank Use:
 UNKNOWN

STG: W

Content: Not reported Number Of Tanks: Not reported

Status: Active
Comp Number: 62157
Number: 1
Board Of Equalization: 44-014679
Referral Date: 05-05-94

Referral Date: 05-05-94
Action Date: 05-24-94
Created Date: 12-31-88

Owner Tank Id: 5

SWRCB Tank ld: 26-000-062157-000005

 Tank Status:
 A

 Capacity:
 550

 Active Date:
 05-05-94

 Tank Use:
 M.V. FUEL

 STG:
 P

Content: DIESEL
Number Of Tanks: Not reported

MAMMOTH LAKES DUMP

NE HWY 203, MAIN STREET, MAMMOTH LAKES, CA

1/8-1/4 MAMMOTH LAKES, CA

0.248 mi. 1307 ft.

34

Relative: SWF/LF (SWIS):

Lower Region: STATE Facility ID: 26-CR-0006

 Actual:
 Lat/Long:
 37.64071 / -118.93436

 7858 ft.
 Owner Name:
 US Forest Svc-Inyo

Owner Telephone: Not reported
Owner Address: Not reported
Owner Address2: Not reported
Owner City,St,Zip: Not reported
Operational Status: Closed

Operator: County Of Mono

SWF/LF S105678186

N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

# MAMMOTH LAKES DUMP (Continued)

S105678186

Operator Phone: 7609325440

Operator Address: Department of Public Works

Operator Address2: Box 457

Operator City, St, Zip: Bridgeport, CA 93517

Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: \$0.00

Activity: Solid Waste Disposal Site

Regulation Status: Pre-regulations Landuse Name: Not reported GIS Source: Place Disposal Category: Unit Number: 01 Inspection Frequency: Annual Not reported Accepted Waste: Closure Date: 07/01/1974 Closure Type: Estimated Disposal Acreage: \$0.00 SWIS Num: 26-CR-0006 Waste Discharge Requirement Num: Not reported Program Type: Not reported

Permitted Throughput with Units: 0

Actual Throughput with Units: Not reported

Permitted Capacity with Units: 0

Remaining Capacity:

Remaining Capacity with Units: Not reported Lat/Long: 37.64071 / -118.93436

NORCO GOODYEAR SERVICE CENTER

NW 3670 MAIN ST 1/4-1/2 MAMMOTH LAKES, CA 93546

0.286 mi. 1511 ft.

35

Relative: LUST:

Higher Lead Agency: MONO COUNTY
Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100027

7961 ft. Global ld: T0605100027

 Global Id:
 T0605100027

 Latitude:
 37.649355

 Longitude:
 -118.977181

Status: Completed - Case Closed

Status Date: 10/08/1996 Case Worker: LM

RB Case Number: 6B2600743T
Local Agency: MONO COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline

Site History: Not reported

LUST:

Global Id: T0605100027

Contact Type: Local Agency Caseworker

Contact Name: LOUIS MOLINA
Organization Name: MONO COUNTY
Address: P.O. BOX 3329

LUST

**CUPA Listings** 

**HIST CORTESE** 

S102434423

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

# NORCO GOODYEAR SERVICE CENTER (Continued)

S102434423

**EDR ID Number** 

City: MAMMOTH LAKES
Email: Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605100027

 Action Type:
 Other

 Date:
 06/14/1996

 Action:
 Leak Reported

 Global Id:
 T0605100027

 Action Type:
 Other

 Date:
 05/01/1996

 Action:
 Leak Discovery

LUST:

Global Id: T0605100027

Status: Completed - Case Closed

Status Date: 10/08/1996

Global Id: T0605100027

Status: Open - Case Begin Date

Status Date: 05/01/1996

LUST Region 6V:

Discovered:

Enforce Date:

Region: 6V

Case Number: 6B2600743T Leak Record: 8/26/1996 Report Date: 6/14/1996 Reported By Address: Not reported

Responsible Party: NORCO SERVICE CENTER

Operator: RUSS NORTON
Cross Street: MOUNTAIN
Local Agency: 26000
Regional Board: 6V
Chemical: Gasoline
Case Type: Soil only
Funding: R

Enforce Type: Not reported How Found: Tank Closure How Stopped: Not reported Cause of Leak: Corrosion Leak Source: **Piping** Global ID: T0605100027 Stop Date: Not reported Leak Confirm: Not reported Not reported Submit Workplan: Prelim Assess: Not reported Pollution Char: Not reported Remed Plan: Not reported Not reported Remed Action: Monitoring: Not reported 10/8/1996 Close Date:

5/1/1996

Not reported

TC5106528.2s Page 69

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## NORCO GOODYEAR SERVICE CENTER (Continued)

S102434423

Review Date: 8/26/1996 GW Qualifier: Not reported Soil Qualifier: Not reported

MTBE class:

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported

MTBE Counts: 0 MTBE Fuel: 1 NT MTBE Tested:

Organization Name: Not reported Case Closed Status: Contact: Not reported Interim Action: Not reported Pilot Program: LUST

37.7122963 / -118.8199661 Lat/Long:

Staff Initials: JWC Local Agency Staff: Not reported Lead Agency: Local Agency

SAMPLES COLLECTED DURING THE TANK REMOVAL PROJECT INDICATED LEVELS OF Summary:

PETROLEUM HYDROCARBONS

LONG VALLEY (6-11) Basin Number:

Beneficial: Not reported Priority: Not reported UST Cleanup Fund ID: Not reported Suspended: Not reported Local Case Number: Not reported Amount: Not reported

Abate Method: Excavate and Dispose - remove contaminated soil and dispose in

approved site

Water System: CITY OF LIVE OAK Well Name: Not reported

Distance:

Wst Disch Regrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

# **CUPA MONO:**

Program: 2118 - BUSINESS PLAN (large->25,000 gallons)

Facility Number: FA0000565 01 - Active, billable Facility Status: Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA 93546 Contact Zip: EDR Link ID: FA0000565

Program: 2314 - HAZMAT(Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000565 01 - Active, billable Facility Status: Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000565

2371 - FACILITYwith UST/ANNUAL OPERATING PERMIT Program:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# NORCO GOODYEAR SERVICE CENTER (Continued)

S102434423

Facility Number: FA0000565 Facility Status: 01 - Active, billable Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000565

Program: 2380 - WASTE GENERATORS (small<100kg or 30 gal/mo)

Facility Number: FA0000565 01 - Active, billable Facility Status: Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000565

2311 - UNDERGROUND STORAGE TANK FACILITY, GAS STN. Program:

Facility Number: FA0000565

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000565

2313 - ELECTRONIC REPORTING (Annual State Surcharge) Program:

Facility Number: FA0000565

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 MAMMOTH LAKES Contact City:

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000565

2370 - CUPA FACILITY FEE Program:

Facility Number: FA0000565

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA Contact Zip: 93546 EDR Link ID: FA0000565

2373 - TIERED PERMIT PBR-PER BY RULE-HOUSE HAZ WASTE Program:

Facility Number: FA0000565

Facility Status: 02 - Inactive, non-billable

(760) 934-9693 Contact Phone: Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA Contact Zip: 93546

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

# NORCO GOODYEAR SERVICE CENTER (Continued)

S102434423

EDR Link ID: FA0000565

Program: 2378 - UST (Annual State Surcharge set by Cal/EPA)

Facility Number: FA0000565

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA
Contact Zip: 93546
EDR Link ID: FA0000565

Program: 2381 - WASTE GENERATORS(med100-1000kg or 300 gal/mo)

Facility Number: FA0000565

Facility Status: 02 - Inactive, non-billable

Contact Phone: (760) 934-9693 Contact Address: P.O. BOX 558 Contact City: MAMMOTH LAKES

Contact State: CA
Contact Zip: 93546
EDR Link ID: FA0000565

HIST CORTESE:

Region: CORTESE
Facility County Code: 26
Reg By: LTNKA
Reg Id: 6B2600743T

36 MAMMOTH RETAIL SHOPS SSE 501 OLD MAMMOTH RD 1/4-1/2 MAMMOTH LAKES, CA 93546 LUST S100939479 HIST CORTESE N/A

0.436 mi. 2303 ft.

Actual:

Relative: LUST:

Lower Lead Agency: MONO COUNTY

Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605100004

**7854 ft.** Global Id: T0605100004

Latitude: 37.6379236 Longitude: -118.96659

Status: Completed - Case Closed

Status Date: 09/05/1995

Case Worker: LM

RB Case Number: 6B2600032T
Local Agency: MONO COUNTY
File Location: Not reported
Local Case Number: Not reported

Potential Media Affect: Soil

Potential Contaminants of Concern: Heating Oil / Fuel Oil Site History: Not reported

LUST:

Global Id: T0605100004

Contact Type: Local Agency Caseworker

Contact Name: LOUIS MOLINA
Organization Name: MONO COUNTY
Address: P.O. BOX 3329

Direction Distance Elevation

ation Site Database(s) EPA ID Number

# MAMMOTH RETAIL SHOPS (Continued)

S100939479

**EDR ID Number** 

City: MAMMOTH LAKES
Email: Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605100004

 Action Type:
 Other

 Date:
 10/23/1995

 Action:
 Leak Reported

 Global Id:
 T0605100004

 Action Type:
 Other

 Date:
 08/29/1995

 Action:
 Leak Discovery

 Global Id:
 T0605100004

 Action Type:
 Other

 Date:
 08/29/1995

 Action:
 Leak Stopped

LUST:

Global Id: T0605100004

Status: Completed - Case Closed

Status Date: 09/05/1995

Global Id: T0605100004

Status: Open - Case Begin Date

Status Date: 08/29/1995

Global Id: T0605100004

Status: Open - Site Assessment

Status Date: 08/29/1995

LUST Region 6V:

Region: 6V

Case Number: 6B2600032T 12/13/1995 Leak Record: Report Date: 10/23/1995 Reported By Address: Not reported Responsible Party: OLIN AND LEVY Operator: Not reported Not reported Cross Street: Local Agency: 26000 Regional Board: 6V

Chemical: Heater Fuel
Case Type: Soil only
Funding: R
Enforce Type: N

How Found: Tank Closure
How Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK

Global ID: T0605100004 Stop Date: 8/29/1995 Leak Confirm: 8/29/1995

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

# MAMMOTH RETAIL SHOPS (Continued)

S100939479

**EDR ID Number** 

Submit Workplan: Not reported Prelim Assess: Not reported Pollution Char: Not reported Remed Plan: Not reported Remed Action: Not reported Not reported Monitoring: Close Date: 9/5/1995 8/29/1995 Discovered: Enforce Date: 1/1/1965 Review Date: 2/3/1998 GW Qualifier: Not reported Soil Qualifier: Not reported

MTBE class:

Max MTBE Grnd Wtr: Not reported Max MTBE Soil: Not reported

MTBE Counts: MTBE Fuel: 0 NRQ MTBE Tested: Organization Name:

Not reported Case Closed Status: Not reported Contact: Interim Action: Not reported LUST

Pilot Program:

Lat/Long: 37.7122963 / -118.8199661

JWC Staff Initials: Local Agency Staff: Not reported Lead Agency: Local Agency

CASE CLOSED WHEN WE GOT CASE 12-12-95 Summary:

Basin Number: LONG VALLEY (6-11)

Beneficial: Not reported Not reported Priority: UST Cleanup Fund ID: Not reported Suspended: Not reported Local Case Number: Not reported Not reported Amount:

Excavate and Dispose - remove contaminated soil and dispose in Abate Method:

approved site

Water System: CITY OF LIVE OAK Well Name: Not reported

Distance: 0

Wst Disch Regrmnt Global ID: W0605110001 Wst Disch Regrmnt Name: 2610001-019

HIST CORTESE:

CORTESE Region: Facility County Code: 26 LTNKA Reg By: Reg Id: 6B2600032T

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

37 THE VILLAGE AT MAMMOTH LUST S110654706

**WSW** MINARET RD N/A 1/4-1/2

MAMMATH LAKES, CA 93546

0.448 mi. 2363 ft.

LUST: Relative:

MONO COUNTY Lead Agency: Higher Case Type: **LUST Cleanup Site** 

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T0605130574

7977 ft. Global Id: T0605130574 Latitude: 37.642158 -118.980832 Longitude:

Completed - Case Closed Status:

10/29/2002 Status Date: Case Worker: LM

6B2601017T RB Case Number: Local Agency: MONO COUNTY File Location: Not reported Local Case Number: Not reported Potential Media Affect: Soil Potential Contaminants of Concern: Gasoline Site History: Not reported

LUST:

Global Id: T0605130574

Contact Type: Local Agency Caseworker

Contact Name: LOUIS MOLÍNA MONO COUNTY Organization Name: Address: P.O. BOX 3329 City: MAMMOTH LAKES Email: Imolina@mono.ca.gov

Phone Number: Not reported

LUST:

T0605130574 Global Id: Action Type: Other 01/14/2002 Date: Action: Leak Reported

T0605130574 Global Id: REMEDIATION Action Type: Date: 01/15/2002 Action: Excavation

Global Id: T0605130574 Action Type: Other 01/14/2002 Date: Action: Leak Discovery

LUST:

Global Id: T0605130574

Status: Completed - Case Closed

10/29/2002 Status Date:

Global Id: T0605130574

Open - Case Begin Date Status:

Status Date: 01/14/2002 **EDR ID Number** 

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MAMMATH LAKES	S105694713	THE VILLAGE AT MAMMOTH	MINARET RD	93546	LUST
MAMMOTH LAKES	S102432944	MAMMOTH MOBILE	CENTER ST	93546	LUST, HIST CORTESE
MAMMOTH LAKES	S104161438	MMSA MAINTENANCE GARAGE	MINARET RD	93546	LUST, HIST CORTESE

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/30/2017 Source: EPA
Date Data Arrived at EDR: 06/08/2017 Telephone: N/A

Number of Days to Update: 99 Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/30/2017 Source: EPA
Date Data Arrived at EDR: 06/09/2017 Telephone: N/A

Number of Days to Update: 98 Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 05/30/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 98

Source: EPA Telephone: N/A

Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Quarterly

#### Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017

Number of Days to Update: 92

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 10/06/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Varies

## SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/11/2017 Date Data Arrived at EDR: 07/21/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 77

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Quarterly

## Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 07/11/2017 Date Data Arrived at EDR: 07/28/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 70

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Quarterly

## Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

# Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency Telephone: (415) 495-8895

Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

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

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

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

## Federal institutional controls / engineering controls registries

### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017 Date Data Arrived at EDR: 06/13/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 94

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/08/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 08/10/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/30/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Varies

## US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 08/10/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/30/2017

Next Scheduled EDR Contact: 12/11/2017

Data Release Frequency: Varies

#### Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/18/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

## State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

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

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

## State- and tribal - equivalent CERCLIS

**ENVIROSTOR:** EnviroStor Database

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

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

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 08/14/2017 Date Data Arrived at EDR: 08/17/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 35

Source: Department of Resources Recycling and Recovery Telephone: 916-341-6320

Last EDR Contact: 08/17/2017

Next Scheduled EDR Contact: 11/27/2017 Data Release Frequency: Quarterly

## State and tribal leaking storage tank lists

LUST REG 1: Active Toxic Site Investigation

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

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

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001 Date Data Arrived at EDR: 04/23/2001 Date Made Active in Reports: 05/21/2001

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 09/11/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 58

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

Clara, Solano, Sonoma counties.

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

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

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

Date of Government Version: 10/07/2016 Date Data Arrived at EDR: 01/26/2017 Date Made Active in Reports: 05/05/2017

Number of Days to Update: 99

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 11/07/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Quarterly

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

Date of Government Version: 04/13/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

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

Date of Government Version: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

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

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

Number of Days to Update: 98

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Semi-Annually

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

Date of Government Version: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/26/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/01/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Varies

### SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 09/11/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 58

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Varies

#### SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

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

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

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

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

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

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

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

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

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

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

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

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

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

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

# State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/11/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 57

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016 Date Data Arrived at EDR: 07/12/2016 Date Made Active in Reports: 09/19/2016

Number of Days to Update: 69

Source: California Environmental Protection Agency

Telephone: 916-327-5092 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian

land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

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

Number of Days to Update: 99

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/02/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/25/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 98

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/01/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/26/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

## State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

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

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

#### State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

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

Date of Government Version: 09/21/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 49

Source: State Water Resources Control Board

Telephone: 916-323-7905 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

# ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/19/2017 Date Data Arrived at EDR: 06/20/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 09/20/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Semi-Annually

## Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/11/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 9

Source: Department of Conservation Telephone: 916-323-3836 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

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

Number of Days to Update: 76

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 10/30/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 10/20/2017

Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 07/13/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 30

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 08/30/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

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

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2017 Date Data Arrived at EDR: 08/18/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 34

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018

Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995 Date Data Arrived at EDR: 08/30/1995 Date Made Active in Reports: 09/26/1995

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/13/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 30

Source: Drug Enforcement Administration Telephone: 202-307-1000

Last EDR Contact: 08/30/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Quarterly

## Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained.

The local agency is the contact for more information on a site on the SWEEPS list.

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

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 06/02/2017 Date Data Arrived at EDR: 06/06/2017 Date Made Active in Reports: 08/25/2017

Number of Days to Update: 80

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 11/07/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

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

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

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

## Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 08/31/2017 Date Data Arrived at EDR: 09/05/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/31/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 07/11/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

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

Date of Government Version: 09/05/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 63

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 09/06/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

## HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/21/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

## CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 05/09/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 57

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

## LDS: Land Disposal Sites Listing (GEOTRACKER)

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

Date of Government Version: 09/11/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 58

Source: State Water Quality Control Board

Telephone: 866-480-1028 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

## MCS: Military Cleanup Sites Listing (GEOTRACKER)

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

Date of Government Version: 09/11/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 58

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

### SPILLS 90: SPILLS90 data from FirstSearch

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

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

Number of Days to Update: 50

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### Other Ascertainable Records

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

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

Date of Government Version: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015 Date Data Arrived at EDR: 07/08/2015 Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 08/25/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

# DOD: Department of Defense Sites

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

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

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Semi-Annually

## FEDLAND: Federal and Indian Lands

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

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

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/11/2017

Next Scheduled EDR Contact: 01/22/2018

Data Release Frequency: N/A

# SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 11/27/2017 Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 05/10/2017 Date Data Arrived at EDR: 05/17/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 121

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

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

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

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/19/2018

Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

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

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

Number of Days to Update: 14

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 09/22/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

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

Number of Days to Update: 133

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 08/23/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

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

Number of Days to Update: 77

Source: EPA Telephone: 202-564-4203 Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 09/27/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 8

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Annually

#### RMP: Risk Management Plans

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

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

Number of Days to Update: 57

Source: Environmental Protection Agency Telephone: 202-564-8600

Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

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

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

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 126

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 10/11/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Quarterly

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the

Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission Telephone: 301-415-7169

Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 11/20/2017 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 10/03/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 09/08/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 10/26/2017

Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2017 Date Data Arrived at EDR: 10/05/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/05/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

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

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018

Data Release Frequency: Varies

**BRS: Biennial Reporting System** 

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/11/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 52

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 11/02/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/30/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 98

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 11/03/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites

may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

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

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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

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

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

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

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

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 07/31/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 08/30/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 09/01/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Varies

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

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

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 09/01/2017

Next Scheduled EDR Contact: 12/11/2017

Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 09/25/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 24

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/23/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 9

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 09/06/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 02/13/2017 Date Data Arrived at EDR: 02/15/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 261

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Varies

### ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/02/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 09/06/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2016 Date Data Arrived at EDR: 06/02/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 133

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels

Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/17/2017 Date Data Arrived at EDR: 08/17/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 29

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 08/17/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of

Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste

Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/21/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 08/08/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 03/21/2017 Date Made Active in Reports: 08/15/2017

Number of Days to Update: 147

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 09/22/2017

Next Scheduled EDR Contact: 01/01/2018

Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 08/18/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/24/2017

Number of Days to Update: 63

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/21/2017 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 84

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 08/15/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/25/2017

Number of Days to Update: 64

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/12/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 97

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 08/21/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/25/2017

Number of Days to Update: 64

Source: Department of Toxic Subsances Control

Telephone: 877-786-9427 Last EDR Contact: 08/22/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/21/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/25/2017

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/22/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/10/2017 Date Data Arrived at EDR: 10/10/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 7

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/11/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 11/01/2017

Number of Days to Update: 50

Source: Department of Conservation Telephone: 916-322-1080 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 09/01/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 63

Source: Department of Public Health Telephone: 916-558-1784 Last EDR Contact: 09/06/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/14/2017 Date Data Arrived at EDR: 08/17/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 61

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 08/17/2017

Next Scheduled EDR Contact: 11/27/2017 Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

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

Date of Government Version: 09/05/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 63

Source: Department of Pesticide Regulation Telephone: 916-445-4038

Last EDR Contact: 09/06/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.

Date of Government Version: 09/11/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 10/18/2017

Number of Days to Update: 36

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 06/16/2017 Date Data Arrived at EDR: 06/20/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 119

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 09/18/2017

Next Scheduled EDR Contact: 01/01/2018

Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 01/20/2017 Date Data Arrived at EDR: 03/14/2017 Date Made Active in Reports: 05/03/2017

Number of Days to Update: 50

Source: Deaprtment of Conservation Telephone: 916-445-2408 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017

Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

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

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

Number of Days to Update: 67

Source: RWQCB, Central Valley Region

Telephone: 559-445-5577 Last EDR Contact: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018

Data Release Frequency: Varies

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Auto Stations

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

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

### EDR Hist Cleaner: EDR Exclusive Historic Cleaners

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

Date of Government Version: N/A Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

### Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/13/2014 Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Data Release Frequency: Varies

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/30/2013 Number of Days to Update: 182

Source: State Water Resources Control Board Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A

### **COUNTY RECORDS**

### ALAMEDA COUNTY:

#### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 09/22/2017 Date Data Arrived at EDR: 09/22/2017 Date Made Active in Reports: 10/10/2017

Number of Days to Update: 18

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Semi-Annually

### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 27

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 04/24/2047 Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

**CUPA Facility List** Cupa Facility List

> Date of Government Version: 06/20/2017 Date Data Arrived at EDR: 06/21/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 49

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 08/31/2017

Next Scheduled EDR Contact: 12/18/2017

Data Release Frequency: Varies

### **BUTTE COUNTY:**

**CUPA Facility Listing** Cupa facility list.

Date of Government Version: 04/21/2017 Date Data Arrived at EDR: 04/25/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 106

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 09/18/2017

Next Scheduled EDR Contact: 10/23/2017 Data Release Frequency: No Update Planned

### CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/31/2017 Date Data Arrived at EDR: 09/05/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 64

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 09/05/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

### COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Semi-Annually

#### CONTRA COSTA COUNTY:

### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/17/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/25/2017

Number of Days to Update: 64

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 10/30/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Semi-Annually

#### **DEL NORTE COUNTY:**

CUPA Facility List Cupa Facility list

> Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 66

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 10/25/2017

Next Scheduled EDR Contact: 02/12/2018

Data Release Frequency: Varies

## EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

Date of Government Version: 08/18/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/24/2017

Number of Days to Update: 63

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 10/30/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

### FRESNO COUNTY:

#### **CUPA Resources List**

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/30/2017 Date Data Arrived at EDR: 07/05/2017 Date Made Active in Reports: 08/04/2017

Number of Days to Update: 30

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 09/27/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Semi-Annually

### GLENN COUNTY:

**CUPA Facility List** Cupa facility list

> Date of Government Version: 07/26/2017 Date Data Arrived at EDR: 07/28/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 77

Source: Glenn County Air Pollution Control District

Telephone: 830-934-6500 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

### **HUMBOLDT COUNTY:**

**CUPA Facility List** CUPA facility list.

> Date of Government Version: 08/03/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 08/03/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

**CUPA Facility List** Cupa facility list.

> Date of Government Version: 07/21/2017 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 83

Source: San Diego Border Field Office Telephone: 760-339-2777

Last EDR Contact: 10/23/2017 Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Varies

## INYO COUNTY:

**CUPA Facility List** 

Cupa facility list.

Date of Government Version: 06/08/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 08/04/2017

Number of Days to Update: 56

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 08/31/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 44

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

KINGS COUNTY:

**CUPA Facility List** 

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 09/22/2017 Date Data Arrived at EDR: 09/22/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 24

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 09/22/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 08/03/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 74

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 07/24/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 82

Source: Lassen County Environmental Health

Telephone: 530-251-8528 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 09/18/2017

Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 5

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/17/2017 Date Data Arrived at EDR: 07/18/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 65

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 10/17/2017

Next Scheduled EDR Contact: 01/29/2018

Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 04/21/2017 Date Made Active in Reports: 10/09/2017

Number of Days to Update: 171

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 06/21/2017 Date Data Arrived at EDR: 06/23/2017 Date Made Active in Reports: 10/30/2017

Number of Days to Update: 129

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 10/24/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 04/19/2017 Date Made Active in Reports: 05/10/2017

Number of Days to Update: 21

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017 Date Data Arrived at EDR: 03/10/2017 Date Made Active in Reports: 05/03/2017

Number of Days to Update: 54

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/11/2017 Date Data Arrived at EDR: 07/14/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 69

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Semi-Annually

#### MADERA COUNTY:

### **CUPA Facility List**

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 10/26/2017 Date Data Arrived at EDR: 10/27/2017 Date Made Active in Reports: 11/06/2017

Number of Days to Update: 10

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 10/26/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

### MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 09/28/2017 Date Data Arrived at EDR: 10/05/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 34

Source: Public Works Department Waste Management

Telephone: 415-473-6647 Last EDR Contact: 09/27/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Semi-Annually

## MERCED COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 10/02/2017 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 14

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 09/27/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

### MONO COUNTY:

CUPA Facility List CUPA Facility List

> Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 40

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 08/08/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Varies

#### MONTEREY COUNTY:

**CUPA Facility Listing** 

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/22/2017 Date Data Arrived at EDR: 06/23/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 47

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 08/21/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

#### NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017 Date Data Arrived at EDR: 01/11/2017 Date Made Active in Reports: 03/02/2017

Number of Days to Update: 50

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 08/24/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 08/24/2017 Date Data Arrived at EDR: 08/25/2017 Date Made Active in Reports: 10/27/2017

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 08/24/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: No Update Planned

### **NEVADA COUNTY:**

**CUPA Facility List** 

CUPA facility list.

Date of Government Version: 08/04/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 10/25/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Varies

### **ORANGE COUNTY:**

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/11/2017 Date Made Active in Reports: 10/11/2017

Number of Days to Update: 61

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/11/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 41

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/09/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 43

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/07/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

#### PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 63

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Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 08/31/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Semi-Annually

#### PLUMAS COUNTY:

**CUPA Facility List** 

Plumas County CUPA Program facilities.

Date of Government Version: 06/19/2017 Date Data Arrived at EDR: 07/05/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 35

Source: Plumas County Environmental Health

Telephone: 530-283-6355 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Varies

#### RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 28

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 09/18/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/12/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 27

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 09/18/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 3

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 10/03/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Quarterly

### Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/03/2017 Date Data Arrived at EDR: 07/06/2017 Date Made Active in Reports: 08/22/2017

Number of Days to Update: 47

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 10/03/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Quarterly

### SAN BENITO COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 08/11/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 66

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Varies

### SAN BERNARDINO COUNTY:

### **Hazardous Material Permits**

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2017 Date Data Arrived at EDR: 06/01/2017 Date Made Active in Reports: 08/25/2017

Number of Days to Update: 85

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

### SAN DIEGO COUNTY:

## Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/05/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 63

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 09/06/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015 Date Data Arrived at EDR: 11/07/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 58

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

**Environmental Case Listing** 

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010 Date Data Arrived at EDR: 06/15/2010 Date Made Active in Reports: 07/09/2010

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 08/31/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: No Update Planned

### SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/03/2017 Date Data Arrived at EDR: 05/08/2017 Date Made Active in Reports: 08/25/2017

Number of Days to Update: 109

Source: Department of Public Health Telephone: 415-252-3920 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/03/2017 Date Data Arrived at EDR: 10/06/2017 Date Made Active in Reports: 10/10/2017

Number of Days to Update: 4

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 08/28/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Semi-Annually

### SAN LUIS OBISPO COUNTY:

**CUPA Facility List** 

Cupa Facility List.

Date of Government Version: 08/18/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/25/2017

Number of Days to Update: 64

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

## SAN MATEO COUNTY:

#### **Business Inventory**

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/15/2017 Date Data Arrived at EDR: 09/19/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 09/07/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Annually

#### Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/15/2017 Date Data Arrived at EDR: 09/19/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 51

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 09/07/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Semi-Annually

### SANTA BARBARA COUNTY:

#### **CUPA Facility Listing**

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

### SANTA CLARA COUNTY:

#### Cupa Facility List

Cupa facility list

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/10/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 67

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 08/07/2017

Next Scheduled EDR Contact: 12/04/2017

Data Release Frequency: Varies

## HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014 Date Data Arrived at EDR: 03/05/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 08/24/2017

Next Scheduled EDR Contact: 12/11/2017 Data Release Frequency: Annually

#### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/15/2017 Date Made Active in Reports: 10/24/2017

Number of Days to Update: 70

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Annually

#### SANTA CRUZ COUNTY:

### **CUPA Facility List**

CUPA facility listing.

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 05/23/2017

Number of Days to Update: 90

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

#### SHASTA COUNTY:

### **CUPA Facility List**

Cupa Facility List.

Date of Government Version: 06/15/2017 Date Data Arrived at EDR: 06/19/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 51

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 08/21/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Varies

#### SOLANO COUNTY:

## Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2017 Date Data Arrived at EDR: 09/27/2017 Date Made Active in Reports: 11/10/2017

Number of Days to Update: 44

Telephone: 707-784-6770 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

### **Underground Storage Tanks**

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2017 Date Data Arrived at EDR: 09/27/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 42

Source: Solano County Department of Environmental Management

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

## SONOMA COUNTY:

Cupa Facility List Cupa Facility list

Date of Government Version: 06/23/2017 Date Data Arrived at EDR: 06/27/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 43

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/01/2018 Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/03/2017 Date Data Arrived at EDR: 10/06/2017 Date Made Active in Reports: 11/10/2017

Number of Days to Update: 35

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 09/25/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 08/17/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/25/2017

Number of Days to Update: 64

Source: Stanislaus County Department of Ennvironmental Protection

Telephone: 209-525-6751 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Varies

SUTTER COUNTY:

**Underground Storage Tanks** 

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/31/2017 Date Data Arrived at EDR: 09/05/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 64

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 08/31/2017

Next Scheduled EDR Contact: 12/18/2017 Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List Cupa facilities

> Date of Government Version: 07/19/2017 Date Data Arrived at EDR: 08/11/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 66

Source: Tehama County Department of Environmental Health

Telephone: 530-527-8020 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 07/21/2017 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 83

Source: Department of Toxic Substances Control

Telephone: 760-352-0381 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Varies

TULARE COUNTY:

**CUPA Facility List** 

Cupa program facilities

Date of Government Version: 09/27/2017 Date Data Arrived at EDR: 09/28/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division

Telephone: 559-624-7400 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 08/21/2017 Date Data Arrived at EDR: 08/22/2017 Date Made Active in Reports: 10/25/2017

Number of Days to Update: 64

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Varies

**VENTURA COUNTY:** 

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/26/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 74

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 09/27/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 Date Data Arrived at EDR: 06/24/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/08/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/26/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 75

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 10/23/2017

Next Scheduled EDR Contact: 02/05/2018 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/28/2017 Date Data Arrived at EDR: 09/12/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 9

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 09/12/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Quarterly

#### YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 06/29/2017 Date Data Arrived at EDR: 07/05/2017 Date Made Active in Reports: 08/25/2017

Number of Days to Update: 51

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 09/27/2017

Next Scheduled EDR Contact: 01/15/2018 Data Release Frequency: Annually

#### YUBA COUNTY:

**CUPA Facility List** 

CUPA facility listing for Yuba County.

Date of Government Version: 07/31/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 74

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 10/25/2017

Next Scheduled EDR Contact: 02/12/2018

Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013 Date Data Arrived at EDR: 08/19/2013 Date Made Active in Reports: 10/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 11/27/2017 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/11/2017 Date Made Active in Reports: 07/27/2017

Number of Days to Update: 107

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/05/2017

Next Scheduled EDR Contact: 01/22/2018 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

acility.

Date of Government Version: 07/31/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 10/12/2017

Number of Days to Update: 70

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/12/2018 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 09/25/2017

Number of Days to Update: 62

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 10/16/2017

Next Scheduled EDR Contact: 01/29/2018 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 06/19/2015 Date Made Active in Reports: 07/15/2015

Number of Days to Update: 26

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 08/21/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/13/2017 Date Made Active in Reports: 07/14/2017

Number of Days to Update: 92

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/11/2017

Next Scheduled EDR Contact: 12/25/2017 Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

## STREET AND ADDRESS INFORMATION

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## **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

SHADY REST TRACT 33 CENTER STREET & 1699 TAVERN ROAD MAMMOTH LAKES, CA 93546

## **TARGET PROPERTY COORDINATES**

Latitude (North): 37.645364 - 37° 38' 43.31" Longitude (West): 118.971272 - 118° 58' 16.58"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 326084.3 UTM Y (Meters): 4168091.5

Elevation: 7871 ft. above sea level

## **USGS TOPOGRAPHIC MAP**

Target Property Map: 5637143 OLD MAMMOTH, CA

Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

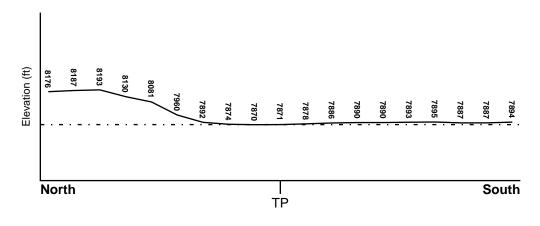
## **TOPOGRAPHIC INFORMATION**

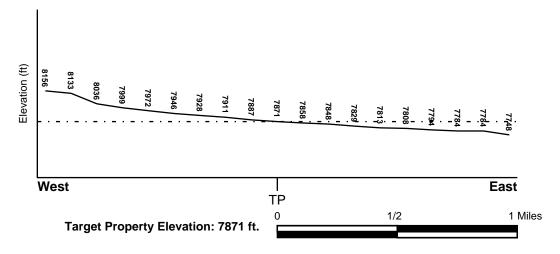
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### **FEMA FLOOD ZONE**

Flood Plain Panel at Target Property FEMA Source Type

06051C1388D FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

 0601940146B
 FEMA Q3 Flood data

 0607240002B
 FEMA Q3 Flood data

 06051C1389D
 FEMA FIRM Flood data

**NATIONAL WETLAND INVENTORY** 

NWI Quad at Target Property Data Coverage

OLD MAMMOTH YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles Status: Not found

## **AQUIFLOW**®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

## **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Cenozoic Category: Volcanic Rocks

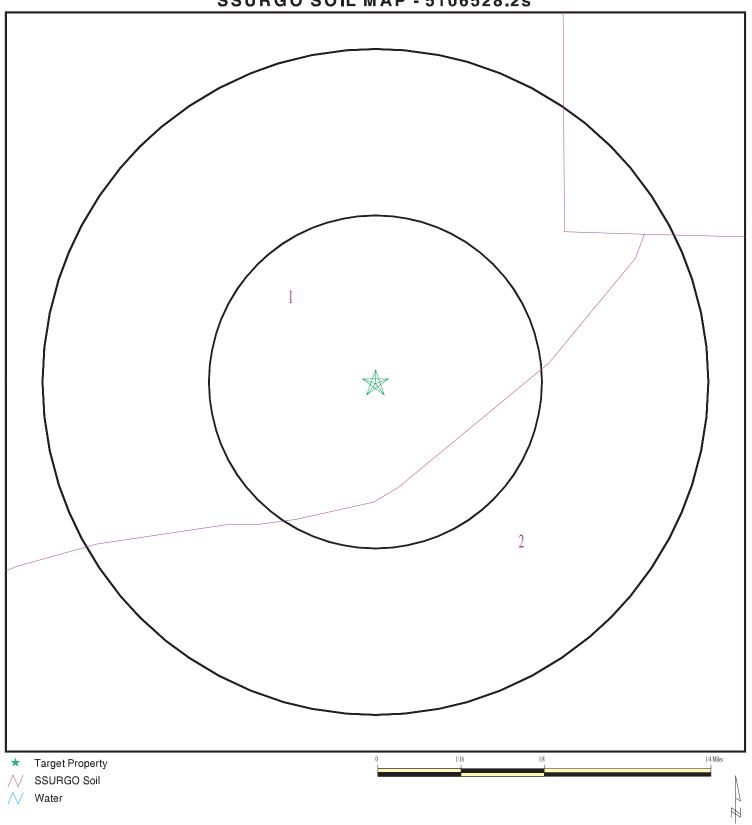
System: Quaternary

Series: Quaternary felsic volcanic rocks

Code: Qf (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# **SSURGO SOIL MAP - 5106528.2s**



SITE NAME: Shady Rest Tract
ADDRESS: 33 Center Street & 1699 Tavern Road
Mammoth Lakes CA 93546

LAT/LONG: 37.645364 / 118.971272 Michael Baker International

CLIENT: Michael Bake CONTACT: Jessica Ditto INQUIRY#: 5106528.2s

DATE: November 13, 2017 6:15 pm

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Chesaw family

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information									
Layer	Boundary			Classification		Saturated hydraulic			
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
1	0 inches	5 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 6 Min: 5.6		
2	5 inches	27 inches	very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141.14 Min: 42.34	Max: 6.5 Min: 6.1		
3	27 inches	59 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 6.5 Min: 6.1		

Soil Map ID: 2

Soil Component Name: Chesaw family

Soil Surface Texture: gravelly loamy sand

Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels. Hydrologic Group:

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information											
Layer	Boundary			Classification		Saturated hydraulic					
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)				
1	0 inches	5 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 5.6				
2	5 inches	27 inches	very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6.5 Min: 6.1				
3	27 inches	59 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 6.5 Min: 6.1				

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

## **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 0.001 miles

State Database 1.000

## FEDERAL USGS WELL INFORMATION

WELL ID	LOCATION FROM TP
USGS40000184388	0 - 1/8 Mile SW
USGS40000184361	1/4 - 1/2 Mile SE
USGS40000184320	1/2 - 1 Mile SSW
USGS40000184288	1/2 - 1 Mile SSW
USGS40000184477	1/2 - 1 Mile NW
USGS40000184375	1/2 - 1 Mile WSW
USGS40000184289	1/2 - 1 Mile SW
	USGS40000184388 USGS40000184361 USGS40000184320 USGS40000184288 USGS40000184477 USGS40000184375

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

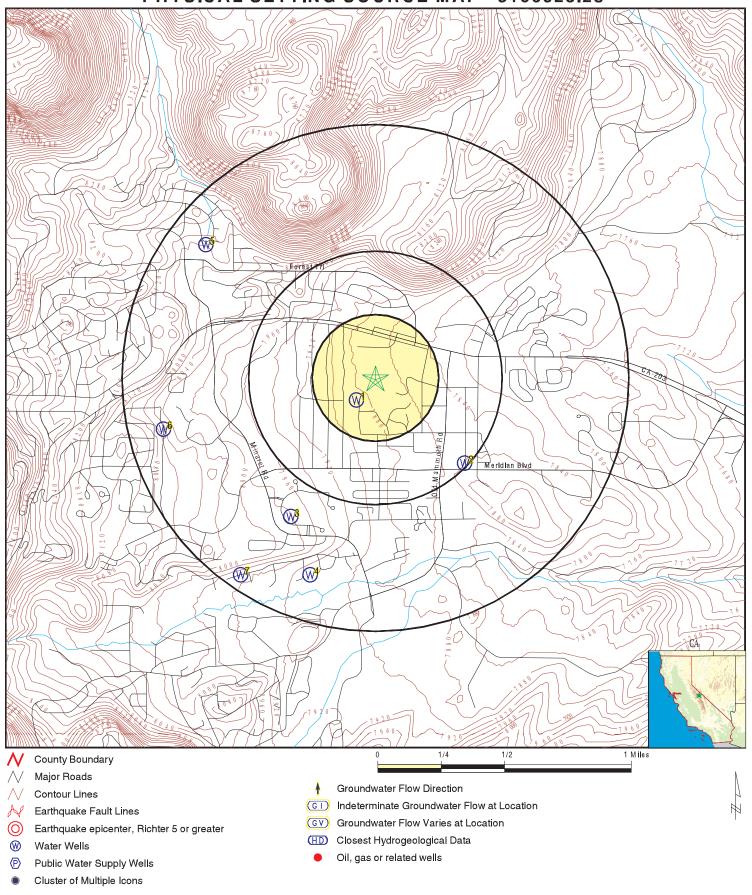
Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

## PHYSICAL SETTING SOURCE MAP - 5106528.2s



SITE NAME: Shady Rest Tract

ADDRESS: 33 Center Street & 1699 Tavern Road

Mammoth Lakes CA 93546 LAT/LONG: 37.645364 / 118.971272 CLIENT: Michael Baker International CONTACT: Jessica Ditto

INQUIRY #: 5106528.2s

DATE: November 13, 2017 6:15 pm

Map ID Direction Distance

Elevation Database EDR ID Number

0 - 1/8 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-373839118581801 Monloc name: 003S027E35E001M

Monloc type: Well

Monloc desc: IN FARRAR, WRI 85-4183.

18090102 Drainagearea value: Not Reported Huc code: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: 37.6441018 Contrib drainagearea units: Not Reported Latitude: Longitude: -118.9726343 Sourcemap scale: 62500 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 7880 Vert measure units: feet Vertacc measure val: 020

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 195610 Welldepth: 52 Welldepth units: ft Wellholedepth: 52

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

2 SE FED USGS USGS40000184361

1/4 - 1/2 Mile Lower

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-373826118575001 Monloc name: 003S027E35L001M

Monloc type: Well: Test hole not completed as a well

Monloc desc: FILLED WITH CEMENT AND CASING CUT 5 FT BLS LATE 90

Huc code: 18090102 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 37.6404906 Latitude: Longitude: -118.964856 24000 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 7860 Vert measure units: 6eet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported

Aquifer type: Not Reported

Construction date: 19871210 Welldepth: 1602
Welldepth units: ft Wellholedepth: 1610

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

3 SSW FED USGS USGS40000184320

1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-373815118583501 Monloc name: 003S027E34R001M

Monloc type: Well

Monloc desc: Not Reported

18090102 Huc code: Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 37.6374353 Latitude: Longitude: -118.977356 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 8000 Vert measure units: feet Vertacc measure val: 020

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 19770208 Welldepth: 600 Welldepth units: ft Wellholedepth: 600

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 1

Feet below Feet to Date Surface Sealevel

1977-02-08 230

SSW 1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-373803118583001 Monloc name: 004S027E03A001M

Monloc type: Well

Monloc desc: Not Reported

Huc code:18090102Drainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:37.6341021Longitude:-118.9759669Sourcemap scale:24000

**FED USGS** 

USGS40000184288

Horiz Acc measure: 1 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 8000 Vert measure units: feet Vertacc measure val: 20

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 19791123 Welldepth: 630 Welldepth units: ft Wellholedepth: 632

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

5 NW FED USGS USGS40000184477

1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-373905118585701 Monloc name: 003S027E34C001M

Monloc type: Well: Test hole not completed as a well

Monloc desc: FILLED WITH CEMENT AND CASING CUT 5 FT BLS LATE 90

Drainagearea value: Huc code: 18090102 Not Reported Contrib drainagearea: Drainagearea Units: Not Reported Not Reported 37.6529905 Contrib drainagearea units: Not Reported Latitude: -118.9834686 24000 Longitude: Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 8040 Vert measure units: Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode:

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 19880131 Welldepth: 1464 Welldepth units: ft Wellholedepth: 1535

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

6 WSW FED USGS USGS40000184375

1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-373833118590801 Monloc name: 003S027E34L001M

Monloc type: Well

Monloc desc: ALTITUDE FROM GPS PRECISE POSITIONING SYSTEM

Huc code:18090102Drainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:37.6424353Longitude:-118.9865234Sourcemap scale:24000

US

Horiz Acc measure: 1 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 8009 Vert measure units: Vertacc measure val: 8.2

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: Not Reported Welldepth: Not Reported Welldepth units: Not Reported Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

7 SW FED USGS USGS40000184289

1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-373803118584801 Monloc name: 004S027E03B001M

Monloc type: Well

Monloc desc: Not Reported

18090102 Not Reported Huc code: Drainagearea value: Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 37.6341022 Latitude: Longitude: -118.980967 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 8000 Vert measure units: feet Vertacc measure val: 20

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 19800913 Welldepth: 330 Welldepth units: ft Wellholedepth: 354

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

## AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93546	32	10

Federal EPA Radon Zone for MONO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MONO COUNTY, CA

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	1.850 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

### HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Department of Fish & Game

Telephone: 916-445-0411

### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

## OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## STREET AND ADDRESS INFORMATION

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## **MAMMOTH MOBILE**

CENTER ST MAMMOTH LAKES, CA 93546

Inquiry Number: November 20, 2017

# **EDR Site Report**™



## TABLE OF CONTENTS

The EDR-Site Report<sup>™</sup> is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section	n 1: Facility Summary
;	Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.
Section	n 2: Facility Detail Reports
,	All available detailed information from databases where sites are identified.
Section	n 3: Databases and Update InformationPage
	Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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## **SECTION 1: FACILITY SUMMARY**

FACILITY	FACILITY 1 MAMMOTH MOBILE CENTER ST MAMMOTH LAKES, CA 93546
AREA	EDR ID #S102432944
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility is a FUSRAP Site	NO
Facility is a UXO Site	NO
Facility is a FUELS Site	NO
Facility is an DockHWC/ECHO Site	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	YES - p4
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (SEMS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in other database records (OTHER)	YES - p5
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	2

## **SECTION 2: FACILITY DETAIL REPORTS**

#### **WASTE MANAGEMENT**

Facility has reported leaking underground storage tank incidents

**DATABASE: Leaking Petroleum Storage Tank Database (LUST)** 

MAMMOTH MOBILE CENTER ST MAMMOTH LAKES, CA 93546 EDR ID #S102432944

LUST Region 6V:

6V

Region: Case Number: Leak Record: 6B2600643T 7/18/1994 5/24/1994 Report Date: Not reported MAMMOTH MOBILE Reported By Address: Responsible Party:

Operator: Not reported Cross Street: Local Agency: HWY 203 26000 Regional Board: 6V Chemical: Diesel Case Type: Soil only Funding: Enforce Type: Not reported SEL How Found: OM

How Stopped: Cause of Leak: Not reported

UNK Leak Source: UNK

Global ID: T0605100023 Not reported 7/18/1994 Stop Date: Leak Confirm: Submit Workplan: Not reported Prelim Assess: Not reported Pollution Char: Not reported Not reported Not reported Not reported Not reported 9/2/1987 Remed Plan: Remed Action: Monitoring: Close Date: Discovered: Enforce Date: Not reported Review Date: GW Qualifier: 7/18/1994 Not reported Soil Qualifier: Not reported

MTBE class: Max MTBE Grnd Wtr: Max MTBE Soil: Not reported Not reported

MTBE Counts: MTBE Fuel: 0 NRQ MTBE Tested:

Organization Name: Not reported

Leak being confirmed Status:

Contact: Not reported Interim Action: Not reported Pilot Program: LUST

Lat/Long:

37.647189 / -118.9716418 Staff Initials: DF

Not reported Local Agency Local Agency Staff: Lead Agency:

Summary: Basin Number: Not reported LONG VALLEY (6-11)

Beneficial: Not reported Priority: UST Cleanup Fund ID: Not reported Not reported Suspended: Not reported Local Case Number: Not reported Not reported Amount: Abate Method: Not reported Water System: Not reported Well Name: Not reported 3378.819536 Distance: Wst Disch Regrmnt Global ID: Not reported Wst Disch Reqrmnt Name: Not reported

## **SECTION 2: FACILITY DETAIL REPORTS**

...Continued...

## **MULTIMEDIA**

Facility is listed in other database records

**DATABASE: Other Database Records (OTHER)** 

MAMMOTH MOBILE CENTER ST MAMMOTH LAKES, CA 93546 EDR ID #S102432944

HIST CORTESE:

Region: CORTESE
Facility County Code: 26
Reg By: LTNKA
Reg Id: 6B2600643T

## **SECTION 3: DATABASES AND UPDATE DATES**

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

#### DATABASES FOUND IN THIS REPORT

## CA LUST: Geotracker's Leaking Underground Fuel Tank Report Source: State Water Resources Control Board

Telephone: see region listings for the contact phone numbers
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the
Water Boards data management system for sites that impact, or have the potential to impact,

water quality in California, with emphasis on groundwater.

Date of Government Version: 09/11/2017 Date of Last EDR Contact: 09/12/2017 Database Release Frequency: Quarterly Date of Next Scheduled Update: 12/25/2017

CA L\_REG\_6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino

counties.

Date of Government Version: 06/07/2005 Database Release Frequency: No Update Planned Date of Last EDR Contact: 09/12/2011 Date of Next Scheduled Update: 12/26/2011

## **CA HIST CORTESE: Hazardous Waste & Substance Site List**Source: Department of Toxic Substances Control

Telephone: 916-323-3400

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

This listing is no longer updated by the state agency.

Date of Last EDR Contact: 01/22/2009 Date of Government Version: 04/01/2001 Database Release Frequency: No Update Planned Date of Next Scheduled Update: Not reported







## Department of Toxic Substances Control



Edmund G. Brown Jr. Governor

Barbara A. Lee, Director 8800 Cal Center Drive Sacramento, California 95826-3200

December 8, 2017

Danielle Regimbal
Michael Baker International
Danielle.Regimbal@mbakerintl.com

Public Records Act Number: 1-120717-03

Location: 161 Center Street & 3275 Main Street, Mammoth Lakes, CA

Dear Requestor:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files, we have found that no such records exist at this office pertaining to the sites/facilities referenced above.

We would like to inform you about EnviroStor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: <a href="http://www.envirostor.dtsc.ca.gov/public">http://www.envirostor.dtsc.ca.gov/public</a>. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, would like further information regarding your request or would like an appointment to visit Sacramento's Central Files, please contact me at (916) 255-3758.

Sincerely,

Katrina Waits

Regional Central Files

atrina Was





## **Lahontan Regional Water Quality Control Board**

September 30, 2013

James Nelson Nikolaus Transportation Inc. 1158 North Fork Trail Minden, NV 89423

# NO FURTHER ACTION REQUIRED FOR MAMMOTH MART, 3275 MAIN STREET, MAMMOTH LAKES, MONO COUNTY, UST CASE NO. 6B2600814T, UST CLEANUP FUND NO. 12622

This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tanks site are in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required. This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

Please contact our office if you have any questions regarding this matter.

PATTY Z. KOUYOUMDJAN EXECUTIVE OFFICER

Enclosure: Low Threat UST Closure Policy Checklist

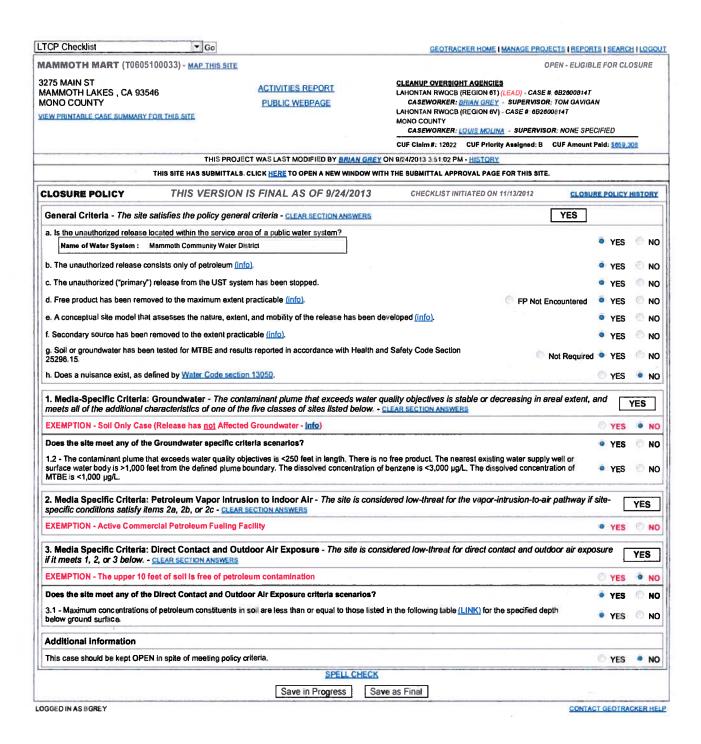
cc: Kenneth and Carole Sample TRS

Naomi Garcia, TEAM Engineering and Management, Inc.

UST Cleanup Fund, Lisa Babcock

BG/dg/T: Mammoth Mart NFAR

MAMMOTH MART Page 1 of 1



# REQUEST FOR CASE CLOSURE AND SEMI-ANNUAL GROUNDWATER MONITORING REPORT (SECOND AND THIRD QUARTER 2012)

## MAMMOTH MART UST SITE 3275 MAIN STREET MAMMOTH LAKES, CALIFORNIA

## **LUSTIS No. 6B2600814T**



PREPARED FOR NIKOLAUS TRANSPORTATION, INC.

PREPARED BY



ENGINEERING & MANAGEMENT, INC. Bishop and Mammoth Lakes, California



ENGINEERING & MANAGEMENT, INC.

Brian Grey
California Regional Water Quality Control Board - Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150

RE: REQUEST FOR CASE CLOSURE AND

SEMI-ANNUAL GROUNDWATER MONITORING REPORT,

(Second and Third Quarter 2012)

Mammoth Mart UST Site, LUSTIS: 6B2600814T

Dear Brian:

TEAM Engineering & Management, Inc. (TEAM) is pleased to forward the results of post-remediation groundwater monitoring activities conducted April through September 2012 in the vicinity of the Mammoth Mart UST Site (site), LUSTIS No: 6B2600814T.

Information provided in this report includes past and present groundwater analytical results for chemical compounds at the site, and groundwater level and gradient data. Data have been collected as a part of ongoing remediation and monitoring efforts at the site related to the April 1997 discovery of petroleum hydrocarbon impacted soils and groundwater.

Residual concentrations remain in the source area of the site, but monitoring data over fifteen years have indicated that these remaining concentrations do not pose a significant risk to downgradient receptors, human health or the environment. This site meets the criteria identified under the Low-Threat Underground Storage Tank Case Closure policy adopted by the State Water Resource Control Board in 2012.

On behalf of Nikolaus Transportation, Inc., we respectfully request that this site be considered for Case Closure at this time. A No Further Action Required Summary Form, with supporting documentation, has been provided as part of the enclosed report.

If you require additional information, please call us at your convenience.

Sincerely,

TEAM Engineering & Management, Inc.

Naomi Garcia

Senior Environmental Scientist

cc: Jim Nelson, Nikolaus Transportation, Inc.

J. Tim Hersch, California Professional Geologist, as an employee of TEAM Engineering & Management, Inc., has reviewed the report entitled "Request for Case Closure and Semi-Annual Groundwater Monitoring Report (Second and Third Quarter 2012), Mammoth Mart UST Site, 3275 Main Street, Mammoth Lakes, California, LUSTIS: 6B2600814T," dated October 12, 2012. His signature and stamp appear below.

J. Tim Hersch,

Professional Geologist #4082

October 12, 2012



## REQUEST FOR CASE CLOSURE AND

# SEMI-ANNUAL GROUNDWATER MONITORING REPORT (SECOND AND THIRD QUARTER 2012) MAMMOTH MART UST SITE LUSTIS No. 6B2600814T

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## REQUEST FOR CASE CLOSURE AND SEMI-ANNUAL GROUNDWATER MONITORING REPORT MAMMOTH MART UST SITE

## 1.0 EXECUTIVE SUMMARY

The following report summarizes post-remediation soil and groundwater monitoring data collected during the second and third quarter of 2012 at the Mammoth Mart UST site, and presents an argument for Case Closure. The essential elements of the report are the following:

- Semi-annual groundwater monitoring of site monitoring wells was conducted on July 12, 2012, and associated field and laboratory data are presented herein. Results are also presented from the limited post-remediation sampling conducted on May 30, 2012.
- Active remediation in the form of in-situ chemical oxidation (ISCO) was completed in August 2011. Post-remediation groundwater data have now been collected for four consecutive sampling events (August 2011, March 2012, May 2012, July 2012), demonstrating the effectiveness of the selected remedial technology in reducing dissolved-phase petroleum hydrocarbon mass in soil and groundwater beneath the site.
- Verification soil samples were collected during Mammoth Community Water District sewer replacement excavation in Center Street immediately adjacent to the Mammoth Mart source area. Observations during excavation activities and soil analytical results confirm residual soil contamination is limited to degraded petroleum hydrocarbons without the presence of benzene or MTBE. Soil results are provided.
- The State Water Resource Control Board formally adopted the *Low-Threat Underground Storage Tank Case Closure Policy* in 2012. The Mammoth Mart UST site meets the general and media-specific criteria described in the policy, and therefore is a candidate for Case Closure at this time.
- All volatile organic compounds identified in groundwater samples are within the Maximum Contaminant Levels (MCLs) as established by the State of California. MTBE and benzene have been non-detect in all site samples since 2005 and 2010, respectively.
- Water Quality Objectives (WQOs) established by the Lahontan Basin Plan are exceeded in three site monitoring wells for TPHg and in two wells for ethylbenzene and xylenes. Residual hydrocarbons above WQOs are anticipated to continue to attenuate to WQOs within a reasonable period of time which is protective of human health and beneficial uses of groundwater.

## 1.1 REQUEST FOR CASE CLOSURE

On behalf of Jim Nelson of Nikolaus Transportation, we hereby request Case Closure for the Mammoth Mart UST Site, 3275 Main Street (Hwy 203), Mammoth Lakes, California, UST Case No. 6B2600814T. Water quality beneath the site has been restored to the extent feasible, and now meets the criteria established by the updated Low-Threat UST Case Closure Policy. Following this section is a completed *No Further Action Required Summary Form* for the Lahontan Region, based on historic and current site data available to TEAM from October 1997 to the present.

# Underground Storage Tank No Further Action Required Summary Form

## Lahontan Regional Water Quality Control Board - Region 6

## **South Lake Tahoe Office:**

2501 Lake Tahoe Blvd.

South Lake Tahoe, CA 96150

1. Lahontan Regional Water Quality Control Board Contact

Case Worker: Brian Grey Phone: (530) 542-5421

## 2. Case Information

Lahontan UST Case #:	UST Cleanup Fund #		Geotracker Global ID #:
6B2600814T	12622		T0605100033
Site Name: Mammoth Mart	Site Name: Mammoth Mart UST site Site Address:		3275 Main Street,
(former Mobil Station)	Mammoth Lake		es, CA, 93546
Unauthorized Release Form Date:		County: Mono	
May 5, 1997		-	
Water Board Permits and Cleanup and Abatement Orders Issued:			
N/A			

## 3. Responsible Parties

Fee Title Owner(s): Sample Family	Operator(s): Nikolaus Transportation, Inc.	
Trust 03-05-98	Operator Address(es):	
Owner Address(es): Jim Nelson		
Kenneth & Carole Sample TRS	S 1158 North Fork Trail	
DBA Center Street Shell Minden, NV 89423		
685 Autumn Leaves Circle Phone: (775) 315-3527		
Bishop, CA 93514 Email: nelsoncreekhouse@aol.com		
Designated Responsible Party: Jim Nelson, Nikolaus Transportation, Inc.		

## 4. Notifications

Was fee title ownership confirmed through county assessor's office (date)? Yes,
(9/21/2012)
How was fee title owner notified? Direct communication with Ken Sample, Jr.
regarding remediation and intent to request case closure. No formal notification.
Does contamination extend off-site? Yes, extends into Center Street
If yes, how and when were affected off-site property owners notified? Town of
Mammoth Lakes and Mammoth Community Water District are aware of current
investigation. No formal notification.
Comments: Formal notification is anticipated to be conducted by RWQCB.

## 5. Unauthorized Release Description

Type of product released (e.g. gasoline, diesel): Gasoline		
Primary source/release mechanism: Leaking USTs from former Mobil Station on site.		
Release discovery description: In April 1997, the Mammoth Mobil Station was		
conducting UST replacement activities. Soil samples collected from beneath the former		
UST locations indicated petroleum hydrocarbon contamination. Approximately 300		

yards of contaminated soil and 500 gallons of impacted groundwater were removed from tank pit prior to installation of new, double-walled USTs in 1997. Additional hydrocarbon impacted soils were discovered and excavated (nearly 1,500 cubic yards) from adjacent areas of Center Street in 2001 by the Town of Mammoth Lakes.

Comments: Site was operated as an active fueling station prior to Nikolaus Transportation's operation of the site, and subsequently/currently as the Center Street Shell. Additionally, potential up-gradient sources exist including the Mammoth Chevron UST site directly north of the site. Soil contamination identified in 2001 was not conclusively indicative of the Mammoth Mart site; therefore potential for co-mingled plumes exists.

## 6. Site Characterization Information

Site Location (describe general site area, e.g., located in a commercial area) and Site Land Use (current and any known planned use of the site): The subject site is located at 3275 Main Street (Highway 203) in a commercial area in downtown Mammoth Lakes and is currently a Shell Gas station and Mini Market under new ownership. There are no existing plans to change the use of the site. Adjacent and down-gradient properties are fully developed, and land use is not anticipated to change in this area of downtown Mammoth Lakes.

Unsaturated Zone Characterization (soil/rock type, thickness, COC (mg/kg), extent of impacts, etc.): Soils on site consist primarily of sands and gravels with groundwater levels ranging from 12 to 26 feet bgs. Maximum petroleum hydrocarbon concentrations in soil identified in April 1997 were as follows (in mg/kg): Benzene 0.046, Toluene 6.5, Ethylbenzene 9.7, Xylenes 87, Gasoline Range Organics 1,100. Maximum petroleum hydrocarbons observed in January 2001 in the down-gradient area were as follows (in mg/kg): Benzene Non-Detect (ND) < 0.05, Toluene 8.4, Ethylbenzene 9.6, Xylenes 59, MTBE 0.007, Gasoline Range Organics 960, Diesel Range Organics 40. Maximum petroleum hydrocarbons observed in August 2012 down-gradient of the source-area were as follows (in mg/kg): Benzene ND, Toluene ND, Ethylbenzene 5.3, Xylenes 41, MTBE ND, Gasoline Range Organics 960, Diesel Range Organics 0.9. These soil concentrations identified in 2012 are considered to be representative of the maximum concentrations remaining in soils, and were collected at depths of 6-7 feet bgs between the primary source-area (MW-4) and down-gradient monitoring well MW-8. The extent of impacted soils remaining is expected to be limited to areas beneath the gas station and Center Street which preclude additional excavation.

If release involved gasoline, was unsaturated zone sampled for MTBE? Yes, site soils were analyzed for MTBE and other fuel oxygenates in January 2001 and also in August 2012. Maximum MTBE concentrations observed in January 2001 were at 14 ft bgs down-gradient of the former source area (boring TP1) at a level of 0.007 mg/kg. MTBE was ND < 0.125 mg/kg in the sample from 17 feet bgs and in the 10 and 17 foot depth of TP2. August 2012 soil samples from Center Street excavation were non-detect (<0.05-0.5 mg/kg) for MTBE at depths of 6-7 ft bgs, where maximum VOCs were observed in the excavation trench.

Saturated Zone Description (soil/rock type, groundwater basin, relationship to water supply aquifer, beneficial uses etc.): Soils on site consist primarily of sands and gravels with groundwater levels ranging from 12 to 26 feet bgs. Groundwater levels vary significantly across the site indicating heterogeneous subsurface conditions and possible fractured bedrock. The water supply aquifer beneath the site is the Mammoth Groundwater Basin, and is pumped by Mammoth Community Service District at depths of 400-500 feet bgs. The basin extends from near Mammoth Mountain Ski Lodge in the west, through the areas of Old Mammoth and Mammoth Lakes, on eastward

past the Casa Diablo Hot Springs and Hot Creek fish hatchery. Both surface and groundwater enter the groundwater basin area from the north, west, and south. Beneficial uses of groundwater beneath the site include domestic/municipal supply to the Town of Mammoth Lakes. No municipal supply wells exist down-gradient of the subject site. The nearest groundwater supply well is more than 2,000 feet west and up-gradient from the site.

Depth to groundwater and groundwater fluctuations (include minimum and maximum depth to groundwater with dates of measurements and any seasonal or long-term groundwater fluctuations): Maximum DTW: 28.11 (10/8/02), minimum DTW: 9.55 (5/4/09). Major seasonal fluctuations in three site wells (MW-4, MW-5, MW-7) with moderate seasonal fluctuations in other site wells. Distinct trough in center of site, extending west-east, where groundwater elevations in MW-4, MW-5, MW-8 are often 10-15 feet deeper than in up-gradient well MW-6 on the north edge of site and in well MW-3A immediately south of source-area well MW-4.

**Groundwater flow direction or range of directions:** Flow direction varies significantly across the site, ranging from northeast to southeast with a localized southwest flow direction observed seasonally. Remaining petroleum hydrocarbons are limited to a narrow east-west band in the center of site, represented by monitoring wells MW-4, MW-5 and MW-8. Flow appears to be confined by subsurface anomalies which limit the communication between monitoring wells.

Most recent groundwater COC concentrations (μg/L) (include date of sampling): Total petroleum hydrocarbons (GRO range) in groundwater were identified at concentrations ranging from 1900 ug/L to 3100 ug/L in wells MW-4, MW-5 and MW-8 in July 2012. Benzene and MTBE have been non-detect in groundwater samples since July 2010. Other residual COCs in groundwater identified in July 2012 include maximum concentrations (in ug/L) of the following: Toluene 5.3, Ethylbenzene 210, Xylenes 19. All concentrations are within MCLs; the WQO is exceeded only for TPHg based on the taste-and-odor thresholds established in the Lahontan Basin Plan.

Lateral and vertical extent of groundwater contaminant plume during most recent groundwater sampling event: The lateral extent of the remaining plume of dissolved petroleum hydrocarbons is limited to a narrow band represented by wells MW-4, MW-5, and MW-8, with a lateral extent estimated to be no more than 40 feet wide by 300 feet long. The vertical extent of the residual dissolved plume is estimated to be 8 feet (22 to 30 feet bgs)

**Comments:** Concentrations of residual petroleum hydrocarbons in down-gradient well MW-8 have been decreasing consistently over time and as a result of recent ISCO remediation in 2010 and 2011. Additionally, geochemical indicators have been monitored for the past 4 years, which demonstrate biodegradation processes to be active in reducing hydrocarbon mass over time. The remaining dissolved plume has been demonstrated to be stable in size, decreasing in concentration, and limited to degraded hydrocarbons with benzene and MTBE absent for six consecutive sampling events.

## 7. Water Supply Wells and Surface Water

**Is the region served by a municipal or community water district?** Yes, Mammoth Community Water District

If yes, provide the approximate distance to nearest municipal or community water supply well: MCWD well #17 is more than 2,000 feet to the west (up gradient)

If no, are there any domestic or other water supply wells within 1,000 feet of the site? No

Were water supply wells affected? Not tested, none in vicinity or down-gradient If yes, describe:

Name of and distance to nearby surface water: Murphy's Gulch, seasonal surface water adjacent to site to south and southwest across Center Street, only flows during seasonal snowmelt events. No other surface water bodies exist in the vicinity.

Were COCs detected in surface water? No

If yes, describe: N/A

**Comments:** Only ephemeral surface water exists near the subject site. Three surface water locations (Murphy's Gulch and storm drains) were sampled in 1998, all were non-detect for petroleum hydrocarbons.

## 8. Free Product

## Was floating free product encountered? Yes

## If yes:

**Date and location of last free product encountered:** No measureable LNAPL, but sheen was observed in source area wells (MW-4 and MW-5) as recently as September 2010.

**Total volume recovered:** Not calculated. LNAPL was removed during normal groundwater purging and overpurging. Also was oxidized in-place by recent ISCO remediation.

Was floating free product recovered to the extent practicable? Yes. Sheen has not been observed in site wells in more than 2 years.

## **Comments:**

## 9. Monitoring and Remediation Well Summary

Number of wells	Type (monitoring, SVE, etc.)	Screen Interval (feet bgs)	Number of Wells Remaining	
10	Monitoring	5-30 (varies)	9	
Comments:				

## 10. Soil Remediation

Method(s) and duration of each method: April 1997, over-excavation.		
Quantity treated/removed: 300 cubic yards (1997), 1,500 cubic yards (2001), additional unknown amount removed in 2012 by MCWD.	<b>Disposal location:</b> Bishop-Sunland Landfarm in Inyo County (1997, 2001), 2012 unknown	
Comments:		

## 11. Groundwater Remediation

**Method(s) and duration of each method:** 2004-2005 over-purging of impacted wells. In-situ chemical oxidation of site wells MW-4 and MW-5 from April 30 to June 30, 2010 and April 26 to August 15, 2011. Monitored natural attenuation between and subsequent to active remedial action events.

Quantity treated/contaminants removed:	Disposal location:	
not calculated, primarily in-situ treatment	Purged groundwater disposed of off-site	
	at various disposal facilities	
Comments: In-situ Chemical Oxidation was implemented in existing source-area wells,		

with the sequential injection of ozone and hydrogen peroxide as part of APT Water's patented PulseOx system.

## 12. Electronic Deliverable Format Submission

Have electronic data reporting requirements been met	? Yes
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## 3. Rationale for No Further Action

Potential for Site COC to Affect Water Supply Wells and Surface Water (e.g.: extent of contamination, plume stability, time to reach background concentrations, proximity and interconnection of impacted groundwater to water supply aquifer, etc.):

The primary source of petroleum hydrocarbons on site, leaking USTs and/or piping, were removed in April 1997. The residual hydrocarbon plume has been delineated and is stable or shrinking in magnitude and extent. The secondary source on site consists of hydrocarbon stained soils. Groundwater from the site monitoring wells did not exceed any MCLs in recent monitoring events (May and July 2012). The nearest supply well is more than 2000 feet west of the site in an up-gradient direction, and no domestic supply wells exist or are foreseeable in the down-gradient direction, as the Town of Mammoth is served by a municipal water system. Only highly localized adverse affects to shallow groundwater are noted at the site, and those remaining are heavy-end, degraded hydrocarbons in the TPH range. Benzene and MTBE have been absent from all site wells for six consecutive sampling events and consistently during the post-remediation monitoring period. Those residual hydrocarbons that do remain in groundwater will naturally attenuate over time and are not negatively affecting the beneficial uses of groundwater in the area. Surface water is absent in the vicinity of the site with the exception of the Murphy Gulch seasonal snowmelt run-off, which has been observed to recharge the groundwater.

Potential for UST COC to Affect Indoor Air (location of buildings relative to shallow contamination, groundwater COC concentrations, results of soil vapor monitoring, etc): Satisfaction of the media-specific criteria for petroleum vapor intrusion to indoor air is not required at active commercial petroleum fueling facilities. However, based on groundwater and soil samples collected in 2012, the site would meets the low-threat closure guidelines for vapor intrusion based on lack of benzene concentrations in groundwater, depth to groundwater and availability and size of a vadose-zone bioattenuation vapor buffer with the requisite low-level TPHq concentrations.

Potential for Direct Contact with UST COC (are COC present in shallow soils? Is the site paved, etc.):

The entire site and the down-gradient street and commercial area are paved. In addition, residual soil concentrations of benzene and ethylbenzene are well below the thresholds established for volatilization to outdoor air or for exposure to utility workers.

## Additional Factors Supporting NFAR:

The site itself is located in a commercial area of downtown Mammoth Lakes with a number of current and former leaking USTs sites. Site conditions meet low threat closure criteria for groundwater, vapor intrusion, and direct contact. The primary source was removed in 1997, and due to remedial activity as well as natural attenuation, groundwater concentrations on site are decreasing over time. Further remedial activity is not economically feasible or warranted given the low threat nature of the site. Case closure of the site would not adversely impact the protection of human health and the environment.

## List of acronyms that may have been used in this form:

BTEX – benzene, toluene, ethylbenzene, and total xylenes bgs - below ground surface

COC – constituents of concern

DIPE - di-isopropyl ether, DPE - dual phase extraction DTW – depth to water

ETBE - ethyl tertiary butyl ether

GAC – granular activated carbon

MCL - maximum contaminant level

MTBE - methyl-tert-butyl ether mg/kg - milligrams/kilogram

NA - not applicable
NFAR – No further action required

NS - not sampled

PAH - polycyclic aromatic hydrocarbon

ppmv - parts per million by volume

SVE – soil vapor extraction

TAME - tertiary amyl methyl ether

TBA - tertiary butyl alcohol '

TPH - total petroleum hydrocarbons
TPHd – TPH, diesel range
TPHg - TPH, gasoline range
TPHmo – TPH, motor range

UST – underground storage tank

μg/L – micrograms/liter

## 2.0 SITE BACKGROUND

The subject site is the former Mammoth Mart service station, located at 3275 Main Street (Hwy 203), Mammoth Lakes, California. The service station, formerly operated by Nikolaus Transportation, Inc., is currently operated by Inyo Crude Oil, Inc. as Center Street Shell. Nikolaus Transportation, Inc. is named as the Responsible Party (RP) for the investigation and clean-up associated with underground gasoline storage tanks (USTs) at the facility, under California Regional Water Quality Control Board – Lahontan Region (Board) LUSTIS Number 6B2600814T.

This report describes activities conducted by TEAM Engineering & Management, Inc. (TEAM) on the subject site from April through September 2012.

## 2.1 SITE HISTORY

Three underground storage tanks (USTs), piping and dispensers were removed from the site on April 24, 1997; including one 10,000 gallon UST (unleaded gasoline), one 8,000 gallon UST (regular gasoline) and one 2,000 gallon UST (super unleaded gasoline). Soils and groundwater impacted by petroleum hydrocarbons were encountered during UST replacement activities. Total volatile fuel hydrocarbons, as analyzed by EPA Method 8015, were reported in soil samples in concentrations ranging from 1.1 milligrams per kilogram (mg/kg) to 1,100 mg/kg, and in groundwater samples at concentrations up to 9.1 mg/L. Benzene, by EPA Method 8020, was not identified in soil samples, but was reported at concentrations of up to 24  $\mu$ g/L in two groundwater samples. Toluene, ethylbenzene and xylenes were also identified.

In a letter dated May 5, 1997, the Mono County Health Department referred the case to the Lahontan Board due to suspected impact to groundwater. The Board requested a work plan for site characterization in their letter dated May 29, 1997.

Reportedly, monitoring wells MW-1, MW-2 and MW-3 were installed during UST replacement and backfill activities (1997) by a general contractor, Larry Blain. According to the information available, these monitoring points were not constructed using standard monitoring well methods. Two of these original wells, MW-1 and MW-2, exist as 4-inch PVC wells to a total depth of approximately 15.5 feet below ground surface (ft bgs) and with screen interval of 5 to 10 ft bgs. During well re-development activities in May 2009 a camera survey was conducted on MW-1 and MW-2 to determine screen intervals and total depth. The corrected screen interval is presented in Table 1. MW-3, completed to a depth of only 10 ft bgs, was abandoned and replaced with MW-3A to a depth of 30 ft bgs.

PIC Environmental Services (PIC) was retained by Nikolaus Transportation and conducted the subsurface investigation and groundwater monitoring activities from 1998 to 2007. Four monitoring wells (MW-4, MW-5, MW-6 and MW-7) were installed on the site in 1998. These wells were constructed as 2-inch monitoring wells with total depths of 28, 29.2, 26.6 and 27.5 ft bgs, respectively (PIC, 2007b).

In January 2001, soil impacted with both gasoline and diesel was encountered by Town of Mammoth Lakes' consultants in off-site test pits to the east and northeast of the site. Based on the concerns that the source of contamination may be attributed to the subject site, the Board requested an additional offsite investigation. In August 2001, one onsite and three offsite wells were installed and added to the site groundwater monitoring program. Onsite well MW-3A, adjacent to and replacing the original MW-3,

was completed to approximately 30 ft bgs. Offsite wells MW-8, MW-9 and MW-10 were installed on Center Street to the east, southeast and south-southwest, respectively. MW-8, MW-9 and MW-10 were completed to depths of approximately 30, 29 and 25 ft bgs, respectively. Elevated concentrations of petroleum hydrocarbons were identified in MW-8 to the east of the site.

According to a review of available data and correspondence, the extent to which the Mammoth Mart UST site may have impacted the Town of Mammoth Lakes test pits was never determined conclusively. The nature of the petroleum hydrocarbons encountered (i.e. diesel), the off-gradient locations, and potential influence from "city waterline leaks upstream" all contraindicate the subject site as the sole source of contamination (Mono County, 2009).

Remediation at the site conducted by PIC consisted of excavation during UST replacement (1997) and over-purging of impacted wells by use of a vacuum truck (2005). Groundwater monitoring was conducted by PIC from October 1997 to July 2007. Based on directives from Board staff (Victorville office), PIC submitted a Request for Closure report dated August 31, 2007.

The request for site closure was not responded to by Board staff until site oversight was transferred to the South Lake Tahoe offices of the Lahontan region. The response letter, dated October 30, 2008 and entitled "Status of Closure Review with Additional Monitoring Requirement and Request for Corrective Action Plan, Mammoth Mart, 3275 Main Street, Mammoth Lakes, Mono County, UST Case #6B2600814T," denied case closure and requested the following: a) quarterly groundwater monitoring be resumed at the site; b) a corrective action plan be prepared and submitted by December 15, 2008; and c) recommendations be developed for additional site investigation and remediation, as necessary to restore groundwater quality beneath the site.

On November 5, 2008, TEAM was retained by Nikolaus Transportation, Inc, to meet Board directives. On December 9, 2008, Jim Nelson of Nikolaus Transportation, Inc. and TEAM personnel met with Board staff in South Lake Tahoe to discuss the status of the site and future actions necessary to maintain regulatory compliance. Since November 2008, TEAM has been the environmental consultant on site.

Following the December 9, 2008, meeting between Board Staff, Nikolaus Transportation and TEAM personnel, on December 15, 2008, TEAM submitted a letter to Board staff on behalf of Nikolaus Transportation, Inc., outlining proposed environmental activities at the site and requesting that the requirement of a Corrective Action Plan be deferred to allow for appropriate assessment of historic site data, current site conditions, and potential remedial technologies (TEAM, 2008). TEAM initiated quarterly monitoring on site in First Quarter 2009 (TEAM, 2009a).

On July 20, 2009 the Board notified Nikolaus Transportation of a reduction in groundwater monitoring and reporting frequency, from quarterly to semi-annual as determined by State Board Resolution 2009-0042 (Board, 2009).

On March 19, 2010, TEAM submitted a plan for an interim remediation pilot test to be conducted in two source-area monitoring wells from April to June 2010 (TEAM, 2010b). An In-Situ Chemical Oxidation system (ISOC) was installed in the two source-area monitoring wells, MW-4 and MW-5, where hydrogen peroxide, ozone and oxygen were injected directly to the subsurface using APT Water's Pulse-Ox P100 system and patented in-situ reactors. The results of the initial interim remediation/pilot test conducted April 30 through June 30, 2010, including post-remediation sampling on July 7, 2010, were provided to the Board in a report dated July 28, 2010 (TEAM, 2010c). Recommendations provided in that report included additional post-remediation sampling in September and a shift of the semi-annual sampling and

reporting schedule. These recommendations were accepted by Board staff.

From April 26 to August 15, 2011, a second round of ISOC remediation was conducted at the site, as proposed by TEAM and as approved by Board staff (RWQCB, 2011). Field parameters and a midremediation (June 29, 2011) groundwater sample were collected from down-gradient well MW-8 during the interim treatment period.

Post-remediation groundwater samples were collected during the semi-annual groundwater monitoring events conducted August 2011, March 2012, May 2012 and July 2012.

#### 2.2 ENVIRONMENTAL SETTING

The subject site is located in a fully developed, commercial area of the Town of Mammoth Lakes in the eastern portion of the Sierra Nevada Mountains within the Inyo National Forest. This site is located west of the Owens Valley and approximately 12 miles west of Crowley Lake. The elevation of the site is approximately 7,843 feet (2,391 meters) above sea level; the surrounding topography slopes to the east. Fractured volcanic bedrock and subsurface faulting has been observed at other sites in the vicinity.

No year-round surface bodies exist near or within 1,000 feet of the Mammoth Mart site. An ephemeral snowmelt stream known as Murphy's Gulch is observed immediately adjacent to the site to the south and southeast of Center Street during runoff periods, where it also intersects the Town's storm drain system. 2.2.1 Town of Mammoth Lakes Groundwater Supply Wells

2. The Town of Mammoth Lakes is served by the Mammoth Community Water District (MCWD) using existing groundwater supply wells; no groundwater supply wells are anticipated to be constructed within the Town limits in the foreseeable future. The nearest municipal water supply well (MCWD well #17) is more than 2,000 feet to the west (up gradient) of the site. No municipal or domestic supply wells exist within 1,000 feet of the site or in a down-gradient direction.

#### 2.3 GEOLOGY AND HYDROGEOLOGY

During subsurface investigations at the site, including well logging during monitoring well installation, a combination of sands, gravels, boulders and volcanic rock were encountered (PIC, 2005). Groundwater at the site has varied between 9.5 and 28 ft bgs. Groundwater levels beneath the site have shown a combination of seasonal and lateral variability. A hydrograph of groundwater elevations, as measured from 2000 to 2007 by PIC Environmental, and from November 2008 and thereafter by TEAM, is provided as Figure 5.

Based on site groundwater level data and data from nearby UST sites, the general groundwater flow gradient is to the south. However, disparities in head measured at the site indicate heterogenous subsurface conditions may impede this general groundwater flow across the site. Groundwater elevations measured in wells MW-4, MW-5 and MW-8 have consistently been significantly lower than groundwater elevations measured in MW-1, MW-2, MW-3A and MW-6 (Figures 3 and 4). Also, some wells have shown significant seasonal variability (MW-3A, MW-4, MW-9) while others display less variability.

The groundwater level data at the site appear to be influenced by both significant fluctuations related to seasonal recharge from snowmelt and to be influenced by localized subsurface lithologic anomalies. Perhaps the underlying soil zone consisting primarily of glacial till is relatively thin and deposited unevenly on an irregular surface of fractured volcanic rock. Subsurface faulting, fractured bedrock, or

glacial till zones of variable thickness beneath the site may be responsible for the heterogenous conditions observed on site.

The groundwater data collected onsite combined with the location and limited extent of the residual hydrocarbon plume appear to indicate that groundwater flow is influenced and inhibited by these localized anomalies. Groundwater levels at MW-6 and MW-1, MW-2 and MW-3A (immediately north and south of the residual contamination on site) are consistently higher than groundwater levels at MW-4, MW-5 and MW-8. In addition since 2008, groundwater from MW-1, MW-2, MW-3A and MW-6 have either been non-detect or had very low levels of petroleum hydrocarbon contamination compared to groundwater from MW-4, MW-5, and MW-8. Therefore, site data appears to indicate that the residual contamination on site is influence by a localized hydraulic gradient along a west-to-east axis.

#### 2.4 PETROLEUM HYDROCARBONS IDENTIFIED IN SOIL SAMPLES

During UST removal at the site in 1997, soil samples were collected from the UST pit (in the vicinity of MW-1 and MW-2). Maximum petroleum hydrocarbons concentrations, as analyzed by EPA Method 8015, were reported as follows (in mg/kg): benzene 0.046, toluene 6.5, ethylbenzene 9.7, xylenes 87, gasoline range organics 1,100.

In January 2001, soil impacted with both gasoline and diesel was encountered by Town of Mammoth Lakes' consultants in off-site test pits to the east and northeast of the site (in the vicinity of future MW-8) with maximum concentrations of petroleum hydrocarbons as follows (in mg/kg): benzene ND < .05, toluene 8.4, ethylbenzene 9.6, Xylene 59, MTBE 0.007, TPHd 40.5, and TPHg 960. Documentation and correspondence related to the 2001 soil excavation activities are provided as Appendix A.

In August 2001, three offsite wells were installed and added to the site groundwater monitoring program. Offsite wells MW-8, MW-9 and MW-10 were installed on Center Street to the east, southeast and south-southwest, respectively. Soils were logged and soil samples collected from this well installation event. Maximum hydrocarbon concentrations from this event were encountered at 10 ft bgs at MW-8 with concentrations as follows (in mg/kg): benzene 0.045, toluene 1.4, ethylbenzene 0.67, xylenes 3.9, MTBE ND, TPHg 10.

In August 2012, Mammoth Community Water District conducted sewer replacement excavations in Center Street immediately east and south of the Mammoth Mart source area. Petroleum hydrocarbon stained soils were encountered in the area between MW-4 and MW-8. Soil samples collected from approximately 6 to 7 ft bgs and analyzed using EPA Method 8260 contained maximum concentrations as follows (in mg/kg): benzene < 0.49, toluene ND < 0.49, ethylbenzene 5.3, xylenes 41, MTBE ND < 0.49, gasoline range organics 960, diesel range organics 0.9, motor-oil range organics 0.3. Laboratory analytical results from soil samples collected in August 2012 are provided as Appendix B.

#### 2.5 POTENTIAL FOR CO-MINGLED PLUMES

Due to the presence of several former or active UST sites in the area of the site, and the documented seasonal shifting of groundwater flow directions, the potential for co-mingled residual plumes exist at this site which may further inhibit the remediation of soils and groundwater to background levels. The overall flow direction in the area, based on data from other sites in the area, indicates a southern-southeasterly flow. Across the street to the north is a Chevron Service Station which is currently undergoing active cleanup of petroleum hydrocarbons in groundwater. Other active and former LUST

sites exist in the area, in addition to a former dry cleaner site and other industrial uses on Center Street and the Main Street corridor. Seasonally, during snowmelt events, site groundwater and monitoring wells have been observed to be affected by surface runoff which is likely contaminated with various hydrocarbons and other compounds.

Further, the soil samples collected in 2001 as part of the Town of Mammoth Lakes excavation activities indicated a significant fraction of hydrocarbons in the diesel range. No diesel fuel had been stored or used on the Mammoth Mart site during operation of the facility by Nikolaus Transportation, so the presence of diesel range organics indicate additional source(s) may be present (e.g. historic operation of the site or up-gradient sites).

#### 3.0 REMEDIATION SUMMARY

#### 3.1 SOIL EXCAVATION

Gasoline contaminated soils were discovered in April 1997 during UST removal at the site. In May 1997, excavation and offsite disposal of approximately 298 cubic yards of hydrocarbon stained soils occurred in the immediate vicinity of the former USTs. In 2001, the Town of Mammoth Lakes encountered stained soils to the east and northeast of the site. Approximately 1,497 cubic yards of soil were excavated, removed from the site, and documented to be disposed of at the Bishop-Sunland Landfarm in Inyo County. Finally, in 2012, the Mammoth Community Water District conducted sewer maintenance work in Center Street, encountering hydrocarbon stained soils in the vicinity of MW-8. An unknown quantity of impacted soil was removed during this event.

In total, approximately 1,800 cubic yards of hydrocarbon soil were excavated and removed from the site in 1997-2001, with additional soils excavated from beneath Center Street in August 2012.

#### 3.2 GROUNDWATER REMOVAL AND OVER-PURGING

In May 1997, 500 gallons of impacted groundwater was pumped out of the excavated UST pit and properly disposed of offsite. Additional groundwater remediation occurred in 2005 with over-purging by vacuum truck of 10 site wells (MW1-10) by use of a vacuum truck. Approximately 352 gallons were removed from site wells during this over-purging event, in addition to volumes removed during normal groundwater sampling events. All purged groundwater was removed from the site and disposed of at authorized disposal facilities.

#### 3.3 IN-SITU CHEMICAL OXIDATION

From April 30 to June 30, 2010, an In-Situ Chemical Oxidation system (ISOC) was installed in the two source-area monitoring wells, MW-4 and MW-5, where hydrogen peroxide, ozone and oxygen were injected directly to the subsurface using APT Water's Pulse-Ox P100 system and patented in-situ reactors. Details of this remediation event are found in the third quarter 2010 site report. In summary, approximately 105 gallons of 25 percent hydrogen peroxide was injected over the 62-day remediation period split between MW 4 and MW-5. Both wells were treated with ozone for approximately 640 hours and treated with compressed air for 640 hours. The ozone injections at the two wells totaled more than 62 pounds of ozone. Field parameters were taken at down-gradient well MW-8, and off gradient well MW-3A during this remediation event and showed an increase in dissolved oxygen during the treatment period. BTEX and TPHg concentrations in MW-4 and MW-5 decreased significantly from April 6, pretreatment, to July 7, post treatment. The treatment system was especially effective at lowering BTEX concentrations in the two source-area wells.

From April 27 through August 15, 2011, a second, longer round of ISOC remediation was conducted at the site, once again in MW-4 and MW-5. Details of this remediation event are found in the third quarter 2011 site report. In summary, approximately 275 gallons of 25 percent hydrogen peroixde was injected over the 110-day remediation period split between MW 4 and MW-5. Both wells were treated with ozone for approximately 1,250 hours and treated with compressed air for 1,250 hours. The ozone injections at the two wells totaled more than 240 pounds of ozone. Field parameters were taken at down-gradient well MW-8, and off gradient well MW-3A during this remediation event and showed an increase in dissolved oxygen during the treatment period. BTEX and TPHg concentrations in MW-4 and MW-5 decreased

significantly from March 8, pre-treatment, to August 31, post treatment. The treatment system was especially effective at lowering BTEX concentrations in the two source-area wells.

#### 3.4 MONITORED NATURAL ATTENUATION

Geochecmical indicators in groundwater, including: dissolved oxygen, ORP, nitrate, sulfate, ferrous iron, methane, carbon dioxide, biologic oxygen demand and chemical oxygen demand; have been collected from key site wells from October 2009 through May 2012. These data, summarized in Table 4, have been monitored to assess natural biodegredation processes beneath the site, to evaluate the selected remedial technology and its effects on the groundwater beneath the site, and finally to assess post-remediation conditions and the continued viability of biodegredation processes to continue to reduce hydrocarbon mass in the absence of further active remediation.

As shown on Table 4, various biodegredation processes have been documented to be active in groundwater beneath the site. The evaluation of these processes are further discussed in section 4.5.

#### 4.0 POST-REMEDIATION GROUNDWATER MONITORING

On May 30, 2012, TEAM collected groundwater elevation data and samples from eight monitoring wells (MW-1, MW-2, MW-3A, MW-4, MW-5, MW-6, MW-7 and MW-8). MW-10 had inadequate water present to measure water levels or collect a sample. MW-9 was inaccessible. Sampling data and laboratory reports are included in Appendix C and D, respectively.

On July 12, 2012, TEAM collected groundwater elevation data and samples from seven monitoring wells (MW-1, MW-2, MW-3A, MW-4, MW-5, MW-6 and MW-8). MW-7 and MW-10 were either dry or had inadequate groundwater present to collect a sample. MW-9 was inaccessible. Sampling data and laboratory reports are included in Appendix C and D, respectively.

#### 4.1 GROUNDWATER LEVELS AND HYDRAULIC GRADIENT

Before sampling at each well, the static water-level was sounded and the well depth was measured. The static water-level and well depth measurements were recorded on the well sampling data forms provided in Appendix B. A water level indicator (Solinst) was used to measure groundwater levels to the nearest 0.01 feet.

The static water level was measured by lowering the probe into a well and obtaining two successive readings that agreed to within 0.01 feet. These measurements were referenced to a surveyed mark at the top of the casing. The result of the measurements was then recorded.

### 4.1.1 Second Quarter 2012 - Groundwater Levels and Hydraulic Gradient

Depth-to-water measurements in MW-1through MW-8 and MW-10 were conducted by TEAM on May 30, 2012. A compilation of depth-to-water and groundwater surface elevations for the monitoring wells is provided in Table 1, and a potentiometric surface is presented on Figure 3. A hydrograph of groundwater elevations, as measured from 2000 to 2007 by PIC Environmental, and from November 2008 and thereafter by TEAM, is provided as Figure 5.

The hydraulic gradient, based on water levels measured May 30, 2012, varies significantly across the site. These groundwater conditions, although variable over large depth and spatial intervals, are generally consistent with those conditions observed previously on the site (PIC, 2001-2007 and TEAM, 2008-2012).

Groundwater elevations at MW-3A, MW-4, MW-5 and MW-8 decreased an average of 1.04 feet from March to May 2012. Groundwater at the site was between 12 and 25 ft bgs, as measured on May 30, 2012.

#### 4.1.2 Third Quarter 2012 - Groundwater Levels and Hydraulic Gradient

Depth-to-water measurements in MW-1through MW-8 and MW-10 were conducted by TEAM on July 12, 2012. A compilation of depth-to-water and groundwater surface elevations for the monitoring wells is provided in Table 1, and a potentiometric surface is presented on Figure 4. A hydrograph of groundwater elevations, as measured from 2000 to 2007 by PIC Environmental, and from November 2008 and thereafter by TEAM, is provided as Figure 5.

The hydraulic gradient, based on water levels measured July 12, 2012, varies significantly across the site. These groundwater conditions, although variable over large depth and spatial intervals, are generally consistent with those conditions observed previously on the site (PIC, 2001-2007 and TEAM, 2008-2012).

Groundwater elevations at MW-3A, MW-4, MW-5 and MW-8 decreased an average of 1.01 feet from May to July 2012. Groundwater at the site was between 12 and 26 ft bgs, as measured on July 12, 2012.

#### 4.2 GROUNDWATER SAMPLING RESULTS

Groundwater samples were analyzed by Oilfield Environmental Compliance, Inc. (OEC) in Santa Maria, California, a State-Certified Analytical Laboratory. Groundwater samples were analyzed for BTEX, MTBE, ETBE, DIPE, TBA, TAME and TPHg by EPA Method 8260b. Laboratory analytical reports and chain-of-custody forms are provided in Appendix D. Laboratory analytical results for organic compounds in the groundwater samples collected from each of the monitoring wells are summarized in Table 2 and presented on Figure 6.

#### 4.2.1 Second Quarter 2012 - Groundwater Sampling Results

During the Second Quarter 2012 groundwater samples were collected from monitoring wells MW-4, MW-5 and MW-8.

Benzene was not identified at or above the laboratory detection limit (0.5  $\mu$ g/L) in any of the groundwater samples collected.

Toluene concentrations of 4.8  $\mu$ g/L and 3.2  $\mu$ g/L were identified in the groundwater samples collected from MW-4 and MW-8, respectively. These concentrations are within the MCL for toluene (150  $\mu$ g/L) as established by the State of California and within the water quality objective for toluene (42  $\mu$ g/L) as established in the Water Quality Control Plan for the Lahontan Region. Toluene was not identified at or above the laboratory detection limit (0.5  $\mu$ g/L) in the sample collected from MW-5

Ethylbenzene concentrations of 210  $\mu g/L$ , 2.8  $\mu g/L$  and 44  $\mu g/L$  were identified in the groundwater samples collected from MW-4, MW-5 and MW-8, respectively. The concentrations are within the MCL for ethylbenzene (300  $\mu g/L$ ) as established by the State of California. The concentrations identified in MW-4 and MW-8 exceed the water quality objective for ethylbenzene (29  $\mu g/L$ ) as established in the Water Quality Control Plan for the Lahontan Region.

Total xylene concentrations of 19  $\mu$ g/L, 7  $\mu$ g/L and 78  $\mu$ g/L were identified in the groundwater samples collected from MW-4, MW-5 and MW-8, respectively. These concentrations are within the MCL for xylenes (1,750  $\mu$ g/L) as established by the State of California. The concentrations identified in MW-4 and MW-8 exceed the water quality objective for xylenes (17  $\mu$ g/L) as established in the Water Quality Control Plan for the Lahontan Region.

Fuel oxygenates MTBE, TBA, ETBE, TAME and DIPE were not identified at or above the laboratory detection limits in any of the groundwater samples collected.

TPHg, as analyzed by EPA Method 8260, were reported at concentrations of 1.9 mg/L, 1.7 mg/L, and 5.2 mg/L in groundwater samples from wells MW-4, MW-5 and MW-8, respectively. These

concentrations of TPHg exceed the water quality objective of 0.05 mg/L, as established in the Water Quality Control Plan for the Lahontan Region. TPHg results are provided on Figure 6.

#### 4.2.2 Third Quarter 2012 - Groundwater Sampling Results

During the Third Quarter 2012 groundwater samples were collected from monitoring wells MW-1, MW-3A, MW-5, MW-6 and MW-8.

Benzene was not identified at or above the laboratory detection limit  $(0.5 \,\mu\text{g/L})$  in any of the groundwater samples collected.

A toluene concentration of 5.3  $\mu$ g/L was identified in the groundwater sample collected from MW-8. This concentration is within the MCL for toluene (150  $\mu$ g/L) as established by the State of California and also within the water quality objective for toluene (42  $\mu$ g/L) as established in the Water Quality Control Plan for the Lahontan Region. Toluene was not identified at or above the laboratory detection limit (0.5  $\mu$ g/L) in any of the other groundwater samples collected.

Ethylbenzene concentrations of 7.7  $\mu$ g/L and 42  $\mu$ g/L were identified in the groundwater samples collected from MW-5 and MW-8, respectively. These concentrations are within the MCL for ethylbenzene (300  $\mu$ g/L) as established by the State of California and with the exception of MW-8, within the water quality objective for ethylbenzene (29  $\mu$ g/L) as established in the Water Quality Control Plan for the Lahontan Region. Ethylbenzene was not identified at or above the laboratory detection limits (0.5  $\mu$ g/L) in any of the other groundwater samples collected.

Total xylene concentrations of 19  $\mu$ g/L and 66  $\mu$ g/L were identified in the groundwater samples collected from MW-5 and MW-8, respectively. These concentrations are within the MCL for xylenes (1,750  $\mu$ g/L) as established by the State of California. The concentrations identified in MW-5 and MW-8 exceed the water quality objective for xylenes (17  $\mu$ g/L) as established in the Water Quality Control Plan for the Lahontan Region. Xylenes were not identified at or above the laboratory detecton limits (0.5  $\mu$ g/L) in any of the other groundwater samples collected.

Fuel oxygenates MTBE, TBA, ETBE, TAME and DIPE were not identified at or above the laboratory detection limits in any of the groundwater samples collected.

TPHg, as analyzed by EPA Method 8260, were reported at concentrations of 1.9 mg/L, and 3.1 mg/L in groundwater samples from wells MW-5 and MW-8, respectively. These concentrations of TPHg exceed the water quality objective of 0.05 mg/L, as established in the Water Quality Control Plan for the Lahontan Region. TPHg results are provided on Figure 6.

#### 4.3 CHANGE IN CONCENTRATIONS

Concentrations of petroleum hydrocarbons identified in groundwater samples collected from site wells in May and July 2012 are generally less than those identified previously beneath the site. Figures 7, 8 and 9 show benzene, MTBE and TPHg concentrations over time, respectively.

#### 4.4 QUALITY ASSURANCE/QUALITY CONTROL

Groundwater samples were analyzed by OEC for BTEX, fuel oxygenates and TPHg by EPA Method 8260b. Historically, groundwater samples from this site have been analyzed by CalTech Environmental Laboratories for BTEX and MTBE by EPA Method 8021/8260 and TPHg by EPA method 8015.

As a part of the QA/QC for this site, a duplicate sample of monitoring well MW-6 was collected concurrently with the MW-6 sample collected in the July 12, 2012 sampling event. The duplicate sample was labeled "QCMW" and submitted without a sample time, in order to evaluate consistency of the analytical laboratory. The results of analysis of the duplicate sample, included in Table 2, were generally consistent with the results for MW-6.

Additional QA/QC conducted by TEAM during the July 12, 2012 sampling event included analysis of a trip blank sample. The purpose of analyzing a trip blank is to evaluate the potential for introduction of contaminants in the field or the laboratory, or from a carryover of contaminants from a highly contaminated sample analyzed preceding the collected sample. The trip blank was delivered to TEAM with the other sample bottles. The trip blank, labeled "QCTB," was sealed at the laboratory and remained sealed until it was returned to the laboratory and opened for analysis. There were no detections at or above the laboratory detection limits in the trip blank.

Parameters evaluated in addition to QA/QC sample results included (1) completeness of chain-of-custody forms and (2) analysis of samples within prescribed holding times. All samples were listed on chain-of-custody forms. The groundwater samples collected during the second quarter sampling event were initially analyzed within hold times, however re-analysis was completed out of hold time. A portion of the second quarter surrogate recoveries were out of control limits, but data was accepted based on valid recovery of the remaining surrogates. It was also noted that the Toluene CCV failed low resulting in a potential low bias for this analyte, details for laboratory QA/QC can be found in Appendix B. Groundwater samples collected during the third quarter sampling event were analyzed within prescribed holding times, laboratory QA/QC were all within acceptable control limits.

#### 4.5 GROUNDWATER PHYSICAL PARAMETERS AND BIODEGRADATION INDICATORS

Parameters measured at the completion of purging and just prior to groundwater sample collection include: temperature, pH, dissolved oxygen, conductivity, and oxidation-reduction potential. These parameters are summarized in Table 3. Field data sheets are provided in Appendix C. Previously collected geochemical indicator data from groundwater samples are provided in Table 4 for comparison purposes.

Dissolved oxygen data measures relative levels of oxygen available for biodegredation of petroleum hydrocarbons, and depletion of dissolved oxygen typically indicates the occurrence of biodegredation by aerobic respiration. During the Third Quarter 2012 sampling event, non-detect well MW-1, MW-3A and MW-6 showed a high levels of "background" dissolved oxygen, 8.7 mg/L, 4.1 mg/L and 8.1 mg/L, respectively, indicating aerobic conditions. Conversely, wells historically impacted by petroleum hydrocarbons (MW-4 and MW-5) showed depleted dissolved oxygen levels, 0.7 mg/L and 0.5 mg/L. The conditions described above are typical of a petroleum hydrocarbon biodegredation "footprint," indicating attenuation of petroleum hydrocarbons through aerobic respiration continuing to occur in groundwater beneath the site in the post-remediation environment.

Geochemical indicator data, as presented in Table 4, demonstrate that other active biodegredation processes are likely occurring beneath the site. The primary processes indicated by these data are iron reduction and denitrification, in addition to aerobic respiration as discussed above.

#### 5.0 DISCUSSION

#### 5.1 LOW-THREAT CASE CLOSURE CRITERIA

#### 5.1.1 General Criteria

The Mammoth Mart UST site meets all the general criteria established by the new Low-Threat UST Closure Policy and as listed below:

- The unauthorized release is located within the service area of a public water system;
- The unauthorized release consists only of petroleum;
- The unauthorized ("primary") release from the UST system has been stopped;
- Free product has been removed to the maximum extent practicable;
- A conceptual site model that assesses the nature, extent, and mobility of the release has been developed;
- Secondary source has been removed to the extent practicable;
- Soil or groundwater has been tested for methyl tert-butyl ether (MTBE) and results reported in accordance with Health and Safety Code section 25296.15; and
- Nuisance as defined by Water Code section 13050 does not exist at the site.

#### 5.1.2 Groundwater-Specific Criteria

The site also meets the groundwater specific criteria established by the Low-Threat UST Closure Policy. The residual plume has been demonstrated to be limited and stable in extent, and decreasing in concentration even in the absence of active remediation. The site meets all the criteria of low-threat class #4 listed under the Groundwater Specific Criteria:

- (4) a. The contaminant plume that exceeds water quality objectives is less than 1,000 feet in length.
  - b. There is no free product.
  - c. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary.
  - d. The dissolved concentration of benzene is less than 1,000  $\mu$ g/l, and the dissolved concentration of MTBE is less than 1,000  $\mu$ g/l.

#### 5.1.3 Vapor-Intrusion Criteria

Satisfaction of the media-specific criteria for petroleum vapor intrusion to indoor air is not required at active commercial petroleum fueling facilities. However, based on groundwater and soil samples collected in 2012, the site would meets the low-threat closure guidelines for vapor intrusion based on lack of benzene concentrations in groundwater, depth to groundwater and availability and size of a vadose-zone bioattenuation vapor buffer with the requisite low-level TPHg concentrations.

#### 5.1.4 Direct Contact/Outdoor Air Criteria

The entire site and the down-gradient street and commercial area are paved. In addition, residual soil concentrations of benzene and ethylbenzene are well below the thresholds established for

volatilization to outdoor air or for exposure to utility workers.

#### 5.2 EVALUATION OF PLUME STABILITY

The primary source of petroleum hydrocarbon contamination at the site, leaking USTs, were removed in 1997. Maximum site groundwater contamination concentrations were observed during the 2000-2001 period. Petroleum hydrocarbon concentrations in site groundwater have been below MCLs even in source area and downgradient wells since July 2010. Figures 6, 7 and 8 show benzene, MTBE and TPHg concentrations over time.

Concentrations of residual petroleum hydrocarbons in source area wells MW-4 and MW-5 and in downgradient well MW-8 have been decreasing consistently over time and were significantly reduced by the two recent ISCO remediation events in 2010 and 2011.

Additionally, geochemical indicators have been monitored for the past 4 years, which demonstrate biodegradation processes are active and will continue to reduce hydrocarbon mass over time.

The remaining dissolved plume has been demonstrated to be stable in size, decreasing in concentration, and limited to degraded hydrocarbons.

#### 5.3 WATER QUALITY OBJECTIVES

A significant decrease in petroleum hydrocarbons was observed shortly after the two interim remediation efforts conducted in source-area wells in 2010 and 2011 with rebounds observed during subsequent low water level periods.

MTBE has not been identified in any site monitoring wells since 2005. Benzene has been below detectable levels in all site wells since July 2010.

All volatile organic compounds identified in groundwater samples during the May and June 2012 sampling event are within the Maximum Contaminant Levels (MCLs) as established by the State of California. For the May 2012 sampling event Water Quality Objectives, based on the taste-and-odor threshold established by the Lahontan Basin Plan, are exceeded in three site monitoring wells for TPHg (MW-4, MW-5 and MW-8) and in two wells for xylenes and ethylbenzene (MW-4 and MW-8). During the July 2012 sampling event Water Quality Objectives, based on the taste-and-odor threshold established by the Lahontan Basin Plan, are exceeded in two site monitoring wells for TPHg (MW-5 and MW-8), in two wells for xylenes (MW-4 and MW-8) and one well for ethylbenzene (MW-8).

#### 6.0 CONCLUSIONS

Based on the post-ISCO remediation groundwater analytical results through third quarter 2012, and from the discussion of the results provided in Section 5.0, TEAM recommends case closure for the subject site due to the low threat which residual petroleum hydrocarbon contamination at the site poses to human health, safety and the environment.

The primary source (former USTs) has been removed in 1997, and the petroleum hydrocarbon plume has been monitored since 1997 and delineated. Groundwater still impacted with residual hydrocarbons meet all MCLs. The site meets the general and media-specific criteria for low-threat closure. Given the low threat which the residual petroleum hydrocarbons at the site represents, it is not economically feasible to remove or destroy in-situ this remaining contamination.

Remediation in the form of soil excavation, groundwater removal and over purging, in-situ chemical oxidation has occurred from 1997 through 2011. Natural attenuation of petroleum hydrocarbons has been documented onsite using biodegredation indicators. Natural attenuation will continue to reduce the residual heavy-end petroleum hydrocarbons at the site.

There are no current downgradient receptors that could reasonably be expected to be affected by the petroleum hydrocarbon plume. Residual petroleum hydrocarbon concentrations in soil and groundwater beneath the site do not pose a risk to existing or potential beneficial uses of groundwater in the area. Impacted groundwater at the site is currently not used as a source of drinking water or for other beneficial uses. The Town of Mammoth Lakes groundwater supply wells are upgradient and more than 2,000 feet west of the site. Therefore, impacted groundwater from the site is not likely to be used in the future for beneficial purposes. The Center Street area of the Town of Mammoth Lakes represents a fully developed commercial area with a number of former and existing UST sites and dry cleaning site(s). Residual hydrocarbons on site are sealed beneath pavement in all directions (active service station, street, parking lots) and this pavement is anticipated to remain in place for the foreseeable future.

Due to the depth to groundwater, the low volatility of the residual hydrocarbon mass, and fact that the area is fully paved, the risk of volatilization to indoor air or for direct exposure is considered negligible.

Given existing data, TEAM cannot determine the specific time frame to achieve WQOs for TPHg in the source area of the site. However, only extremely localized adverse effects in shallow groundwater are present and those adverse effects will continue to decrease over time. There is and will be no adverse effect on groundwater in deeper aquifers. Residual petroleum hydrocarbons in soil and groundwater are not anticipated to affect current or anticipated beneficial uses of groundwater, or provide a risk to public health.

Case closure of the subject site would be protective of human health and the environment, and in the best economic interests of the people of the State of California.

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#### 8.0 GENERAL CONDITIONS

Geology and geochemistry are inexact sciences, and investigative data commonly contain large uncertainties. The behavior of contaminants in soil and groundwater can be complex. Our judgments and conclusions are based upon the analytical data obtained from groundwater samples collected by TEAM, and our experience on similar projects. The available data from the collected samples do not preclude the presence of materials at other locations on the site that presently, or in the future, may be considered hazardous. Services performed for this project by TEAM Engineering & Management, Inc. are in accordance with professional standards for contamination assessment investigations; no guarantees are either expressed or implied.



### TABLE 1 DEPTH-TO-WATER AND GROUNDWATER ELEVATION DATA Mammoth Mart UST Site, LUSTIS# 6B2600814T

Well ID	M	W-1	M	W-2	MV	V-3A	M	W-4	M	W-5	М	W-6	M	W-7	М	W-8	M\	W-9	MV	V-10
Casing Elevation (ft amsl)	784	12.80	784	12.70	784	12.31	7841	.96 (9)	7843	i.03 (9)	784	42.42	7842	.00 (10)	7840	.42 (11)	784	0.63	784	14.33
Screen Interval (ft bgs)	5-1	5 (1)	5-1	5 (1)	5	-30	4	-28	4-2	29.20	4-:	26.6	5-2	24 (8)	5	i-30	4-	29	5-	-25
	DTW (2)	GWE (3)	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
DATE	(feet)	(feet amsl)	(feet)	(feet amsl)	(feet)	(feet amsl)	(feet)	(feet amsl)	(feet)	(feet amsl)	(feet)	(feet amsl)	(feet)	(feet amsl)	(feet)	(feet amsl)	(feet)	(feet amsl)	(feet)	(feet amsl)
06/20/00	13.28	7829.52	13.60	7829.10	-	-	15.68	7826.28	24.97	7818.06	12.15	7830.27	19.61	7822.39	-	-	-	-	-	-
10/03/00	14.02	7828.78	14.24	7828.46	-	-	19.60	7822.36	27.32	7815.71	14.78	7827.64	Dry	NA	-	-	-	-	-	-
03/30/01	13.48	7829.32	14.39	7828.31	-	-	24.72	7817.24	24.91	7818.12	13.01	7829.41	19.23	7822.77	-	-	-	-	-	-
05/30/01	14.12	7828.68	14.70	7828.00	-	-	25.69	7816.27	26.73	7816.30	12.61	7829.81	22.44	7819.56	-	-	-	-	-	-
07/20/01	14.30	7828.50	Dry	NA	-	-	26.21	7815.75	26.51	7816.52	11.90	7830.52	Dry	NA	-	-	-	-	-	-
10/09/01	14.60	7828.20	14.02	7828.68	16.75	7825.56	26.20	7815.76	26.61	7816.42	11.76	7830.66	Dry	NA	23.58	7816.84	26.45	7814.18	Dry	NA
04/09/02	14.02	7828.78	14.43	7828.27	16.58	7825.73	24.99	7816.97	25.42	7817.61	12.57	7829.85	19.71	7822.29	23.06	7817.36	14.57	7826.06	24.60	7819.73
06/11/02	14.24	7828.56	14.58	7828.12	17.63	7824.68	24.86	7817.10	25.88	7817.15	12.37	7830.05	23.14	7818.86	23.08	7817.34	15.45	7825.18	23.28	7821.05
08/06/02	14.62	7828.18	14.91	7827.79	17.08	7825.23	25.04	7816.92	26.64	7816.39	13.26	7829.16	Dry	NA	23.14	7817.28	15.33	7825.30	Dry	NA
10/08/02	15.09	7827.71	14.95	7827.75	27.62	7814.69	27.76	7814.20	28.11	7814.92	13.13	7829.29	Dry	NA	24.73	7815.69	26.30	7814.33	24.50	7819.83
04/01/03	13.90	7828.90	14.29	7828.41	16.75	7825.56	24.65	7817.31	25.31	7817.72	12.55	7829.87	19.60	7822.40	23.55	7816.87	NM	NA	23.21	7821.12
05/30/03	13.79	7829.01	14.13	7828.57	16.69	7825.62	23.75	7818.21	24.63	7818.40	12.39	7830.03	19.82	7822.18	22.81	7817.61	14.75	7825.88	22.88	7821.45
08/12/03	14.24	7828.56	Dry	NA	15.61	7826.70	26.09	7815.87	26.25	7816.78	11.92	7830.50	Dry	NA	24.08	7816.34	19.13	7821.50	Dry	NA
10/06/03	14.50	7828.30	Dry	NA	17.28	7825.03	26.74	7815.22	26.66	7816.37	13.44	7828.98	Dry	NA	26.78	7813.64	25.12	7815.51	Dry	NA
04/06/04	13.70	7829.10	14.11	7828.59	16.01	7826.30	23.80	7818.16	24.62	7818.41	12.11	7830.31	19.88	7822.12	23.51	7816.91	14.42	7826.21	23.64	7820.69
06/15/04	14.26	7828.54	14.60	7828.10	15.02	7827.29	26.31	7815.65	26.30	7816.73	12.82	7829.60	Dry	NA	24.42	7816.00	17.59	7823.04	Dry	NA
09/23/04	14.74	7828.06	Dry	NA	19.04	7823.27	Dry	NA	27.34	7815.69	13.67	7828.75	Dry	NA	25.39	7815.03	19.54	7821.09	Dry	NA
11/03/04	14.9	7827.90	Dry	NA	24.81	7817.50	Dry	NA	Dry	NA	13.6	7828.82	Dry	NA	26.26	7814.16	20.85	7819.78	Dry	NA
04/26/05	14.9	7827.90	Dry	NA	14.82	7827.49	21.04	7820.92	21.50	7821.53	Dry	NA	Dry	NA	25.30	7815.12	15.12	7825.51	Dry	NA
05/27/05	13.18	7829.62	13.72	7828.98	14.59	7827.72	20.58	7821.38	22.91	7820.12	11.94	7830.48	13.72	7828.28	22.81	7817.61	NA	NA	22.73	7821.60
06/29/05	13.47	7829.33	13.91	7828.79	15.49	7826.82	21.81	7820.15	24.51	7818.52	11.7	7830.72	18.00	7824.00	22.52	7817.90	14.42	7826.21	23.37	7820.96
05/28/07	NM	NA	NM	NA	NM	NA	25.43	7816.53	NM	NA	NM	NA	NM	NA	23.40	7817.02	NM	NA	NM	NA
06/10/07	NM	NA	NM	NA	NM	NA	26.11	7815.85	NM	NA	NM	NA	NM	NA	23.55	7816.87	NM	NA	NM	NA
07/23/07	NM	NA	NM	NA	NM	NA	26.46	7815.50	NM	NA	NM	NA	NM	NA	23.85	7816.57	NM	NA	NM	NA
11/20/08 (4)	13.71	7829.09	14.13	7828.57	14.29	7828.02	24.16	7817.80	25.20	7817.83	12.05	7830.37	19.99	7822.01	23.59	7816.83	NM	NA	NM	NA
02/03/09	12.99	7829.81	13.74	7828.96	16.89	7825.42	22.72 (7)	7819.24	24.15	7818.88	12.09	7830.33	18.59	7823.41	23.36	7817.06	NM	NA	NM	NA
05/04/09	12.14	7830.66	12.75	7829.95	13.54	7828.77	19.65	7822.31	17.60	7825.43	11.39	7831.03	9.55	7832.45	21.91	7818.51	NM	NA	Dry	NA
05/12/09	12.28	7830.52	12.99	7829.71	14.20	7828.11	15.41	7826.55	20.18	7822.85	11.25	7831.17	12.51	7829.49	22.30	7818.12	NM	NA	Dry	NA
10/07/09	14.48	7828.32	14.7	7828.00	17.31	7825.00	26.33	7815.63	26.71	7816.32	12.15	7830.27	Dry	NA	24.26	7816.06	NM	NA	Dry	NA
04/06/10	NM	NA	NM	NA	16.32	7825.99	22.88	7819.08	24.69	7818.34	NM	NA	NM	NA	23.43	7816.89	NM	NA	Dry	NA
06/15/10	13.70	7829.10	14.08	7828.62	16.16	7826.15	NM	NA	NM	NA	11.66	7830.76	20.37	7821.50	23.11	7817.21	NM	NA	Dry	NA
07/07/10	14.03	7828.77	14.38	7828.32	16.41	7825.90	15.75	7825.83	22.79	7819.72	11.58	7830.84	Dry	NA	23.27	7817.05	NM	NA	Dry	NA
09/01/10	14.43	7828.37	14.71	7827.99	17.16	7825.15	25.43	7816.15	25.54	7816.97	12.85	7829.57	Dry	NA	24.25	7815.94	NM	NA	Dry	NA
03/08/11	NM	NA	NM	NA	15.84	7826.47	15.21	7826.37	18.18	7824.33	NM	NA	NM	NA	23.19	7817.00	NM	NA	NM	NA
08/31/11	14.32	7828.48	14.70	7828.00	16.87	7825.44	19.30	7822.28	21.38	7821.13	12.80	7829.62	23.45	7818.42	23.06	7817.13	NM	NA	Dry	NA
03/13/12	13.57	7829.23	14.17	7828.53	16.80	7825.51	19.75	7821.83	23.11	7819.40	13.61	7828.81	17.65	7824.22	23.81	7816.38	NM	NA	NM	NA
05/30/12	14.15	7828.65	14.60	7828.10	17.04	7825.27	21.78	7819.80	24.95	7817.56	12.98	7829.44	23.52	7818.35	23.85	7816.34	NM	NA	NM	NA
07/12/12	14.39	7828.41	14.85	7827.85	17.34	7824.97	24.54	7817.04	25.47	7817.04	12.27	7830.15	Dry	NA	24.30	7815.89	NM	NA	NM	NA

- (1) Screen interval for MW-1 and MW-2 revised after video survey on 5/5/09.
- (2) DTW indicates depth-to-water, in feet below top of casing.
- (3) GWE indicates groundwater elevation (casing elevation less DTW) in feet above mean sea level.
- (4) Data prior to November 2008 were collected by PIC Environmental Services. Data from November to present collected by TEAM Engineering & Management, Inc.
- (5) NA indicates not applicable or not available.
- (6) NM indicates the water level was not measured.
- (7) Measured water level corrected due to presence of LNAPL.
- (8) Effective screen interval in MW-7, revised due to obstruction in bottom 3 feet of well.
- (9) MW-4 and MW-5 casing trimmed on 4/26/10 for remediation use. MW-4 new casing elevation: 7841.58. MW-5 new casing elevation: 7842.51.
- (10) MW-7 casing trimmed on 5/12/09. MW-7 new casing elevation: 7841.87
- (11) MW-8 casing trimmed on 5/12/09 and 7/7/10. MW-8 new casing elevation: 7840.19.



Well Name	Date	Lab	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TPHg	TPHg
	Sampled		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
BANA/ 4	40/45/07	ColTook	44		21/8260B	450	EPA 8260B	EPA 8015	EPA 8260B
MW-1	10/15/97	CalTech	11 ND	39 ND	ND ND	159 ND	143 30	1.6 ND	-
	06/26/98 10/13/98	CalTech CalTech	ND	ND ND	ND	ND	ND	ND	
			-	ND -	ND -	ND -	IND -	IND	-
	12/10/99	CalTech							-
	06/20/00	CalTech	ND	ND	ND	ND	ND	ND	-
	10/03/00	CalTech	ND	0.61	ND	2.31	ND	ND	-
	03/30/01	CalTech	ND	ND	ND	ND	140	0.12	-
	05/30/01	CalTech	ND	ND	ND	ND	ND	0.11	-
	07/20/01	CalTech	ND	ND	ND	ND	ND	ND	-
	10/09/01	CalTech	ND	2.5	ND	5.2	180	0.15	-
	04/09/02	CalTech	ND	ND	ND	ND	ND	ND	-
	06/11/02	CalTech	ND	ND	ND	ND	4.4	ND	-
	08/06/02	CalTech	ND	ND	ND	ND	ND	ND	-
	10/08/02	CalTech	_	_	_	_	_	_	_
	04/01/03	CalTech	ND	ND	ND	ND	ND	ND	_
	05/30/03	CalTech	ND	ND	ND	ND	ND	ND	
	08/12/03	CalTech	ND	ND	ND	ND	ND	ND	-
	10/06/03	CalTech	ND	ND	ND	ND	ND	ND	-
	04/06/04	CalTech	ND	ND	ND	ND	ND	ND	-
	06/15/04	CalTech	ND	ND	ND	ND	ND	ND	-
	08/31/04	CalTech	ND	ND	ND	ND	ND	ND	-
	10/05/04	CalTech	ND	ND	ND	ND	ND	ND	-
	04/05/05	CalTech	ND	ND	ND	ND	ND	ND	-
	05/02/05	CalTech	ND	ND	ND	ND	ND	ND	-
	06/03/05	CalTech	ND	ND	ND	ND	ND	ND	_
	05/28/07	CalTech		-					_
	06/10/07	CalTech	-	-		-	-	-	-
			l -	-	-	-	-		-
(4)	07/23/07	CalTech	ND( -0.5) (0)	ND( 0.5)	ND( 0.5)	ND( 0.5)	ND( 0.5)		- ND( 0.05)
(1)	02/03/09	OEC	ND(<0.5) (2)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	05/12/09	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	10/07/09	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	06/15/10	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	09/01/10	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	03/08/11	NA	NS	NS	NS	NS	NS	-	NS
	08/31/11	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	03/13/12	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	05/30/12	NS	NS	NS	NS	NS	NS	-	NS
	07/12/12	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
MW-2	10/15/97	CalTech	40	480	173	875	383	11	-
	06/26/98	CalTech	2.9	ND	0.9	3.4	120	1	-
	10/13/98	CalTech	6.2	96	371	1,830	359	11	-
	12/10/99	CalTech	-	-	-	-	-	-	-
	06/20/00	CalTech	ND	5.7	1.6	218	ND	5.8	-
	10/03/00	CalTech	ND	0.77	15	58	ND	5.9	-
	03/30/01	CalTech	ND	ND	ND	ND	7	1.5	-
	05/30/01	CalTech	ND	ND	ND	3.8	ND	1.6	-
	07/20/01	CalTech	-	-	-	-	-	-	
	10/09/01	CalTech	-	-	-				-
	04/09/02					-	-	-	-
		CalTech	ND	ND	ND	2.3	- ND	0.22	-
1	06/11/02	CalTech CalTech	ND ND	ND ND	ND ND	2.3 ND	ND 6	- 0.22 ND	-
	06/11/02 08/06/02								-
		CalTech							- - - -
	08/06/02	CalTech CalTech	ND -	ND -	ND -	ND -	6	ND -	- - - - -
	08/06/02 10/08/02 04/01/03	CalTech CalTech CalTech	ND - -	ND - -	ND - -	ND - -	6	ND - -	-
	08/06/02 10/08/02	CalTech CalTech CalTech	ND - - ND	ND - - ND	ND - - ND	ND - - ND	6 - - ND	ND - - ND	
	08/06/02 10/08/02 04/01/03 05/30/03	CalTech CalTech CalTech CalTech CalTech	ND - - ND	ND - - ND	ND - - ND	ND - - ND	6 - - ND	ND - - ND	-
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03	CalTech CalTech CalTech CalTech CalTech	ND - - ND ND -	ND - - ND ND -	ND - - ND	ND ND ND -	6 - - ND ND	ND - - ND ND	-
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/03 04/06/04	CalTech CalTech CalTech CalTech CalTech CalTech CalTech	ND - - ND ND -	ND ND ND	ND - - ND ND -	ND ND ND	6 - - ND ND -	ND ND ND -	-
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/03 04/06/04 06/15/04	CalTech CalTech CalTech CalTech CalTech CalTech CalTech CalTech CalTech	ND - - ND ND - - ND	ND ND ND ND - ND	ND - - ND ND - - ND	ND - ND ND - ND - ND - ND	6 - - ND ND - - ND	ND - ND ND - ND - ND - ND	
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	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/03 04/06/04 06/15/04 08/31/04 10/05/04 04/05/05	CalTech	ND ND ND - ND ND ND ND ND - ND ND ND ND	ND ND ND - ND ND	ND ND ND - ND ND ND ND - ND ND ND ND	ND ND ND ND - ND	6 - ND ND - ND ND ND	ND ND ND ND	
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/03 04/06/04 06/15/04 08/31/04 10/05/04 04/05/05 05/02/05	CalTech	ND	ND - ND ND - ND	ND	ND	6	ND ND ND - ND - ND - ND ND - ND ND - ND ND - ND	
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/03 04/06/04 06/15/04 08/31/04 10/05/04 04/05/05 05/02/05 06/03/05	CalTech	ND ND ND - ND ND ND ND ND - ND ND ND ND	ND ND ND - ND ND	ND ND ND - ND ND ND ND - ND ND ND ND	ND ND ND ND - ND	6 - ND ND - ND ND ND	ND ND ND ND	- - - - -
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/03 04/06/04 06/15/04 08/31/04 10/05/04 04/05/05 05/02/05 06/03/05	CalTech	ND	ND - ND ND - ND	ND	ND	6	ND ND ND - ND - ND - ND ND - ND ND - ND ND - ND	- - - - -
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07	CalTech	ND	ND - ND ND - ND	ND	ND	6	ND ND ND - ND - ND - ND ND - ND ND - ND ND - ND	- - - - -
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/03 04/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07 07/23/07	CalTech	ND ND ND ND ND ND ND	ND	ND	ND	6	ND	- - - - - - - -
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 06/03/05 05/28/07 06/10/07 07/23/07 02/03/09	CalTech	ND	ND	ND - ND	ND	6	ND	- - - - - - - - - ND(<0.05)
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 06/10/07 07/23/07 02/03/09 05/12/09	CalTech CalTec	ND	ND	ND (<0.5) 2.9	ND	6	ND	- - - - - - - - - - ND(<0.05)
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 02/03/09 05/12/09 05/12/09	CalTech CalTec	ND	ND	ND ND ND ND ND ND ND	ND	6	ND	
	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 06/03/05 07/23/07 06/10/07 02/03/09 05/12/09 10/07/09	CalTech OEC OEC	ND	ND (<0.5) 0.51 NS ND (<0.5)	ND	ND	6	ND	
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10	CalTech CalTec	ND	ND	ND (<0.5) 2.9 NS ND (<0.5) NS	ND	6	ND ND ND ND ND ND ND	
	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 06/03/05 07/23/07 06/10/07 02/03/09 05/12/09 10/07/09	CalTech OEC OEC OEC	ND	ND	ND (<0.5) NS ND (<0.5) NS NS NS	ND	6	ND ND ND ND ND ND ND	
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 06/03/05 07/23/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 09/01/10	CalTech CalTec	ND ND ND ND ND ND ND	ND	ND - ND ND ND - ND ND ND - ND ND ND - ND	ND	6 - ND ND - ND ND - ND ND(<0.5) NS NS NS NS	ND ND ND ND ND ND ND	
	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 04/05/05 05/02/05 06/03/05 05/28/07 06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 03/08/11 03/03/11	CalTech CalTec	ND ND ND ND ND ND ND ND ND (<0.5) ND (<0.5) NS (3) ND (<0.5) NS (3) NS NS NS NS NS NS	ND	ND (<0.5) 2.9 NS ND (<0.5) NS NS NS NS NS	ND	6	ND	
	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 05/02/05 05/02/05 05/02/05 05/28/07 07/23/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 03/08/11 08/31/11 08/31/11	CalTech OEC OEC OEC OEC OEC OEC	ND ND ND ND ND ND ND	ND	ND (<0.5) NS ND (<0.5) NS N	ND	6 - ND ND - ND ND - ND ND(<0.5) NS NS NS NS	ND	
MW-3	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 03/08/11 08/31/11 08/31/11 03/13/12 05/30/12 05/30/12	CalTech OEC OEC NA NA OEC NS	ND	ND	ND	ND	6 - ND ND - ND ND - ND ND ND ND ND ND ND ND ND - N	ND	
MW-3	08/06/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 04/05/05 05/02/05 06/03/05 06/03/05 06/03/05 06/03/05 05/28/07 06/10/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 03/08/11 03/08/11 03/13/12 05/30/12 07/12/12	CalTech OEC OEC OEC OEC OEC OEC NA NA OEC OEC NS OEC CalTech CalTech OEC	ND	ND	ND (<0.5) 2.9 NS ND (<0.5) NS	ND	6 ND ND(<0.5) NS	ND	
MW-3	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 03/08/11 03/08/11 03/03/11 03/03/12 07/12/12 07/12/12	CalTech	ND	ND	ND	ND	6 - ND ND - ND ND - ND ND ND ND ND ND ND ND ND - N	ND	ND(-0.05) 0.082 NS ND (-0.05) NS
MW-3	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 08/31/11 08/31/11 08/31/11 08/31/11 08/31/11 07/12/12 07/12/12	CalTech CalC CalC CalC CalC CalC CalC CalC Cal	ND	ND	ND ND ND - ND ND ND ND ND ND ND (<0.5) 2.9 NS ND (<0.5) NS	ND	6	ND	ND(<0.05) 0.082 NS ND(<0.05) NS
MW-3	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 03/08/11 08/31/11 03/13/12 05/30/12 05/30/12 05/30/12 05/30/12 05/30/12 07/12/12 07/12/12 07/12/12 07/12/12	CalTech	ND	ND NS	ND ND ND - ND ND ND ND ND ND ND (<0.5) 2.9 NS ND (<0.5) NS	ND	6 ND ND ND ND ND ND	ND	
MW-3	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07 07/23/07 02/03/09 06/15/10 09/01/10 03/08/11 08/31/11 03/33/12 05/12/09 10/13/98 10/13/98 10/13/98	CalTech	ND	ND	ND ND ND - ND ND ND ND ND ND ND (<0.5) 2.9 NS ND (<0.5) NS	ND	6 ND ND ND ND ND ND ND ND ND ND(<0.5) NS	ND	
MW-3	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 05/02/05 05/02/05 05/02/07 02/03/09 05/12/09 10/07/09 06/15/10 09/01/10 03/08/11 08/31/11 08/31/11 08/31/11 08/31/12 07/12/12 10/15/97 06/26/98 10/13/98 12/10/99 06/20/00 10/03/00	CalTech	ND	ND NS	ND ND ND - ND ND ND ND ND ND ND (<0.5) 2.9 NS ND (<0.5) NS	ND	6 ND ND ND ND ND ND	ND	
MW-3	08/06/02 10/08/02 10/08/02 04/01/03 05/30/03 08/12/03 10/06/04 06/15/04 08/31/04 10/05/05 05/02/05 06/03/05 05/28/07 06/10/07 07/23/07 02/03/09 06/15/10 09/01/10 03/08/11 08/31/11 03/33/12 05/12/09 10/13/98 10/13/98 10/13/98	CalTech	ND	ND NS	ND ND ND - ND ND ND ND ND ND ND (<0.5) 2.9 NS ND (<0.5) NS	ND	6 ND ND ND ND ND ND ND ND ND ND(<0.5) NS	ND	

well Name	Date	Lab	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TPHg	TPHg
			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
		1			21/8260B	r	EPA 8260B	EPA 8015	EPA 8260B
MW-3A	10/09/01	CalTech	ND	ND	ND	ND	4	ND	-
	04/09/02	CalTech	ND	ND	ND	4	9.1	0.31	-
	06/11/02	CalTech	ND	ND	2.2	35	10	0.88	-
	08/06/02	CalTech	ND	ND	ND	ND	ND -	0.21	-
	10/08/02	CalTech	ND	2.2	3.2	18.7	5	0.19	-
	04/01/03	CalTech	ND	ND	11	29	29	1.2	-
	05/30/03	CalTech	ND	ND	10	34	ND	0.41	-
	08/12/03	CalTech	ND	ND	ND	ND	ND	0.1	-
	10/06/03	CalTech	ND	ND	ND	ND	10	0.05	-
	04/06/04	CalTech	ND	ND	4.6	ND	ND	0.18	-
	06/15/04	CalTech	ND	ND	ND	ND	ND	ND	-
	08/31/04	CalTech	ND	ND	ND	ND	ND	ND	-
	10/05/04	CalTech	ND	ND	ND	ND	ND	ND	-
	04/05/05	CalTech	ND	ND	ND	ND	ND	ND	-
	05/02/05	CalTech	ND	ND	ND	ND	ND	ND	-
	06/03/05	CalTech	ND	ND	ND	ND	ND	ND	-
	05/28//07	CalTech	-	-	-	-	-	-	-
	06/10/07	CalTech	-	-	-	-	-	-	-
	07/23/07	CalTech	-	-	-	-	-	-	-
	04/06/04	CalTech	ND	ND	4.6	ND	ND	0.18	-
	06/15/04	CalTech	ND	ND	ND	ND	ND	ND	-
	08/31/04	CalTech	ND	ND	ND	ND	ND	ND	-
	10/05/04	CalTech	ND	ND	ND	ND	ND	ND	-
	04/05/05	CalTech	ND	ND	ND	ND	ND	ND	-
	05/02/05	CalTech	ND	ND	ND	ND	ND	ND	-
	06/03/05	CalTech	ND	ND	ND	ND	ND	ND	-
	05/28//07	CalTech	-	-	-	-	-	-	-
	06/10/07	CalTech	-	-	-	-	-	-	-
	07/23/07	CalTech						- 1	-
	02/03/09	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	05/12/09	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	10/07/09	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	04/06/10	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	06/15/10	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	09/01/10	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	03/08/11	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	08/31/11	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	03/13/12	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	05/30/12	NS	NS	NS	NS	NS	NS	-	NS
MW-4	07/12/12	OEC CalTech	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	25	ND(<0.05)
IVI VV -44	10/13/98	CalTech	129	3,420	1,890	11,400	7,390	35	-
	12/10/99	CalTech		1 550		F 720	- -	30	-
	06/20/00	CalTech	290	1,550	170	5,720	540		-
	10/03/00	CalTech	200 ND	4,700	1,600	9,500	350 ND	56	-
	03/30/01	CalTech	ND	1,700	ND 3 300	5,600	ND	54	-
	05/30/01	CalTech	390	3,100	3,200	11,600	210	95	-
	07/20/01	CalTech	ND 240	5,600	810	12,900	ND 400	51	-
	10/09/01	CalTech	310	5,000	1,200	8,400	490	47	-
	04/09/02 06/11/02		120	3,600	1,500	11,500	90	55	-
		CalTech	80	1,600	1,100	7,500	100	59	-
	08/06/02	CalTech	ND -	580	950	6,600	25	34	-
	10/08/02	CalTech			4 700	- 0.000	-	47	-
	04/01/03	CalTech	66	2,500	1,700	9,800	22	47	-
	05/30/03	CalTech	31 ND	1,200	870 1.000	6,200	ND ND	30	-
	08/12/03	CalTech	ND	1,000	1,000	6,700	ND	39	-
	10/06/03	CalTech	ND 33	ND 380	160	1,090	ND	91	-
	04/06/04	CalTech	22	280	270	1,800	ND	11	-
	06/15/04	CalTech	52	660	390	2,290	ND	13	-
	08/31/04	CalTech	_	-	-	-	-	_	-
	10/05/04	CalTech	-	-	- ND	-		-	-
	04/05/05	CalTech	25	230	ND	2500	ND	41	-
	05/03/05	CalTech	65 ND	850	ND	8,100	ND	49	-
	06/03/05	CalTech	ND	170	ND	4,800	36	51	-
	05/28/07	CalTech	7.5	750	1,500	9,200	ND	240	-
	06/10/07	CalTech	14	1,300	1,300	4,400	ND	91	-
	07/23/07	CalTech	16	1,400	1,600	5,000	ND	290	-
(4)	02/04/09	Cal Tech	ND(<0.5)	18	110	400	ND(<0.5)	1.3	-
	02/04/09	OEC	1.3	25	140	580	ND(<0.5)	4.4	5.7
	05/12/09	OEC	ND(<0.5)	49	57	280	ND(<0.5)	- 1	4.4
	10/07/09	OEC	11	140	560	5,200	ND(<0.5)	-	40
	04/06/10	OEC	2.5	150	320	1,700	ND(<0.5)	-	9.9
	_				ation remediation				
	07/07/10	OEC	ND(<0.5)	7	5	430	ND(<0.5)	-	4.4
	09/01/10	OEC	NS NB( 5)	NS	NS	NS	NS NB( 5)	-	NS
	03/08/11	OEC	ND(<5)	32	120	280	ND(<5)	-	1.7
				chivo Icoumor	tion remediation i	mplemented i	n MW-4.		
	April 27 throu								4
	<b>April 27 throu</b> 08/31/11	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	1.0	ND (<0.5)	-	0.14
	08/31/11 03/13/12	OEC OEC	ND(<0.5) ND(<0.5)	ND(<0.5) 13	ND(<0.5) 76	1.0 200	ND (<0.5) ND(<0.5)	-	1.9
	<b>April 27 throu</b> 08/31/11	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	1.0	ND (<0.5)	-	

cont Well Name	Date	Lab	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TPHg	TPHg
Hanne		Lus	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
					21/8260B		EPA 8260B	EPA 8015	EPA 8260B
MW-5	10/13/98	CalTech	10	117	297	1,090	175	5.7	-
	12/10/99	CalTech	-	-	-	-	-	-	-
	06/20/00	CalTech	5	87	218	912	ND	13	-
	10/03/00	CalTech	9.9	57	18	1,950	12	28	-
	03/30/01	CalTech	ND	ND	ND	430	ND	11	-
	05/30/01	CalTech	57	36	250	1,580	38	12	-
	07/20/01	CalTech	ND	ND	ND	2,030	ND	18	-
	10/09/01	CalTech	34	17	ND	1,200	15	25	-
	04/09/02 06/11/02	CalTech	ND	24	ND	690	56	6.8	-
	08/06/02	CalTech	ND	40	7	1,290	50	15	-
	10/08/02	CalTech	6.4 ND	54 ND	61 ND	1,410	27 ND	14	-
	04/01/03	CalTech	ND	ND	ND	1,420	ND	150	-
	05/30/03	CalTech CalTech	ND ND	68 54	170 200	760	ND ND	12 10	-
	08/12/03	CalTech	ND	ND	160	1,610 1,080	ND ND	14	-
	10/06/03	CalTech	59	1,500	1,400	9,500	ND	21	
	04/06/04	CalTech	ND	ND	64	444	ND	13	_
	06/15/04	CalTech	ND	18	40	550	ND	12	_
	08/31/04	CalTech	ND	12	26	346	ND	15	-
	10/05/04	CalTech	-	-		-	-	-	_
	04/05/05	CalTech	ND	6.7	ND	490	ND	6.1	-
	05/03/05	CalTech	ND	65	65	2,380	ND	1.6	-
	06/03/05	CalTech	ND	ND	190	317	ND	14	-
	05/28/07	CalTech	-	-	-	-	-	-	-
	06/10/07	CalTech	-	-	-	-	-	-	-
	07/23/07	CalTech	-	-	-	-	-	-	-
QCMW (5)	02/04/09	OEC	ND(<0.5)	0.76	14	61	ND(<0.5)	-	2.3
	02/04/09	OEC	ND(<0.5)	0.75	13	60	ND(<0.5)	-	2.3
QCMW (5)	05/12/09	OEC	ND(<0.5)	1.6	33	140	ND(<0.5)	-	3
	05/12/09	OEC	ND(<0.5)	1.6	33	140	ND(<0.5)	-	3.1
	10/07/09	OEC	ND(<0.5)	0.96	25	37	ND(<0.5)	-	330
	04/06/10	OEC	ND(<0.5)	1.2	16	35	ND(<0.5)	-	4.0
	April 30 throu	igh June 3	0, 2010 - In-situ c	hemical oxida	ation remediation	implemented	in MW-5.		
	07/07/10	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	2	ND(<0.5)	-	3.3
	09/01/10	OEC	ND(<0.5)	ND(<0.5)	8.5	20	ND(<0.5)	-	3.2
QCMW (5)	03/08/11	OEC	ND(<0.5)	ND(<0.5)	8.1	24	ND(<0.5)	-	1.4
	03/08/11	OEC	ND(<0.5)	ND(<0.5)	7.7	25	ND(<0.5)	-	1.7
		1			tion remediation in				115/ 0.05
	08/31/11	OEC	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	-	ND(<0.05)
	03/13/12	OEC	ND(<0.5)	0.97	13	13	ND(<0.5)	-	2.7
	05/30/12	OEC	ND(<0.5)	ND(<0.5)	2.8	7	ND(<0.5)	-	1.7
MW-6	<b>07/12/12</b> 10/13/98	OEC CalTech	ND(<0.5) 32	ND(<0.5) 138	<b>7.7</b> 199	<b>19</b> 555	ND(<0.5) 83	2.9	1.9
WIVV-0	12/10/99	CalTech	23	46	55	100	4.5	1.4	
	06/20/00	CalTech	14	23	107	120	ND	3.3	
	10/03/00	CalTech	7	15	19	100	ND	2.6	_
	03/30/01	CalTech	, ND	ND	ND	ND	ND	2.1	_
	05/30/01	CalTech	22	4.9	110	86	20	4.1	-
	07/20/01	CalTech	ND	ND	ND	170	10	1.4	-
	10/09/01	CalTech	4.1	27	3.7	120	5.7	1.6	-
	04/09/02	CalTech	ND	ND	ND	ND	ND	0.53	-
	06/11/02	CalTech	8.7	7.7	19	35	5.3	0.78	-
	08/06/02	CalTech	10	11	51	40	ND	1.2	-
	10/08/02	CalTech	12	29	57	167	ND	1.3	-
	04/01/03	CalTech	7.3	ND	19	26.2	ND	0.71	-
	05/30/03	CalTech	5.3	ND	13	15.5	ND	0.3	-
	08/12/03	CalTech	ND	8.8	20	21.2	ND	0.43	-
	10/06/03	CalTech	8.3	11	29	20.4	ND	0.38	-
	04/06/04	CalTech	4.3	ND	7.7	11.2	ND	0.32	-
	06/15/04	CalTech	ND	ND	ND	ND	ND	0.13	-
	08/31/04	CalTech	8.9	17	36	79	ND	1.3	-
	10/05/04	CalTech	7.6	25	91	217	ND	0.94	-
	04/05/05	CalTech	-	-	-	-	-	-	-
	05/02/05	CalTech	ND	ND	ND	ND	ND	ND	-
	06/03/05	CalTech	ND	ND	ND	ND	ND	ND	-
		CalTech	-	-	-	-	-	-	-
	05/28/07							_	
	06/10/07	CalTech	-	-	-	-	-		-
	06/10/07 07/23/07	CalTech CalTech	-	-	-	-	-	-	-
	06/10/07 07/23/07 02/03/09	CalTech CalTech OEC	- ND(<0.5)	- ND(<0.5)	4.2	- ND(<0.5)	- ND(<0.5)	-	0.42
0011111 (7)	06/10/07 07/23/07 02/03/09 05/12/09	CalTech CalTech OEC OEC	- ND(<0.5) ND(<0.5)	- ND(<0.5) 0.71	- 4.2 5.4	- ND(<0.5) 31	- ND(<0.5) ND(<0.5)		- 0.42 0.37
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09	CalTech CalTech OEC OEC OEC	- ND(<0.5) ND(<0.5) ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5)	4.2 5.4 2.4	- ND(<0.5) 31 3.1	- ND(<0.5) ND(<0.5) ND(<0.5)	- - -	0.42 0.37 0.14
	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09	CalTech CalTech OEC OEC OEC OEC	- ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5)	4.2 5.4 2.4 2.2	- ND(<0.5) 31 3.1 2.5	ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)		0.42 0.37 0.14 0.13
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10	CalTech CalTech OEC OEC OEC OEC OEC	ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5)	4.2 5.4 2.4 2.2 1.5	- ND(<0.5) 31 3.1 2.5 5.4	ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- - - - -	0.42 0.37 0.14 0.13 ND (<0.05)
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10	CalTech CalTech OEC OEC OEC OEC OEC OEC OEC	ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	4.2 5.4 2.4 2.2 1.5 4.5	ND(<0.5) 31 3.1 2.5 5.4 9.4	- ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- - - - -	0.42 0.37 0.14 0.13 ND (<0.05) 0.078
	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10 06/15/10	CalTech CalTech OEC OEC OEC OEC OEC OEC OEC OEC	- ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	4.2 5.4 2.4 2.2 1.5 4.5 0.83	ND(<0.5) 31 3.1 2.5 5.4 9.4 ND(<0.5)	- ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- - - - - -	0.42 0.37 0.14 0.13 ND (<0.05) 0.078 0.083
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10 06/15/10 09/01/10	CalTech CalTech OEC	- ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	4.2 5.4 2.4 2.2 1.5 4.5 0.83 0.96	- ND(<0.5) 31 3.1 2.5 5.4 9.4 ND(<0.5) ND(<0.5)	- ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- - - - -	- 0.42 0.37 0.14 0.13 ND (<0.05) 0.078 0.083 0.082
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10 06/15/10 09/01/10 03/08/11	CalTech CalTech OEC	- ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	4.2 5.4 2.4 2.2 1.5 4.5 0.83 0.96 NS	- ND(<0.5) 31 3.1 2.5 5.4 9.4 ND(<0.5) ND(<0.5) NS	- ND(<0.5)	- - - - - - -	- 0.42 0.37 0.14 0.13 ND (<0.05) 0.078 0.083 0.082 NS
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10 06/15/10 09/01/10 03/08/11 08/31/11	CalTech CalTech OEC	- ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5)	- 4.2 5.4 2.4 2.2 1.5 4.5 0.83 0.96 NS ND(<0.5)	- ND(<0.5) 31 3.1 2.5 5.4 9.4 ND(<0.5) ND(<0.5) NS	- ND(<0.5)		- 0.42 0.37 0.14 0.13 ND (<0.05) 0.078 0.083 0.082 NS ND(<0.05)
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10 09/01/10 09/01/10 03/08/11 08/31/11	CalTech CalTech OEC	. ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND ND(<0.5) NS ND(<0.5)	- 4.2 5.4 2.4 2.2 1.5 4.5 0.83 0.96 NS ND(<0.5)	- ND(<0.5) 31 3.1 2.5 5.4 9.4 ND(<0.5) ND(<0.5) NS ND(<0.5) ND(<0.5)	- ND(<0.5)	- - - - - - -	- 0.42 0.37 0.14 0.13 ND (<0.05) 0.078 0.083 0.082 NS ND(<0.05) ND(<0.05)
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10 09/01/10 09/01/10 03/08/11 08/31/11 08/31/11	CalTech CalTech OEC	. ND(-0.5) ND(-0.5) ND(-0.5) ND(-0.5) ND(-0.5) ND(-0.5) ND(-0.5) ND(-0.5) ND(-0.5) NS ND(-0.5) NS ND(-0.5) ND(-0.5) ND(-0.5)	. ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) NS ND(<0.5) NS ND(<0.5) ND(<0.5)	- 4.2 5.4 2.4 2.2 1.5 4.5 0.83 0.96 NS ND(<0.5) ND(<0.5)	- ND(<0.5) 31 3.1 2.5 5.4 9.4 ND(<0.5) ND(<0.5) NS ND(<0.5) ND(<0.5)	- ND(<0.5) NS ND(<0.5) ND(<0.5) ND(<0.5)		- 0.42 0.37 0.14 0.13 ND (<0.05) 0.078 0.083 0.082 NS ND(<0.05) ND(<0.05)
QCMW (5)	06/10/07 07/23/07 02/03/09 05/12/09 10/07/09 10/07/09 06/15/10 09/01/10 09/01/10 03/08/11 08/31/11	CalTech CalTech OEC	. ND(<0.5)	- ND(<0.5) 0.71 ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND(<0.5) ND ND(<0.5) NS ND(<0.5)	- 4.2 5.4 2.4 2.2 1.5 4.5 0.83 0.96 NS ND(<0.5)	- ND(<0.5) 31 3.1 2.5 5.4 9.4 ND(<0.5) ND(<0.5) NS ND(<0.5) ND(<0.5)	- ND(<0.5)		- 0.42 0.37 0.14 0.13 ND (<0.05) 0.078 0.083 0.082 NS ND(<0.05) ND(<0.05)

cont...

well Name	Date	Lab	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TPHg	TPHg
			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-7	10/13/98	CalTech	1.4	9.9	21/8260B 38	107	EPA 8260B 40	<b>EPA 8015</b> 0.45	EPA 8260B
IVIVV-7	12/10/99	CalTech	ND	ND	1.5	1.2	18	0.43	_
	06/20/00	CalTech	ND	ND	ND	ND	6.2	ND	-
	10/03/00	CalTech	-	-	-	-	-	-	-
	03/30/01	CalTech	ND	ND	ND	11	8	0.76	-
	05/30/01	CalTech	ND	ND	ND	ND	14	0.75	-
	07/20/01	CalTech	-	-	-	-	-	-	-
	10/09/01	CalTech	-	- ND	-	-	-	-	-
	04/09/02	CalTech CalTech	ND	ND	ND	5.8	ND	0.37	-
	06/11/02 08/06/02	CalTech	-	-	-	-	-	-	
	10/08/02	CalTech	_	_	_	_	_	-	_
	04/01/03	CalTech	ND	ND	ND	ND	ND	ND	-
	05/30/03	CalTech	ND	ND	ND	ND	ND	ND	-
	08/12/03	CalTech	-	-	-	-	-	-	-
	10/06/03	CalTech	-	-	-	-	-	-	-
	04/06/04	CalTech	ND	ND	ND	ND	ND	ND	-
	06/15/04	CalTech	-	-	-	-	-	-	-
	08/31/04	CalTech CalTech	-	-	-	-	-	-	-
	10/05/04 04/05/05	Callech		_	_	_		-	
	05/02/05	CalTech	ND	- ND	- ND	ND	- ND	0.17	
	06/03/05	CalTech	ND	ND	ND	ND	ND	ND	-
	05/28/07	CalTech	-	-	-	-	-	-	-
	06/10/07	CalTech	-	-	-	-	-	-	-
	07/23/07	CalTech	-	-	-	-	-	-	-
	02/03/09	OEC	ND(<0.5)	ND(<0.5)	5.4	17	ND(<0.5)	-	0.25
	05/12/09	OEC	ND(<0.5)	ND(<0.5)	8.1	11	ND(<0.5)	-	0.41
	10/07/09	NA	NS (3)	NS	NS	NS	NS	-	NS
	06/15/10 09/01/10	OEC NA	ND (<0.5) NS	ND (<0.5) NS	ND (<0.5) NS	ND (<0.5) NS	ND (<0.5) NS	-	ND (<0.05) NS
	03/08/11	NA NA	NS NS	NS NS	NS NS	NS	NS NS	_	NS NS
	08/31/11	NA NA	NS NS	NS	NS NS	NS	NS NS	-	NS NS
	03/13/12	OEC	ND(<0.5)	ND(<0.5)	7.0	4.0	ND(<0.5)	-	0.31
	05/30/12	NS	NS	NS	NS	NS	NS	-	NS
	07/12/12	NS	NS	NS	NS	NS	NS	-	NS
MW-8	10/09/01 04/09/02	Cal Tech Cal Tech	150 53	2,400 940	34 ND	5,300 3,900	110 74	30 18	-
	06/11/02	Cal Tech	33	630	530	5,100	45	20	_
	08/06/02	Cal Tech	24	850	340	4,130	26	21	-
	10/08/02	Cal Tech	35	230	130	1,210	45	6.8	-
(6)	04/01/03*	CalTech	15	450	320	2,550	31	9.8	-
	05/30/03	Cal Tech	ND	67	320	2,080	ND	8.6	-
	08/12/03	Cal Tech	ND	590	240	3,230	ND	13	-
	10/06/03	Cal Tech	ND	50	120	459	ND	4.8	-
	04/06/04	Cal Tech	8.3	70 ND	430	1,570	ND 40	5.8	-
	06/15/04 08/31/04	Cal Tech Cal Tech	ND 19	ND 45	ND 31	11 1,000	43 49	0.39 1.4	-
	10/05/04	Cal Tech	12	13	130	470	50	2.3	_
	04/05/05	Cal Tech	ND	ND	ND	311	16	7	-
	05/03/05	Cal Tech	ND	ND	ND	1,649	81	8.9	-
	06/03/05	Cal Tech	ND	3.5	20	75	ND	1.8	-
	05/28/07	Cal Tech	ND	28	33	1,060	ND	13	-
	06/10/07	Cal Tech	11	340	330	1,070	ND	6	-
(0)	07/23/07	Cal Tech	12	220	340	1,060	ND ND( 0.5)	16	-
(4)	02/04/09	Cal Tech OEC	ND(<0.5)	9.1	96	290	ND(<0.5)	0.81	- 4.7
	02/04/09 05/12/09	OEC	0.79 1.3	11 3.4	110 29	370 45	ND(<0.5) ND(<0.5)	3.8	4.7 1.8
	10/07/09	OEC	0.71	5	29 87	88	ND(<0.5) ND(<0.5)	_	3.3
	04/06/10	OEC	ND(<0.5)	5.1	58	80	ND(<0.5)	_	3.8
	06/15/10	OEC	ND(<0.5)	ND(<0.5)	3.4	ND(<0.5)	ND(<0.5)	-	0.092
	April 30 throu	gh June 3	0, 2010 - In-situ c				in MW-4 and MW-5		
	07/07/10	OEC	ND(<0.5)	1.3	17	20	ND(<0.5)	-	1.1
	09/01/10	OEC	0.53	ND(<0.5)	55	48	ND(<0.5)	-	3.0
	03/08/11	OEC	ND(<0.5)	ND(<0.5)	5.5	7.0	ND(<0.5)	-	0.21
	06/29/11	OEC	ND(<0.5)	2.8	22	40	ND(<0.5) n MW-4 and MW-5.	-	1.8
	08/31/11	Gh Aug 1:	ND(<2.5)	3.0	ND(<2.5)	mplemented i	ND(<2.5)	-	3.0
QCMW (5)	03/13/12	OEC	ND(<2.5) ND(<0.5)	3.0	43	67	ND(<2.5) ND(<0.5)	_	3.8
1-7	03/13/12	OEC	ND(<0.5)	3.1	43	64	ND(<0.5)	-	4.5
	05/30/12	OEC	ND(<0.5)	3.2	44	78	ND(<0.5)	-	5.2
	07/12/12	OEC	ND(<0.5)	5.3	42	66	ND(<0.5)	l	3.1

well Name	Date	Lab	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TPHg	TPHg			
			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)			
				EPA 80	21/8260B	•	EPA 8260B	EPA 8015	EPA 8260B			
MW-9	10/09/01	CalTech	ND	ND	ND	4.1	ND	ND	-			
	04/09/02	CalTech	ND	ND	2.7	3.5	ND	ND	-			
	06/11/02	CalTech	ND	ND	ND	ND	ND	ND	-			
	08/06/02	CalTech	ND	ND	ND	ND	ND	ND	-			
	10/08/02	CalTech	ND	ND	ND	2.6	24	0.15	_			
	04/01/03	CalTech	ND	ND	ND	ND	ND	ND	-			
	05/30/03	CalTech	ND	ND	ND	ND	ND	ND	-			
	08/12/03	CalTech	ND	ND	ND	ND	ND	ND	_			
	10/06/03	CalTech	ND	ND	ND	ND	ND	ND	_			
	04/06/04	CalTech	ND	ND	ND	ND	ND	ND	_			
	06/15/04	CalTech	ND	ND	ND	ND	ND	ND				
	08/31/04	CalTech	ND	ND	ND	ND	ND	ND	-			
	10/05/04		ND	ND	ND ND	ND ND	ND ND	ND	-			
		CalTech CalTech					ND ND	ND ND	-			
	04/05/05		ND	ND	ND	ND			-			
	05/02/05	CalTech	-	-	-	-	-	-	-			
	06/03/05	CalTech	ND	ND	ND	ND	ND	ND	-			
	05/28/07	CalTech	-	-	-	-	-	-	-			
	06/10/07	CalTech	-	-	-	-	-	-	-			
	07/23/07	CalTech	-	-	-	-	-	-	-			
	02/04/09 NA			Well no longer sampled - Inaccessible								
MW-10	10/09/01	CalTech	-	-	-	-	-	-	-			
	04/09/02	CalTech	-	-	-	-	-	-	-			
	06/11/02	CalTech	ND	ND	ND	ND	24	ND	-			
	08/06/02	CalTech	-	-	-	-	-	-	-			
	10/08/02	CalTech	-	-	-	-	-	-	-			
(6)	04/01/03*	Cal Tech	ND	ND	ND	ND	ND	ND	-			
	05/30/03	CalTech	ND	ND	ND	ND	ND	ND	-			
	08/12/03	CalTech	-	-	-	-	-	-	-			
	10/06/03	CalTech	-	-	-	-	-	-	-			
	04/06/04	CalTech	ND	ND	ND	ND	ND	ND	-			
	06/15/04	CalTech	-	-	-	-	-	-	-			
	08/31/04	CalTech	-	-	-	-	-	-	-			
	10/05/04	CalTech	-	-	_	_	-	_	-			
	04/05/05	CalTech	_	-	-	-	-	-	-			
	05/02/05	CalTech	ND	ND	ND	ND	ND	ND	-			
	06/03/05	CalTech	ND	ND	ND	ND	ND	ND	-			
	05/28/07	CalTech	-	-	-	-	-	-	-			
	06/10/07	CalTech	-	-	-	-	-	-	-			
	07/23/07	CalTech	-	-	-	-	-	-	-			
	02/04/09	NA	NS	NS	NS	NS	NS	-	NS			
	10/07/09	NA	NS	NS	NS	NS	NS	-	NS			
	06/15/10 09/01/10	NA NA	NS NS	NS NS	NS NS	NS NS	NS NS		NS NS			
	03/08/11	NA NA	NS NS	NS	NS NS	NS NS	NS NS		NS NS			
	08/31/11	NA.	NS	NS	NS NS	NS	NS NS		NS			
	03/13/12	NA.	NS	NS	NS NS	NS	NS NS	_	NS			
	05/30/12	NS	NS	NS	NS	NS	NS	_	NS			
	07/12/12	NA.	NS	NS	NS	NS	NS		NS			
Ca	EPA Drinking		1	150	680	1,750	5	N/A	N/A			
	ater Standards					,	-					

- Notes:

  (1) Data prior to 2009 were collected by PIC Environmental Services, current data was collected by TEAM Engineering & Management, Inc. Historic data was (2) NDI<0.5) indicates not detected at or above detection limit shown in parentheses.
  (3) NS indicates not sampled; well not accessible or dry.
  (4) Sample sent to previous lab as "split sample" to evaluate consistency during project transition.
  (5) Duplicate sample "QCMW" collected concurrently with sample, analyzed as blind duplicate.
  (6) Based on previous reports, April 2003 data was originally transposed between MW-8 and MW-10 samples. Data switched.

## TABLE 3 INORGANIC AND PHYSICAL PARAMETERS OF GROUNDWATER Mammoth Mart UST Site

Well ID	Date	Temperature	Dissolved Oxygen	рН	Specific Conductance	Conductivity	Turbidity	ORP
		(C)	(mg/L)		(uS/cm)	(uS/cm)	(NTU)	(mV)
MW-1	2/3/2009	7.6	7.3	6.4	304	203	NA	155
	5/12/2009	9.5	7.2	NV (1)	104	73	NA	NV (1)
	10/7/2009	15.8	5.2	7.5	317	262	NA	-8
	6/15/2010	12.2	16.1	6.0	NA	1	NA	192
	9/1/2010	16.3	6.9	6.2	NA	268	2.8	89
	3/8/2011	NA	NA	NA	NA	NA	NA	NA
	8/31/2011	14.9	9.2	6.2	NA	192	0	124
	3/13/2012	8.4	8.9	6.1	NA	181	0	220
	5/30/2012	NA	NA	NA	NA	NA	NA	NA
	7/12/2012	14.3	8.7	5.9	NA	178	0	210
MW-2	2/3/2009	10.2	4.5	5.5	293	210	NA	159
	5/12/2009	9.2	7.3	NV (1)	146	102	NA	NV (1)
	10/7/2009	14.5	6.0	7.2	264	211	NA	24
	6/15/2010	10.6	11.3	6.2	NA	272	NA	179
	9/1/2010	NA	NA	NA	NA	NA	NA	NA
	3/8/2011	NA	NA	NA	NA	NA	NA	NA
	8/31/2011	NA	NA	NA	NA	NA	NA	NA
	3/13/2012	NA	NA	NA	NA	NA	NA	NA
	5/30/2012	NA	NA	NA	NA	NA	NA	NA
	7/12/2012	NA	NA	NA	NA	NA	NA	NA
MW-3A	2/3/2009	12.4	1.7	5.9	338	257	NA	163
	5/12/2009	9.8	3.5	NV (1)	142	101	NA	NV (1)
	10/7/2009	14.4	2.0	7.7	524	420	NA	3
	4/6/2010	10.7	4.7	5.9	NA	242	NA	206
	6/15/2010	11.7	17.8	6.4	NA	366	NA	181
	9/1/2010	14.1	4.8	6.3	NA	364	230	169
	3/8/2011	11.0	5.9	6.5	NA	364	8.7	169
	8/31/2011	13.7	10.1	6.3	NA	251	75.3	119
	3/13/2012	10.9	5.8	6.2	NA	262	1.2	74
	5/30/2012	NA	NA	NA	NA	NA	NA	NA
	7/12/2012	14.1	4.1	6.1	NA	227	69	210
MW-4	2/4/2009	14.0	0.4	6.8	431	341	NA	-161
	5/12/2009	10.8	0.3	NV (1)	230	181	NA	NV (1)
	10/7/2009	12.6	0.9	7.9	485	371	NA	-72
	4/6/2010	13.8	4.5	6.3	NA	461	NA	-137
	7/7/2010	13.2	8.0	6.7	NA	544	NA	-165
	9/1/2010	NA	NA	NA	NA	NA	NA	NA
	3/8/2011	11.9	0.7	6.9	NA	455	28	-130
	8/31/2011	14.4	8.0	6.2	NA	677	0	-118
	3/13/2012	12.4	0.5	6.6	NA	507	259	-111
	5/30/2012	12.1	8.0	6.6	NA	601	93	-84
	7/12/2012	15.7	0.7	6.3	NA	680	235	-94

# TABLE 3 INORGANIC AND PHYSICAL PARAMETERS OF GROUNDWATER Mammoth Mart UST Site

cont..

Well ID	Date	Temperature	Dissolved Oxygen	рН	Specific Conductance	Conductivity	Turbidity	ORP
		(C)	(mg/L)		(uS/cm)	(uS/cm)	(NTU)	(mV)
MW-5	2/4/2009	13.0	0.6	6.8	350	269	NA	-182
	5/12/2009	11.6	0.2	NV (1)	285	212	NA	NV (1)
	10/7/2009	12.7	0.8	7.9	506	387	NA	-77
	4/6/2010	12.4	4.7	6.2	NA	444	NA	-123
	7/7/2010	14.2	9.6	6.3	NA	487	NA	95
	9/1/2010	14.8	0.7	6.3	NA	684	18	-149
	3/8/2011	12.1	1.0	6.6	NA	440	31	-113
	8/31/2011	15.1	0.7	6.3	NA	292	150	-70
	3/13/2012	12.1	0.5	6.4	NA	289	45	-78
	5/30/2012	12.3	1.2	6.2	NA	324	56	-50
	7/12/2012	14.5	0.5	6.1	NA	353	77	-87
MW-6	2/3/2009	12.0	0.3	6.3	357	268	NA	79
	5/12/2009	10.1	0.5	NV (1)	377	270	NA	NV (1)
	10/7/2009	13.7	2.2	7.5	317	249	NA	-17
	6/15/2010	10.3	1.1	6.3	NA	372	NA	-6
	9/1/2010	12.6	0.9	6.4	NA	316	1.9	2
	3/8/2011	NA	NA	NA	NA	NA	NA	NA
	8/31/2011	11.8	1.0	6.3	NA	247	0	53
	3/13/2012	9.4	1.9	6.4	NA	348	2	19
	5/30/2012	NA	NA	NA	NA	NA	NA	NA
	7/12/2012	11.5	8.1	6.1	NA	307	4.2	190
MW-7	2/3/2009	12.6	0.6	7.2	432	330	NA	150
	5/12/2009	9.2	0.3	NV (1)	205	143	NA	NV (1)
	10/7/2009	NA	NA	NA	NA	NA	NA	NA
	6/15/2010	NA	NA	NA	NA	NA	NA	NA
	9/1/2010	NA	NA	NA	NA	NA	NA	NA
	3/8/2011	NA	NA	NA	NA	NA	NA	NA
	8/31/2011	NA	NA	NA	NA	NA	NA	NA
	3/13/2012	9.4	0.7	6.5	NA	304	73	-88
	5/30/2012	NA	NA	NA	NA	NA	NA	NA
	7/12/2012	NA	NA	NA	NA	NA	NA	NA
MW-8	2/4/2009	10.6	0.5	7.0	455	330	NA	-80
	5/12/2009	11.6	0.2	NV (1)	403	300	NA	NV (1)
	10/7/2009	12.3	1.1	8.1	522	395	NA	-100
	4/6/2010	10.4	2.6	6.7	NA	413	NA	-157
	6/15/2010	10.4	1.7	6.1	NA	496	NA	-48
	7/7/2010	10.7	2.8	6.2	NA	470	NA	-86
	9/1/2010	11.2	0.7	6.6	NA	447	6.8	-170
	3/8/2011	10.2	1.4	6.5	NA	463	5	-37
	8/31/2011	11.1	1.3	6.5	NA	348	255	-154
	3/13/2012	8.7	1.0	6.5	NA	314	17	-83
	5/30/2012	7.9	1.3	6.6	NA	155	5.1	-88
	7/12/2012	9.6	3.1	6.3	NA	359	120	-81

Note: All parameters were measured at completion of purging, just prior to sampling.

NM: Not Measured; parameter not measured at this well.

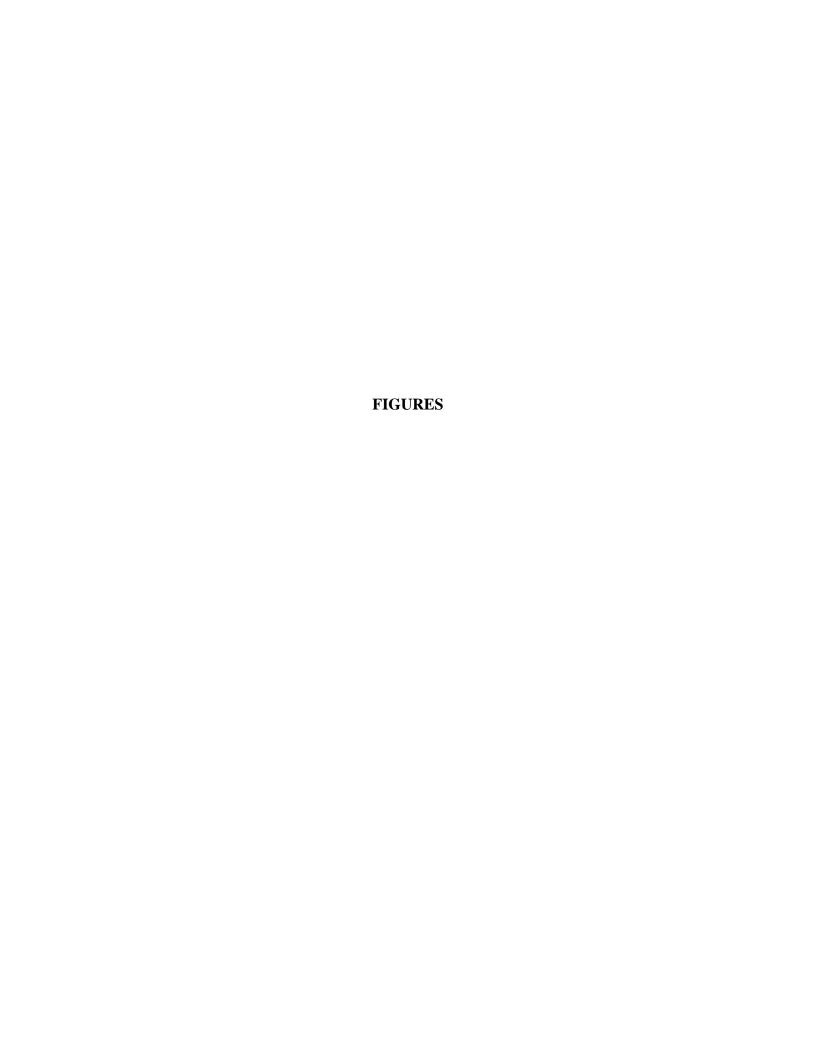
NA: Not Applicable; parameter not measure due to insufficient groundwater or well not accessible.

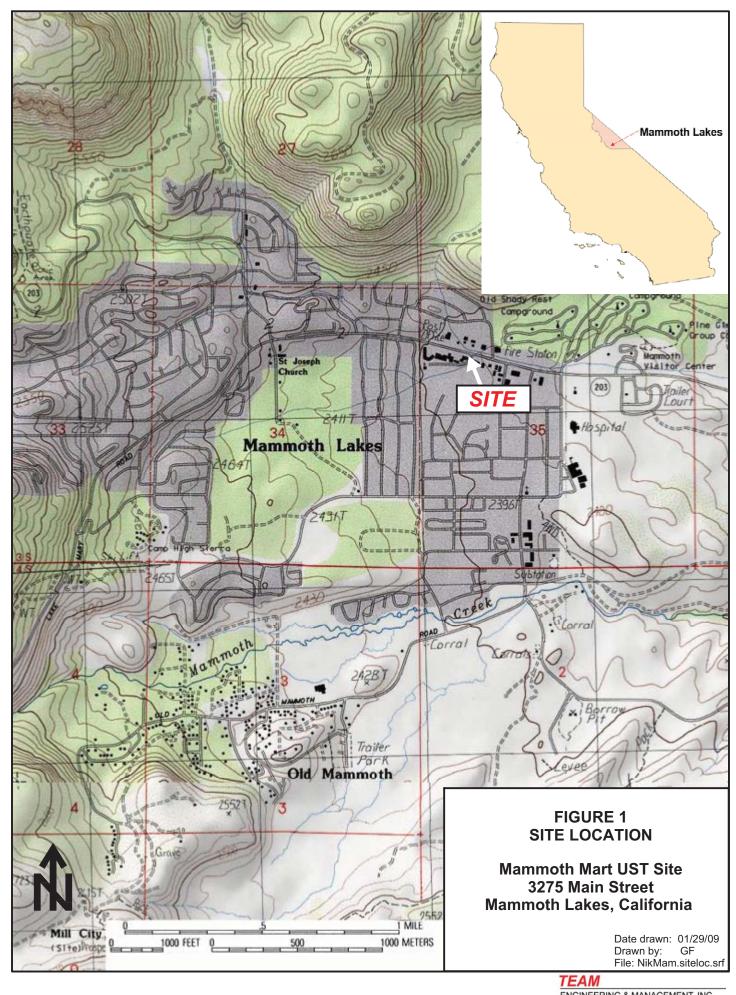
NV (1): No Value; pH/ORP sensor determined to be faulty during 5/12/09 field event.

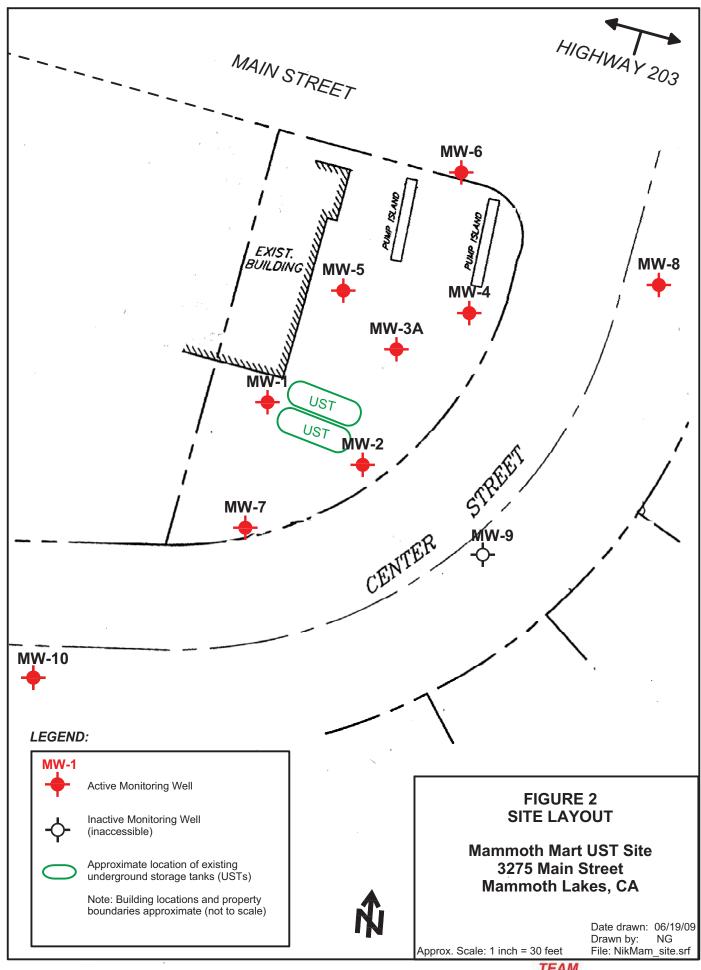
TABLE 4
GEOCHEMICAL INDICATORS IN GROUNDWATER
Mammoth Mart UST Site

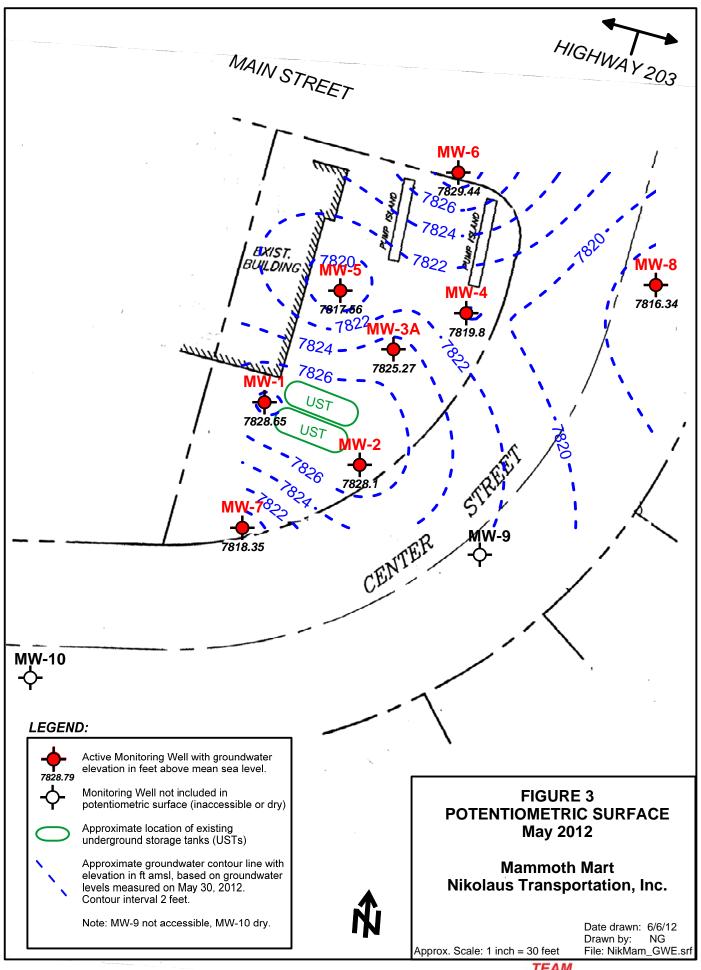
Well ID	Date	Dissolved Oxygen	ORP	Nitrate	Sulfate	Ferrous Iron	Methane	Carbon Dioxide	Biochemical Oxygen Demand	Chemical Oxygen Demand
		(mg/L)	(mV)	(mg/L)	(mg/L)	ug/L	mg/L	mg/L	mg/L	mg/L
MW-3A	10/7/2009	2.0	3	0.67	58	69.0	ND (< 0.1)	NA	ND (< 3.0)	ND (< 4.0)
	9/1/2010	4.8	169	1.9	22	340	ND (< 0.1)	120	ND (< 3.0)	ND (< 4.0)
	3/8/2011	5.9	169	0.58	9.9	ND (<50)	ND (< 0.1)	7.6	ND (< 3.0)	7.0
	8/31/2011	10.1	119	NA	NA	NA	NA	NA	NA	NA
	5/30/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	10/7/2009	0.9	-72	ND (< 0.4)	2.1	6040	0.3	NA	NA	NA
	9/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/8/2011	0.7	-130	ND (< 0.4)	23	3470	ND (< 0.1)	13.2	4	21
	8/31/2011	0.8	-118	ND (< 0.4)	180	20100	NA	9.7	NA	NA
	5/30/2012	0.8	-84	NA	NA	5750	NA	NA	NA	NA
MW-5	10/7/2009	0.8	-77	ND (< 0.4)	4	2840	0.6	NA	31	41
	9/1/2010	0.7	-149	ND (< 0.4)	110	37700	ND (< 0.1)	217	8	22
	3/8/2011	1.0	-113	ND (< 0.4)	8.8	3130	ND (< 0.1)	12.7	5	30
	8/31/2011	0.7	-70	ND (< 0.4)	11	ND (<50)	NA	8.2	2.9	17
	5/30/2012	1.2	-50	ND (< 0.4)	1.8	2440	NA	10.2	NA	NA
MW-6	10/7/2009	2.2	-17	0.60	18	1130	ND (< 0.1)	NA	ND (< 3.0)	ND (< 4.0)
	9/1/2010	0.9	2	0.98	15	55.0	ND (< 0.1)	120	ND (< 3.0)	ND (< 4.0)
	3/8/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/31/2011	1.0	53	1.1	11	ND (<50)	NA	5.7	ND (< 2.0)	ND (< 5.0)
	5/30/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	10/7/2009	1.1	-100	ND (< 0.4)	6	516	ND (< 0.1)	NA	6	5
	9/1/2010	0.7	-170	ND (< 0.4)	4.5	2820	ND (< 0.1)	147	4	10
	3/8/2011	1.4	-37	ND (< 0.4)	14	ND (<50)	ND (< 0.1)	15.8	ND (< 3.0)	8
	8/31/2011	1.3	-154	ND (< 0.4)	6	1100	NA	11.6	2.6	ND (< 5.0)
	5/30/2012	1.3	-88	ND (< 0.4)	1.2	1670	NA	2.8	NA	NA
Indica Biodegre		Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Note: All parameters analyzed by OEC Laboratory except BOD and COD, which was analyzed by Associated/Weck Laboratories. NA indicates not analyzed.









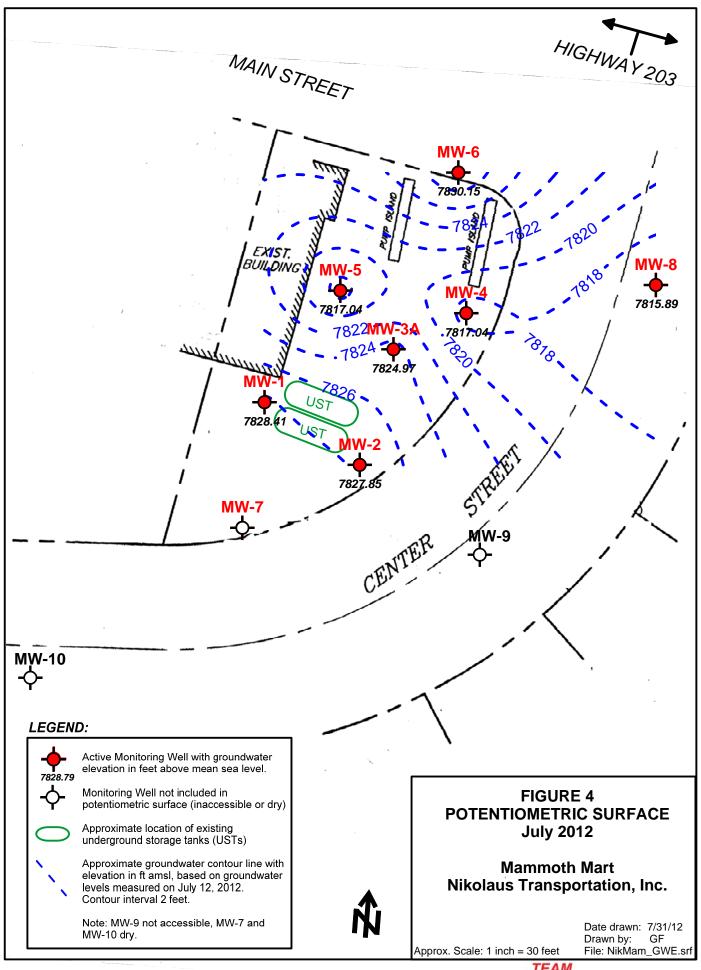
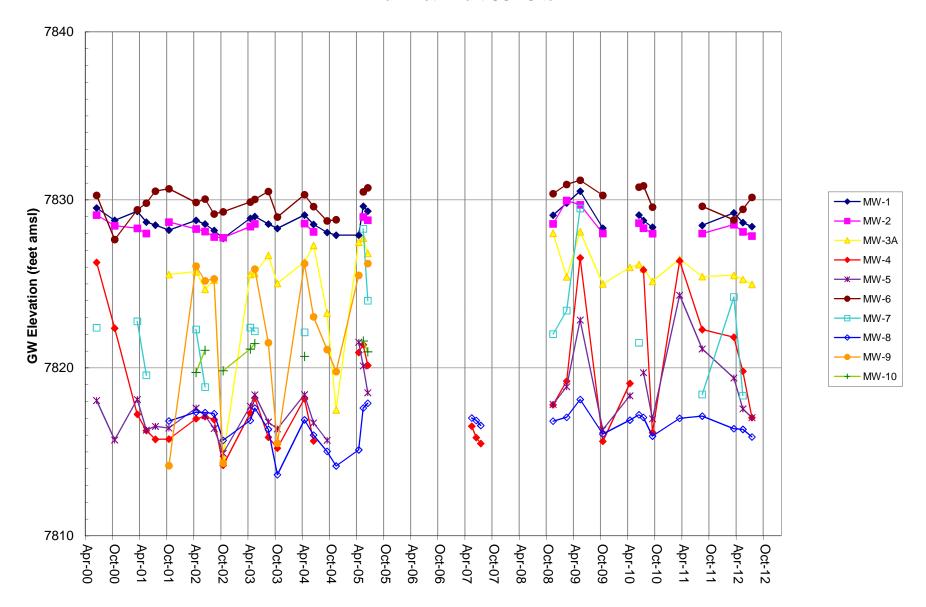


FIGURE 5
GROUNDWATER ELEVATION HYDROGRAPH
Mammoth Mart UST Site



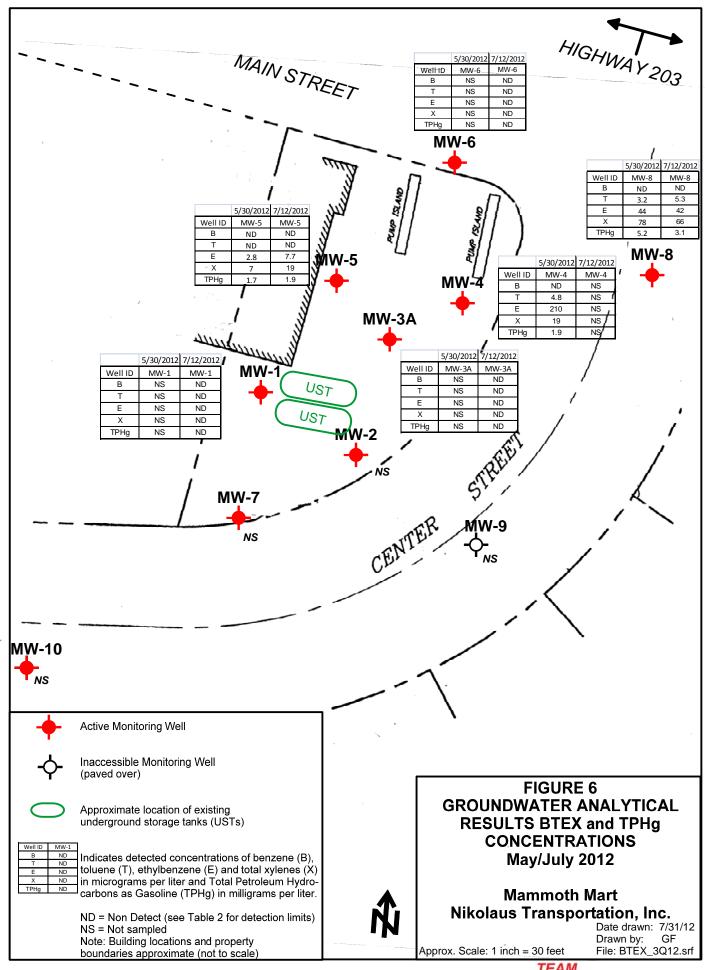


FIGURE 7
CONCENTRATIONS OF BENZENE IN GROUNDWATER
Mammoth Mart UST Site

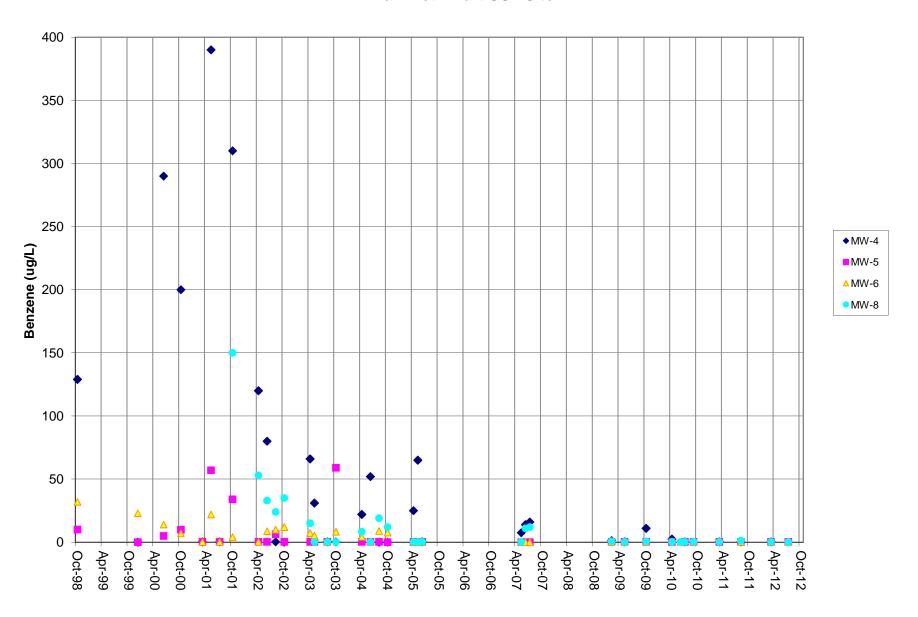


FIGURE 8
CONCENTRATIONS OF MTBE IN GROUNDWATER
Mammoth Mart UST Site

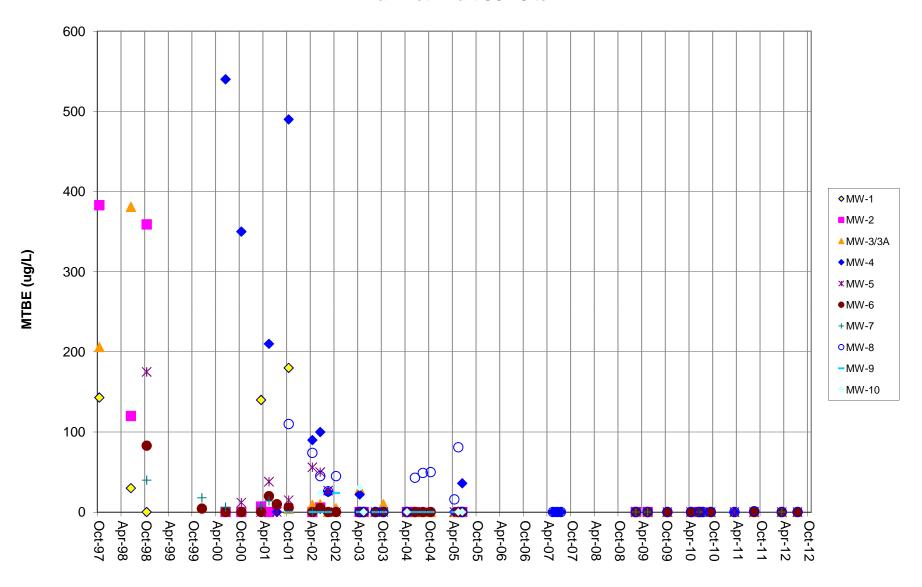
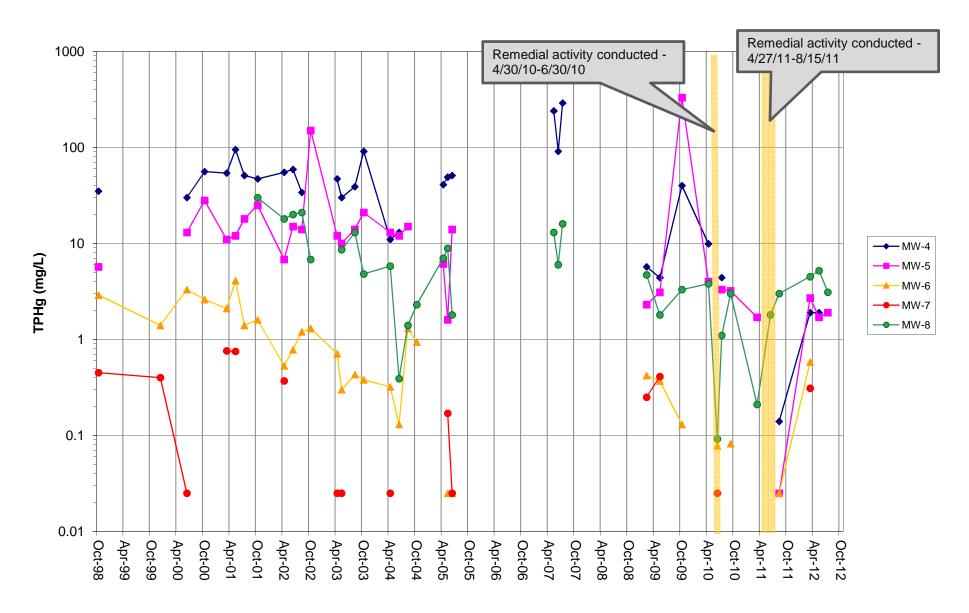


FIGURE 9
CONCENTRATIONS OF TPHg IN GROUNDWATER
Mammoth Mart UST Site



# APPENDIX C: DOCUMENTATION

# APPENDIX C: DOCUMENTATION



# PHASE I ESA USERS QUESTIONNAIRE

Party Administering Questionnaire:	Name:	Kristen Bogue, Michael Baker International			
	Phone/Fax:	Please Return Fax to (949) 837-4122; or			
	Email:	kbogue@mbakerintl.com			
Date:					
Time:					
Project Name: Shady Rest Tract					
Project Address and/or APN(s): APNs 035	-010-020-000 and	035-100-003-000			
Client (or user of the Phase I Environmental S	Site Assessment):	Name/Title:			
Town of Mammoth Lakes		Sandra Moberly / CED Director			
Client Phone/FAX/Email:					
(760) 965.3633 / (760)	934-7493	/ smoberly@ town of mammoth lakes.ca.			
Reason Phase I is required:		gov .			
Town is purchasing	property	<b>5</b> .			
Type of property:					
Residential					
Type of property transaction (e.g., sale, purcha	ase, exchange):				
purchase					
Complete and Correct Address of the property	and APN(s):				
1699 Tavern Road (0)	35 -	-000) / 33 Center Street (035-100-			
All Parties that will rely on the Phase I report:		003-000			
Town of mammoth takes					
Name and Contact Information for a Site Contact (to be referenced as the Key Site Manager in the Phase I ESA):					
Grady Dutton, PW Di	rector /	Sandra Moberly CEW Director			
Any special terms or conditions:					
Any information pertaining to any pending the	notonod or nost liki	gation and/or administrative proceedings relevant to			
hazardous substances or petroleum products in	n, on, or from the p	property.			

Any information pertaining to any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.
(1). Environmental cleanup liens that are filed or recorded against the property (40 CFR 312.25).
Have you done a search of recorded land title records (or judicial records where appropriate, see Note 1 below) to identify any environmental liens filed or recorded against the property under Federal, tribal, State, or local law?
Note 1 – In certain jurisdictions, Federal, tribal, State, or local statues, or regulations specify that environmental liens and activity and use limitations (AULs) be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.
If Yes, Describe:
(2). Activity and use limitations (AULs) that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and (iv)).
Have you done a search of recorded land title records (or judicial records where appropriate, see Note 1 above) to identify any AULs, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded against the property under Federal, tribal, State, or local law? Yes X No
If Yes, Describe:
(3). Specialized knowledge or experience of the person seeking to qualify for the Landowners Liability Protections (LLP) (40 CFR 312.28).
Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes No
If Yes, Describe:
(4). Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).
Does the purchase price being paid for this property reasonably reflect the fair market value of the property? Yes 🗌 No
If no, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?   Yes  No
If Yes, Describe:

(5). Commo	only known or reasonably ascertainable information about the p	property (40 CFR 312.30).			
Are you awarenvironmenta	re of commonly known or reasonably ascertainable information abo al professional to identify conditions indicative of releases or threate as user:	out the property that would help the ened releases? X Yes No			
(-)	David Harris of the same	<b>Y</b> _			
(a)	Do you know the past uses of the property?	Yes 🗆 No			
(b)	Do you know of specific chemicals that are present	— · · · · · · · · · · · · · · · · · · ·			
(=)	or once were present at the property?	☐ Yes 💢 No			
(c)	Do you know of spills or other chemical releases	— <b>-</b>			
(4)	that have taken place at the property?	☐ Yes 🕱 No			
(d)	Do you know of any environmental cleanups that	/			
	have taken place at the property?	☐ Yes 🛣 No			
The Past	Down has a topo map that ic uses were uses cabins.	dentifies drainage courses			
to detec	ree of obviousness of the presence or likely presence of contate the contamination by appropriate investigation (40 CFR 312.3)  If knowledge and experience related to the property, are there any kely presence of contamination at the property?   Yes Note:	obvious indicators that point to the			
(7). Do you l correspo	nave any other pertinent knowledge or experience with the proportions of the proportion conditions of the proportions.	pperty (e.g., prior reports, documents, erty)?			
(a)	Environmental site assessments?	☐ Yes 💆 No			
(b)	Environmental compliance audit reports?	Yes No			
(c)	Environmental permits?	☐ Yes 📈 No			
(d)	Registrations for underground and aboveground storage tanks				
(e)	Material safety data sheets?	☐ Yes 🔀 No			
(f)	Community right-to-known plan?	☐ Yes 🕱 No			
(g)	Safety plans; preparedness and prevention plans; spill prevent				
(3)	countermeasure, and control plans; facility response plans; etc				
(h)					
(i)	Notices or other correspondence from any government agency				
V-7	to past or current violations of environmental laws with respect	_			
	property or relating to environmental liens encumbering the pro				
(b)	Geotechnical studies?	Yes No			
(c)	——————————————————————————————————————				
(d)	Recorded AULs?	☐ Yes 🔀 No			
V = 7					

# TOWN COUNCIL STAFF REPORT

Subject: Shady Rest Parcel Background Report

Meeting Date: October 19, 2016

Written by: Ruth Traxler, Associate Planner

Jennifer Halferty, Executive Director, Mammoth Lakes Housing

# **RECOMMENDATION:**

Consider and discuss the questions provided at the conclusion of this report, related to the provision of affordable housing on the Shady Rest parcel.

# **BACKGROUND:**

# Property Description

The Shady Rest parcel is a 24.5 acre property located adjacent to the Town's Downtown zoning district and several residential zoning districts (Figure 1). The property is heavily forested and the overall terrain is relatively flat. There is a wetland on the northwest portion of the property. Vehicular access is available from Center Street, Shady Rest Road, and Chaparral Road and there is a designated pedestrian access easement providing connectivity to Manzanita Road. In addition, the site is commonly used by the residential areas to the south and west as a pedestrian cut-through to the surrounding commercial districts.

The Shady Rest parcel is governed by the Shady Rest Master Plan (Attachment 1), the Zoning Code (Attachment 2), and the General Plan (Attachment 3), each of which are discussed in this report. A summary of the property's history is provide below.

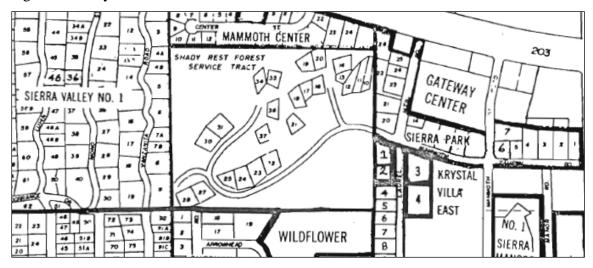
Figure 1. Shady Rest Parcel Aerial Map



# Chronology

In the 1920s, the Shady Rest parcel was used as a site for summer cabins administered by the United States Forest Service. At that time the property was 30 acres in size and was called the Shady Rest Summer Home Tract. As the Town grew, the use of the summer cabins expanded to accommodate full time residency, which was (and still is today) an unpermitted use of Forest Service property.

Figure 2. Shady Rest Summer Home Tract



In the early 1980s, a development group known as the RTS Group initiated a series of land exchanges with the United States Forest Service for several parcels in the Mammoth Lakes area. These land exchanges included five of the 30 acres in the Shady Rest parcel as well as what later became the Gateway Specific Plan (Trails subdivision) area, located on the eastern perimeter of town along Meridian Boulevard. The five acres exchanged at Shady Rest are located on what is today known as Shady Rest Road and were subdivided into private lots. The cabins on the Shady Rest Summer Home Tract were either moved to or rebuilt on Shady Rest Road which created affordable housing by allowing for full time residency.

The exchange for the Gateway Specific Plan area was initiated pursuant to a Memorandum of Understanding (MOU) between the Forest Service, Mono County, and the Mammoth Unified School District, which stated that the lands would be used to help resolve the community's needs for public land uses including schools, affordable housing, and maintenance facilities. In 1981, Mono County adopted General Plan Amendment 81-2 which rezoned the Gateway Specific Plan area from Institutional Public and Protection zoning districts to Affordable Housing in an effort to expedite the land trade with the Forest Service under the conditions of the MOU. It was estimated that approximately 200 low income affordable housing units would be developed on this site.

In 1984, the Town of Mammoth Lakes was incorporated and the zoning districts as established by Mono County remained. However, in July 1986, prior to the completion of the Gateway exchange, the Town adopted the Gateway Specific Plan which changed the zoning from the previous County designation of Affordable Housing to Residential Low

Density. The basis for the decision to allow market rate housing was the incompatibility of high density residential uses with nearby public and industrial uses as well as visual impacts along Meridian Boulevard, an entrance corridor to the Town.

In reference to the loss of potential affordable housing in the Gateway Specific Plan area, the associated Environmental Impact Report incorporated the following mitigation measure:

"The developer shall be required to construct at some location up to 200 additional affordable housing units, as that term is defined in Section 19.39.020 of the Municipal Code in accordance with an approved phased development plan. These units shall be provided within three (3) years from the date of approval of the tentative map or prior to approval of the final for the final phase of the Gateway Subdivision. A time extension or modification of this requirement may be granted by the Town Council if unusual circumstances or unexpected conditions arise to justify such an extension or modification. This requirement is applicable depending on the availability of A-H Zoning or such other zoning regarding affordable housing as may be adopted from time to time by the Town Council." (Site Specific Mitigation Measure #2, Gateway Specific Plan EIR)

The text of the EIR identified the Shady Rest parcel as an "ideal affordable housing site which could accommodate high density, low cost residential development without major infrastructure improvements. Capacity of the site is estimated at 300 housing units" (Gateway Specific Plan EIR, page 50).

In August 1986, the associated Trails Tentative Tract Map (TTM No. 36-161) for a 100-unit subdivision was also approved, with a similar condition to mitigate the loss of the originally proposed affordable housing units in the Gateway area: "If affordable housing units are not provided within the subdivision, the developer should be required to provide replacement housing at some other location (preferably the Shady Rest Tract)." The Gateway land exchange was completed soon after in 1987.

During this same time period, in 1987, the General Plan was adopted by the Town and the Shady Rest parcel was designated for High Density Residential uses (Figure 3). Shady Rest was identified as a target area for the development of primarily low and moderate-income affordable housing as well as for a commercial parking area (Attachment 3). With the adoption of the Town's first Zoning Map in 1989, Shady Rest was zoned Affordable Housing (Figure 4).

Figure 3. General Plan Land Use Map (1987)

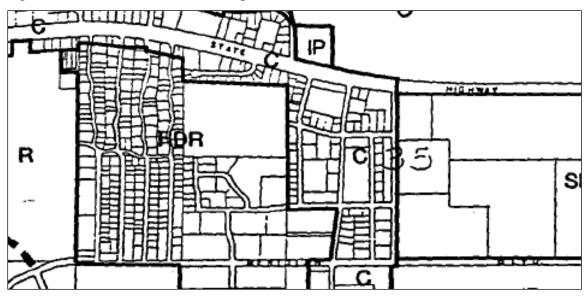


Figure 4. Zoning Map (1989)



In order to satisfy the requirement for 200 affordable housing units, the developer of the Trails subdivision filed a request for a land exchange which includes what is today the 24.5 acre Shady Rest parcel and initiated the required environmental analysis. In 1990 the Town Council adopted a Negative Declaration for up to 172 affordable housing units on the Shady Rest parcel. The Council also directed that a Master Plan for the site include rental units for low and very-low income households and open space and park area. The Master Plan for the Shady Rest parcel was approved by Town Council in 1991

(Attachment 1). The Master Plan set a maximum of 172 units with a mix of 120 low and very low-income and 52 moderate-income units.

The following year, the Council determined that Site Specific Mitigation Measure #2 of the Gateway Specific Plan and the condition of the Trails Tentative Tract Map, that required the "construction . . . of up to 200 affordable housing units" had been met through the adoption of the Shady Rest Master Plan. Council did not require that the housing units be built.

In 1996 a citizens' initiative, "Heart of Mammoth," was filed in response to the progress being made on the development of affordable housing on the Shady Rest parcel. The initiative (96-C), proposed to rezone the site from Affordable Housing to a Special Conservation Planning Area, requiring reduced acreage for affordable housing. Proponents of the initiative cited quality of life and an existing adequate supply of affordable housing as reasons to rezone the property. The initiative appeared on a special election ballot on November 5, 1996 and was opposed by a majority of the voters.

The land exchange with the United States Forest Service for the remaining 24.5 acres of the Shady Rest property was completed in 2002. Since that time, several development proposals for modifications to the Shady Rest Master Plan, Affordable Housing Overlay Zone, and General Plan to allow a more diverse mix of housing types and affordability levels have been reviewed on a conceptual level, but no formal applications have been pursued.

In 2007, an updated General Plan was adopted, which includes specific characteristics for the Shady Rest parcel (Attachment 3). In the General Plan, the property was designated High-Density Residential 1 which allows for up to 12 units per acre. The General Plan identified the property for primarily workforce housing. In 2010, the Downtown Concept for Main Street (Downtown Neighborhood District Plan) was accepted by Council in 2010 (Attachment 4). This District Plan identified Shady Rest as a livable workforce neighborhood with a mix of housing types and affordability levels that includes both market rate and below-market rate units. The conceptual plan showed a density of 235 units (172 units + 35% State Density Bonus).

Most recently, in 2015, the Housing Ordinance was updated to no longer prohibit off-site affordable housing mitigation on Shady Rest parcel (Ordinance 15-03). However, because inclusionary housing mitigation is no longer required, the property is unlikely to be used for off-site mitigation, though required housing mitigation fees could be used towards a project at Shady Rest.

# **DISCUSSION:**

The Shady Rest parcel today remains designated High-Density Residential 1 (HDR-1) in the General Plan and Residential Multi-Family 1 (RMF-1) with an Affordable Housing (AH) Overlay Zone in the Zoning Code. The Shady Rest Master Plan limits the site density to 172 units plus density bonuses allowed pursuant to State law and Town provisions. The details of each of these governing documents are provided below. In

addition, descriptions of the ways in which the Housing Element and the Downtown Neighborhood District Plan relate to the Shady Rest parcel have been included.

### General Plan

The General Plan establishes the priorities that define the community and guidelines for the future. It was originally adopted in 1997 and most recently amended in 2015. The General Plan addresses the Shady Rest parcel in the Neighborhood and District Character Element and the Land Use Element (Attachment 3). The Housing Element is discussed separately, below.

The Neighborhood and District Character Element describes the characteristics of specific neighborhoods and commercial areas. Desired characteristics and objectives of the Shady Rest parcel are as follows:

- 1. A livable in-town neighborhood for the workforce:
  - a. Not fractional, not second homes
  - b. Mechanisms to ensure units remain at determined rates in perpetuity
  - c. Variety of unit size and scale
- 2. Preservation and restoration of unique site features, including wetlands
- 3. A community-oriented design:
  - a. Neighborhood context and connections:
    - Pedestrian and auto connections to adjoining areas and neighborhoods (e.g. Sierra Valley District, Tavern Road, Main Street, and Center Street)
    - ii. Traffic calming and management with adjoining neighborhoods
    - iii. Trail and pedestrian emphasis
    - iv. Transit accessible
  - b. Integrated site planning and architectural design:
    - i. Accessible wetlands and community park(s)
    - ii. Significant tree preservation
    - iii. Unobtrusive, articulated buildings
    - iv. Minimum paving, maximum permeable surface
    - v. High quality materials
    - vi. Parking
    - vii. Energy efficient design
    - viii. Innovative snow management
- 4. A future catalyst to surrounding commercial areas
- 5. Developed in phases:
  - a. High quality of living throughout (no disparity, grouping or phasing by income)
  - b. Reasonable product absorption rate
- 6. Long-term affordability:
  - a. Durability of materials and design
  - b. Designed for low operating and maintenance costs and energy efficiency
  - c. Transit accessibility
- 7. Provision of key resident amenities such as:
  - a. Child care

## b. Active and passive recreation

In the Land Use Element, the Shady Rest parcel is designated High-Density Residential 1 (HDR-1). This designation allows for multi-unit residential development, up to a maximum of 12 units per acre. The Land Use Element states that the "Shady Rest Tract is intended primarily for workforce housing." Under the General Plan, a total of approximately 294 housing units, plus potential density bonuses through the Town's density bonus program and the State Density Bonus Law could be permitted.

# Housing Element

The State of California requires each city and county to adopt a Housing Element as a part of their General Plan and that each Housing Element must be updated on a regular basis, either a four and a half or eight year cycle, depending on coordination with regional transportation planning. Housing Element compliance is a requirement for state and federal affordable housing capital. Should the Town not have a certified Housing Element, it would be ineligible for HOME, CDBG, and other commonly used funds.

Housing Element law mandates that local governments adequately plan to meet the existing and projected housing needs of all economic segments of the community within each element cycle. Each jurisdiction is given a number of housing units to be provided during the planning cycle, broken down by incomes. This is called the Regional Housing Need Allocation (RHNA) process. The State Housing and Community Development department is required to determine the RHNA. The RHNA is based on Department of Finance population projections and regional population forecasts.

The Town of Mammoth Lakes' current Housing Element has a RHNA of 74 units that it must demonstrate it has the ability to accommodate. Below, Table 1 (Table 4-45 of the Housing Element) indicates the sites which may accommodate the Town's current RHNA, including a limited number of the housing units described in the Shady Rest Master Plan. Since the Town's last Housing Element update, one of the projects listed in the table below (Old Mammoth Place) has been approved to pay the required housing mitigation fee and will not be providing the units as shown.

As a result of the changes to the Town's Housing Ordinance in 2015, inclusionary housing mitigation for new development is no longer required. It is unlikely that as previously projected, that Shady Rest will be used for off-site housing mitigation. However, required housing mitigation fees collected by the Town could be used towards a project at Shady Rest. Shady Rest has historically played a key role in meeting the RHNA.

The present Housing Element addresses the current and projected need over a four and a half year time-frame (2014 – 2019) based on the Department of Finance's population projections. In 2011, Mammoth Lakes Housing (MLH) procured a housing needs assessment from RRC Associates. RRC Associates collected local data through five surveys in addition to secondary sources such as the U.S. Census. The outcome of that needs assessment indicate that in 2015 Mammoth Lakes had a housing shortage of 216 to 329 homes, depending on the rate of job growth.

Table 1. Housing Element Table 4-45

Table 4-45 Housing Sites Subject to Approved Permits, Plans, or Affordable Housing Overlay Zoning

Site or Project Name	Site Size (Acres)	APN	Zoning	General Plan	Permitted Density (DU/Acre)	Maximum Unit Potential	Estimated Actual Production of Housing Units
1. Holiday Haus	1.55	33-10-017, 33-	Mixed Lodging/	C-1	12 Units/	18.6 Units <u>or</u>	14 Units
		110-01	Residential (MLR)		80 Rooms*	124 Hotel Rooms	
2. Shady Rest Master Plan	25.00	35-010-20	RMF-1 (AH)	HDR-1	12 Units	172 Units	60 Units
3. Clearwater Specific Plan/Old Mammoth Place	6.09	35-230-06	Clearwater Specific	CSP	12 Units/	73 Units <u>or</u>	8 Units
		35-230-07	Plan (CSP)		80 rooms*	488 Hotel Rooms	
4. MMSA Arrowhead Road	1.24	35-16-083	RMF-2	HDR-2	12 Units	15 Units	15 Units
5. Lodestar Housing Site	3.6	33-33-062	R	R	8 Units	30 Units	30 Units
6. Snowcreek Master Plan	143	40-07-011	R	R	8 Units	790 Units <u>and</u>	47 Units
						200 Hotel Rooms	
7. Ettinger, 2144 Old Mammoth Road	1.09	22-242-14	RMF-1	HDR-1	12 Units	12 Units	10 Units
8. Tihana Townhomes, 48 Lupin Street	0.53	33-122-08	RMF-1	HDR-1	12 Units	9 Units**	9 Units
9. Saraf, 41 Manzanita Road	0.49	33-125-01	RMF-1	HDR-1	12 Units	6 Units	4 Units***
10. Hill Duplex, 200 Lupin Street	0.23	33-143-014	RMF-1	HDR-1	12 Units	2 Units	2 Units
11. Large Vacant/Underutilized RMF Sites (See	5.83	Various (see	RMF-1	HDR-1	12 Units	70 Units	48 Units
Table 4-47 for detail)		Table 4-47)					
						Total	247 Units

<sup>\*</sup> The Town specifies permitted density for hotels and lodging uses in terms of rooms per acre.

Source: Town of Mammoth Lakes Community and Economic Development Department, 2014

<sup>\*\*</sup> Nine units permitted by use permit, based on Zoning Code Update allowing one-bedroom units up to 850 sf to equal one half unit of density.

<sup>\*\*\*</sup> Two units exist on this site, for a net addition of four units.

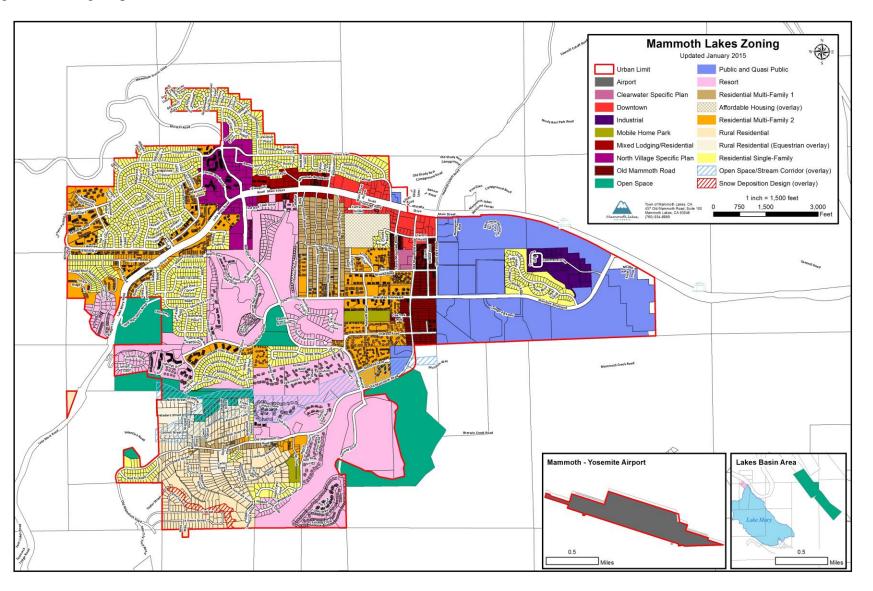
# **Zoning Code**

The Town's Zoning Code is the tool used to implement the General Plan and is amended on a regular and as-needed basis. The Shady Rest parcel is zoned Residential Multi-Family (RMF-1) 1 with an Affordable Housing (AH) Overlay Zone (Attachment 2). Permitted uses in the AH Overlay Zone are single and multi-family residential units for very low, low, and moderate income households. This does not include the Town's defined "workforce housing" category, which allows for a higher affordability and income level. Accessory and temporary uses incidental to permitted uses are also allowed. The underlying density allowed by the Zoning Code is 12 units per acre, for a total of approximately 294 units, plus potential density bonuses through the Town's density bonus program and the State Density Bonus Law.

Pursuant to State Density Bonus Law, a density bonus of 20-35% shall be approved according to the percentage of units that are restricted to very low, low, and moderate-income households. Very low-income households are defined by the State of California as 0-30% of area median income, low-income households are 30-80% of area median income, and moderate-income households are defined as 80-120% of area median income (California Health and Safety Code).

The Zoning Code also includes a density bonus provision which allows for greater or lesser density bonuses of up to twice the density of the permitted density, pursuant to General Plan Policy L.2.D. The density increase amount is not specified, but is instead dependent on the qualifications of a specific project.

Figure 5. Zoning Map (2015)



## Shady Rest Master Plan

The Shady Rest Master Plan was approved by Town Council in 1991 and sets a maximum of 172 units with a mix of 120 very low and low-income apartments and 52 moderate-income housing units on the property. In Mono County, those household incomes range from \$20,050 to \$97,450 for a family of three. The Master Plan recommends that at least a third of the units be very low income, a third low income and the rest moderate income units. The State Density Bonus Law and the Town's density bonus provisions may be approved subject to the affordability levels and qualifications of the project, as described previously.

The Master Plan also calls for any project to include an open space/park area of approximately six acres to be dedicated to the Town. One of the conditions of approval allows for reductions in applicable development standards and public works requirements to be considered by the Town if construction savings could be demonstrated as being passed onto the project residents.

# Downtown Neighborhood District Plan

District planning was initiated by the adoption of the updated General Plan in 2007 in order to implement planning of neighborhoods and districts and to provide for additional analysis of a specific geographic area. The district planning process recognizes that many areas of the community have special considerations or conditions for which more focused, community-driven planning should be undertaken. District Planning allows for the desired form, function, and character of an area to be defined, setting the stage for future Town actions, such as revised development standards, development of new facilities or improvements, and consideration of development proposals that may come forward.

The Downtown Neighborhood District Plan (DNDP) was accepted by Town Council in 2010. The goal of the DNDP was to develop directed and strategic planning and policy recommendations for the Downtown area, which included Main Street, North Old Mammoth Road, and the Shady Rest parcel.

The DNDP identified Shady Rest as a livable workforce neighborhood, convenient to amenities, services, and transit. The Plan envisioned development on the property as a mix of housing types, including small lot single-family homes to townhomes and apartments. A range of affordability levels were proposed that included both market rate and below-market rate units. The preferred concept also identified community facilities, and one or more neighborhood parks to serve local residents and provide a buffer between adjacent neighborhoods. The development concept (Figure 6) shows a density of 235 units (172 units + 35% State Density Bonus).

Figure 6. Downtown Neighborhood District Plan – Shady Rest Site Development Concept



# FINANCIAL CONSIDERATIONS:

Staff time on this report is supported by the General Fund. Any development applications submitted for Shady Rest and associated staff time would be paid for by the property owner or applicable developer.

# **ENVIRONMENTAL CONSIDERATIONS:**

CEQA analysis for any development applications will be reviewed.

# **LEGAL CONSIDERATIONS:**

Government Code Section 65863, or the "no net loss rule," has been discussed in the context of the Shady Rest parcel. Government Code Section 65863 requires that Town "shall ensure that it can accommodate its share of the regional housing need pursuant to Section 65584 [Regional Housing Needs Allocation as provided for by the State], throughout the planning period." The current "planning period" for this Housing Element is 2014 – 2019 and the Regional Housing Needs Allocation is 74 units, as shown in Table 2. The estimated production of housing units at Shady Rest in the Housing Element is 60 units (with a maximum unit potential of 172). Any development application for the Shady Rest parcel will be evaluated for its impact on the Town's capacity to meet the Regional Housing Needs Allocation.

Table 2. Housing Element Table 4-44

#### Table 4-44 Regional Housing Need Allocation (RHNA) Plan (January 2014 - June 2019) Jurisdiction Extremely Low Very Low Low Moderate Above-Moderate Total 9 Mammoth Lakes 8 12 14 31 74 Percentage of Total 10.8% 16.2% 18.9% 41.9% 100% 12.2% 62% Unincorporated Mono County 5 6 7 9 19 46 Percentage of Total 10.9% 41.3% 100% 13.0% 15.2% 19.6% 38% Total 13 15 19 23 50 120

Source: Regional Housing Needs Allocation Plan (Jan. 1, 2014 - June 30, 2019)

# **RECOMMENDATION:**

Staff recommends that the Town Council review the staff report and discuss and provide direction on the following questions related to Shady Rest:

- 1) Does the Town Council see a need for additional affordable housing?
- 2) Is the Town Council committed to the provision of affordable housing on the Shady Rest parcel?

If so, the following questions address the provision of affordable housing as required by the Zoning Code and the General Plan.

a) Is there a commitment to the requirements of the Affordable Housing Overlay Zone as described in the Zoning Code?

The Shady Rest parcel is the only property in town designated with an Affordable Housing (AH) Overlay Zone. Permitted uses in the AH Overlay Zone are single and multi-family residential units for very low (0-30% median income), low (30-80% median income), and moderate income (80-120% median income) households. This does not include the Town's defined "workforce housing" category, which allows for a higher affordability and income level (120% and higher median incomes). Accessory and temporary uses incidental to permitted uses are also allowed. The underlying density allowed by the Zoning Code is 12 units per acre, for a total of approximately 294 units, plus potential density bonuses through the Town's density bonus program and the State Density Bonus Law.

b) Is there commitment to the description of the Shady Rest parcel in the General Plan?

The General Plan characterizes the Shady Rest site as "a livable in-town neighborhood for the workforce" which requires the housing units remain at determined rates in perpetuity. The site is designated High-Density Residential 1 which allows for up to 12 units per acre, consistent with the Zoning Code. The General Plan also identifies the site for affordable and workforce housing. A total of approximately 294 affordable and workforce housing units, plus potential density bonuses through the Town's density bonus program and the State Density Bonus Law could be permitted.

3) To address community housing needs, would the Town Council consider alternative development proposals for the Shady Rest parcel, which may require amendments to the Shady Rest Master Plan, the Zoning Code, and/or the General Plan?

For example, a new or amended Master Plan would be required if any development other than up to 172 units of affordable housing units (plus applicable density bonuses) were proposed, including 120 low and very low (0-80% median income) units and 52 moderate income (80-120% median income) units.

An amendment to the Zoning Code would be required if any development other than very low, low, or moderate income housing units and uses accessory to this housing were developed.

An amendment to the General Plan would be required if the site would not be developed primarily with workforce housing or the proposed development would not conform to the Shady Rest neighborhood characteristics. Additionally, an amendment may be required if the development included fractional or second homes or did not include mechanisms to ensure units remained at determined rates in perpetuity. Transient rentals are prohibited.

#### **Attachments:**

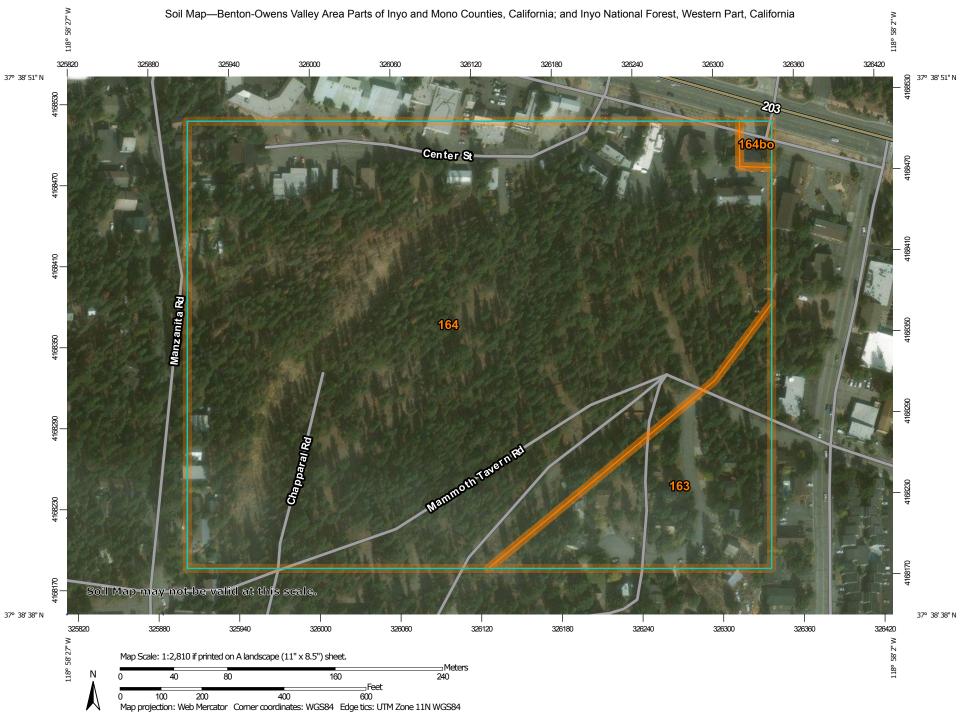
Attachment 1: Shady Rest Master Plan

Attachment 2: Zoning Code, Section 17.32.020, Affordable Housing Overlay Zone

Attachment 3: General Plan, excerpts from the Neighborhood and District Character and Land Use Elements

Attachment 4: Housing Element (available online at: <a href="http://www.ci.mammoth-lakes.ca.us/index.aspx?nid=636">http://www.ci.mammoth-lakes.ca.us/index.aspx?nid=636</a>)

Attachment 5: Downtown Neighborhood District Plan (available online at: <a href="http://www.ci.mammoth-lakes.ca.us/index.aspx?NID=133">http://www.ci.mammoth-lakes.ca.us/index.aspx?NID=133</a>)



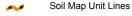
#### MAP LEGEND

#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

Soil Map Unit Polygons



Soil Map Unit Points

#### **Special Point Features**

Blowout

Borrow Pit 

\* Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill ۵

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot Sandy Spot

Severely Eroded Spot 0

Sinkhole

Slide or Slip

Sodic Spot

å Stony Spot

00 Very Stony Spot

Spoil Area

Wet Spot Other

Special Line Features

#### **Water Features**

Δ

Streams and Canals

#### Transportation

Rails ---

Interstate Highways

**US Routes** 

Major Roads

Local Roads

#### Background

Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Benton-Owens Valley Area Parts of Inyo and Mono Counties, California

Survey Area Data: Version 15, Sep 13, 2017

Soil Survey Area: Inyo National Forest, Western Part, California

Survey Area Data: Version 6. Sep 11, 2017

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 15, 2011—Feb 3. 2017

# **MAP LEGEND**

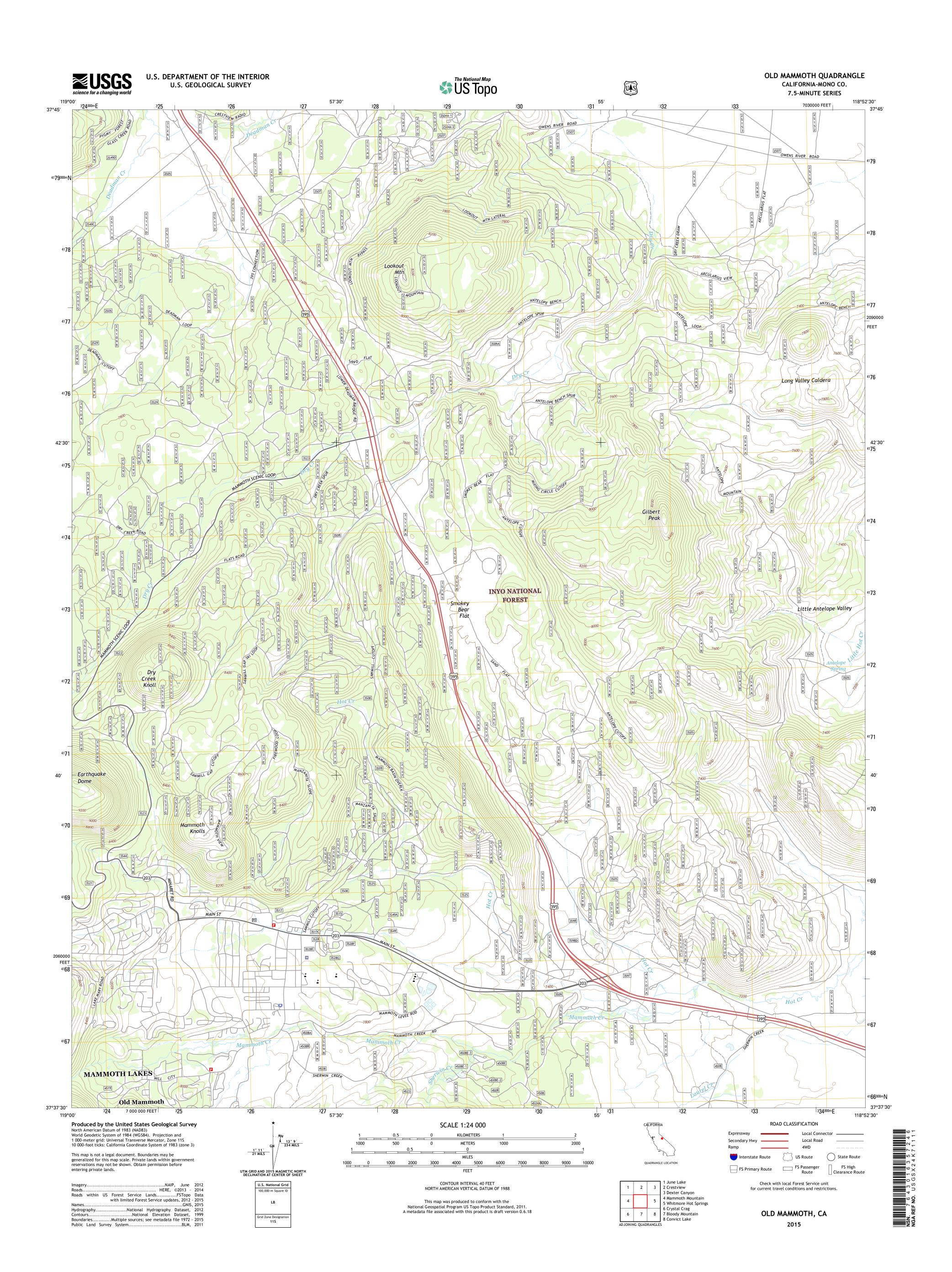
# **MAP INFORMATION**

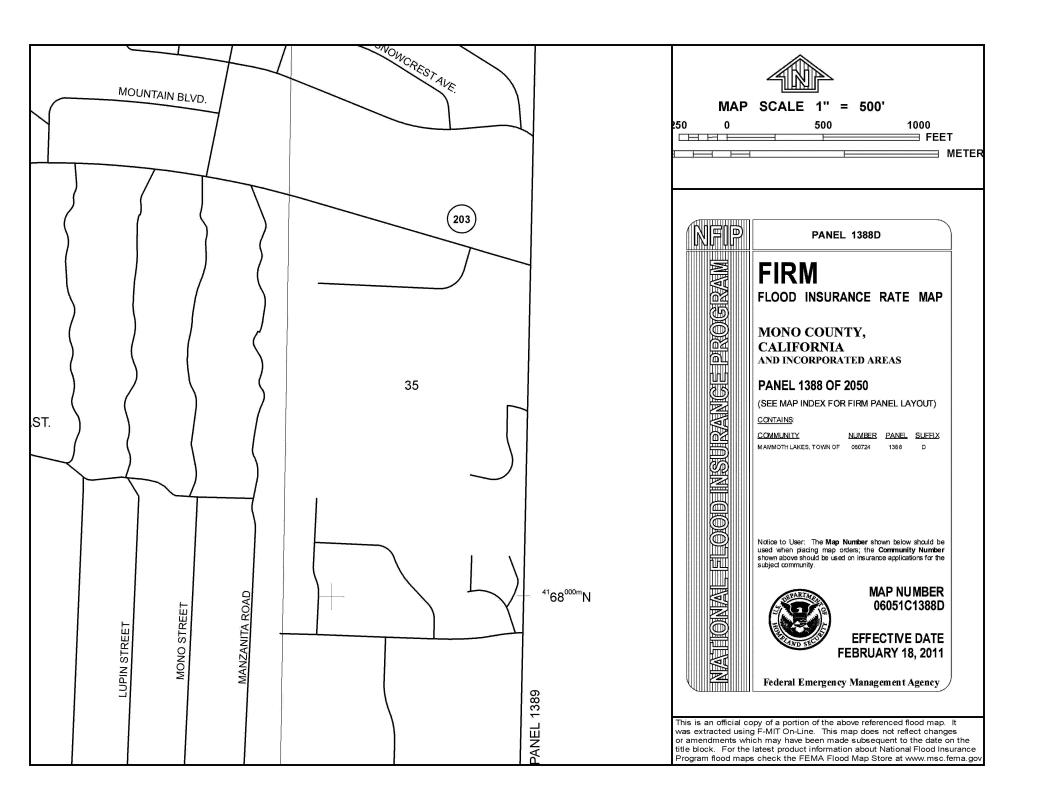
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

# **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
163	Chesaw family, 0 to 5 percent slopes	4.7	13.1%
164	Chesaw family, 5 to 15 percent slopes	30.8	86.4%
Subtotals for Soil Survey Are	a	35.5	99.4%
Totals for Area of Interest		35.7	100.0%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
164bo	Chesaw family, 5 to 15 percent slopes	0.2	0.6%
Subtotals for Soil Survey Area	1	0.2	0.6%
Totals for Area of Interest		35.7	100.0%







# **Shady Rest Tract**

33 Center Street & 1699 Tavern Road Mammoth Lakes, CA 93546

Inquiry Number: 5106528.12

November 14, 2017

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

11/14/17

Site Name: Client Name:

Shady Rest Tract 33 Center Street & 1699 Taver Mammoth Lakes, CA 93546 EDR Inquiry # 5106528.12 Michael Baker International 14725 Alton Parkway Irvine, CA 92618 Contact: Jessica Ditto



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

#### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Acquisition Date: August 26, 1998	USGS/DOQQ
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1985	1"=500'	Flight Date: August 10, 1985	USDA
1979	1"=500'	Flight Date: January 01, 1979	USGS
1975	1"=500'	Flight Date: January 01, 1975	USGS
1951	1"=500'	Flight Date: January 01, 1951	USGS

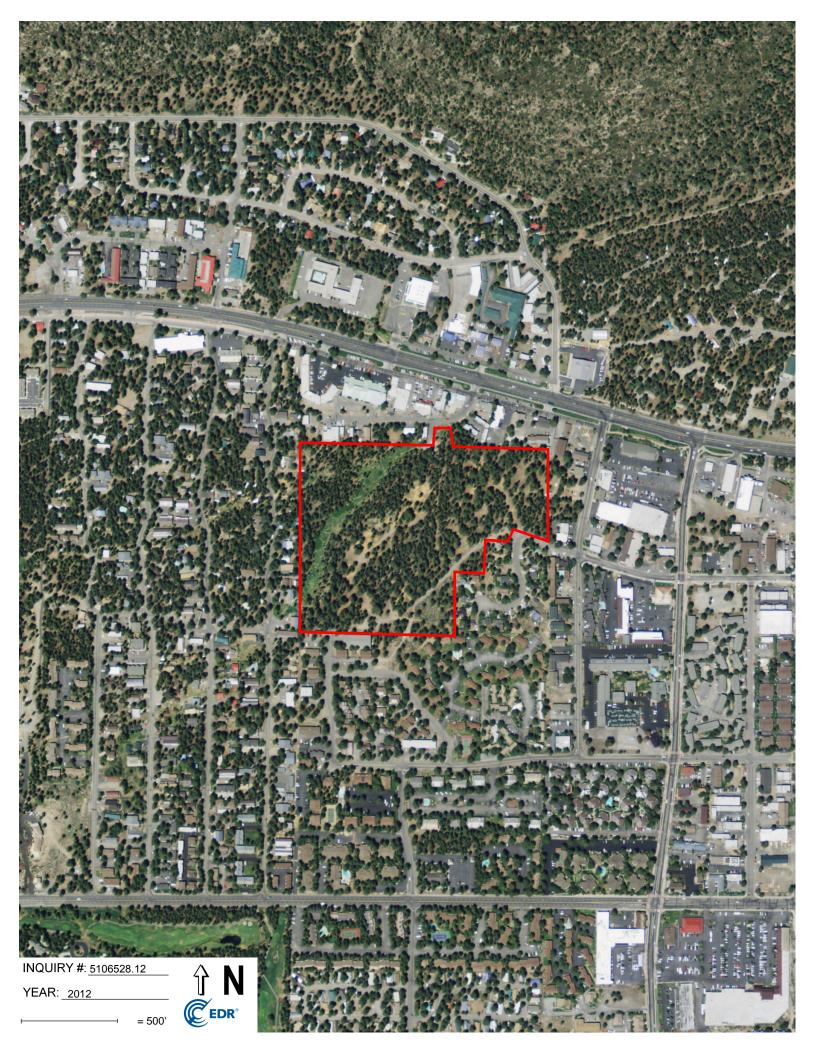
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

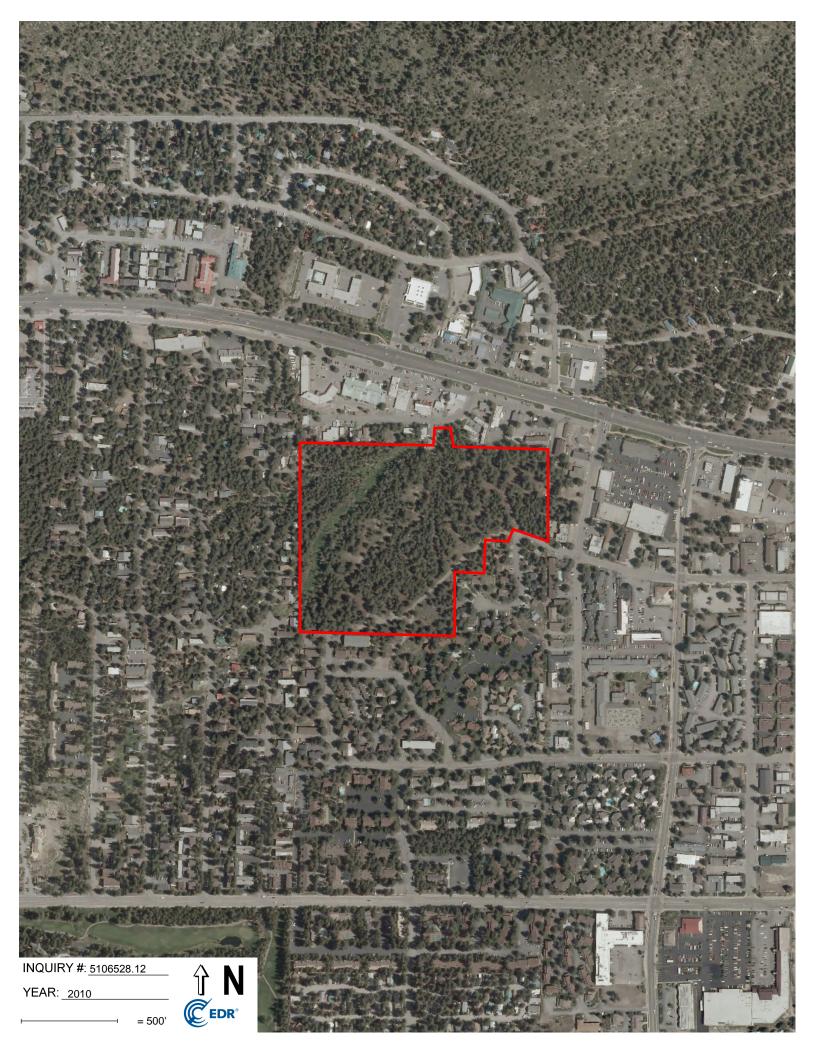
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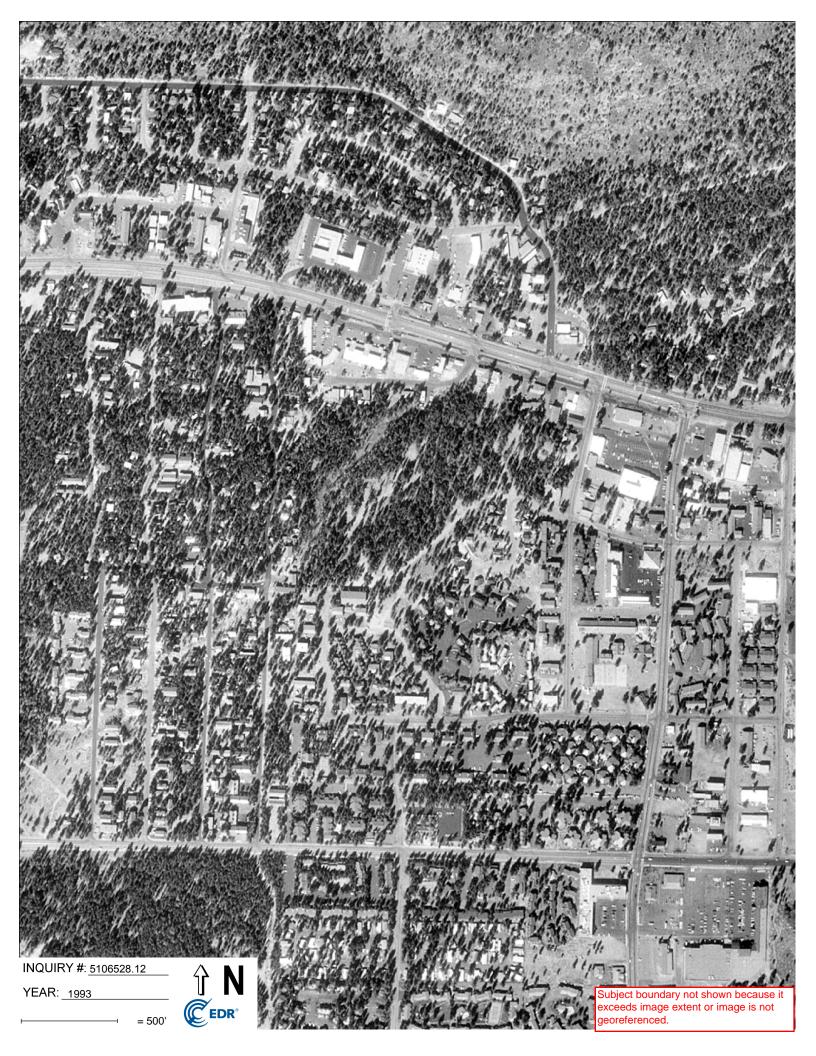


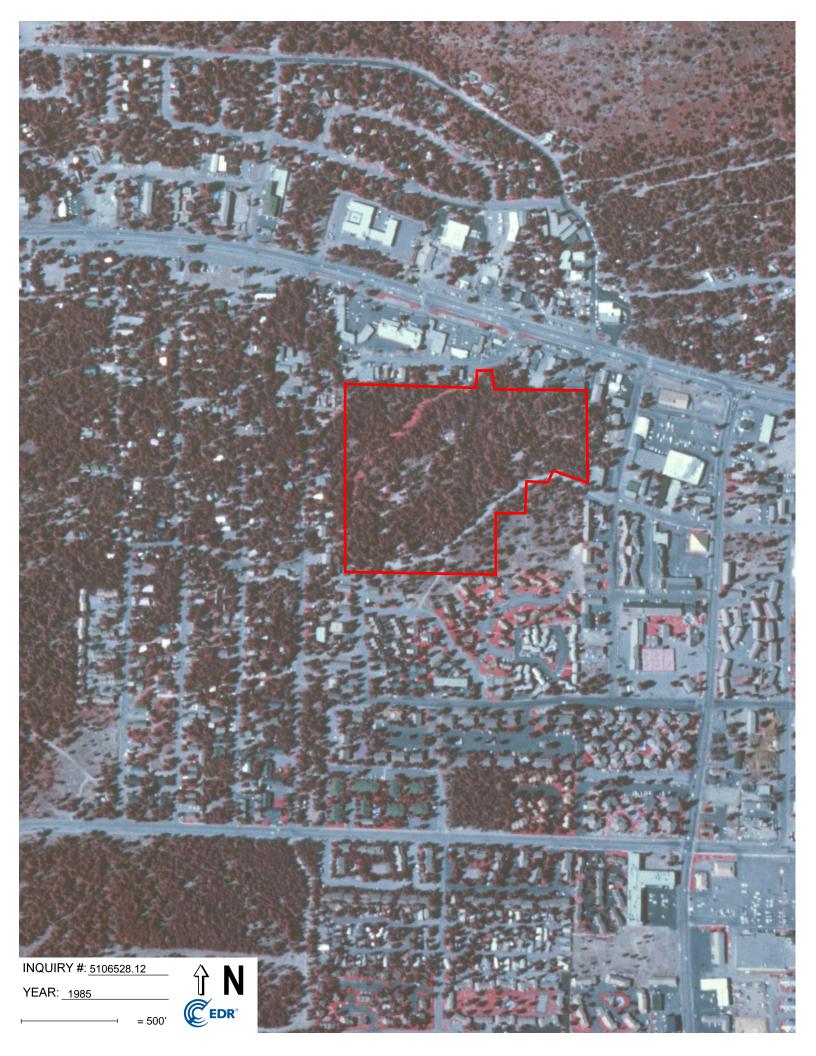


















Shady Rest Tract 33 Center Street & 1699 Tavern Road Mammoth Lakes, CA 93546

Inquiry Number: 5106528.4

November 13, 2017

# **EDR Historical Topo Map Report**

with QuadMatch™



## **EDR Historical Topo Map Report**

11/13/17

Site Name: Client Name:

Shady Rest Tract 33 Center Street & 1699 Taven Mammoth Lakes, CA 93546 EDR Inquiry # 5106528.4 Michael Baker International 14725 Alton Parkway Irvine, CA 92618 Contact: Jessica Ditto



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Michael Baker International were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

ults:	Coordinates:	
163307 Task ODC	Latitude:	37.645364 37° 38' 43" North
Phase I ESA	Longitude:	-118.971272 -118° 58' 17" West
	UTM Zone:	Zone 11 North
	UTM X Meters:	326088.66
	UTM Y Meters:	4168296.28
	Elevation:	7871.93' above sea level
	163307 Task ODC	163307 Task ODC  Phase I ESA  Longitude:  UTM Zone:  UTM X Meters:  UTM Y Meters:

#### **Maps Provided:**

2012

1994

1983

1953

1914

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

#### 2012 Source Sheets



Bloody Mountain 2012 7.5-minute, 24000



Old Mammoth 2012 7.5-minute, 24000

#### 1994 Source Sheets



Old Mammoth 1994 7.5-minute, 24000 Aerial Photo Revised 1993



Bloody Mtn. 1994 7.5-minute, 24000 Aerial Photo Revised 1993

### 1983 Source Sheets



Bloody Mountain 1983 7.5-minute, 24000 Aerial Photo Revised 1979



Old Mammoth 1983 7.5-minute, 24000 Aerial Photo Revised 1979



Bloody Mtn 1983 7.5-minute, 24000 Aerial Photo Revised 1979

#### 1953 Source Sheets



Mt. Morrison 1953 15-minute, 62500 Aerial Photo Revised 1951

## Topo Sheet Key

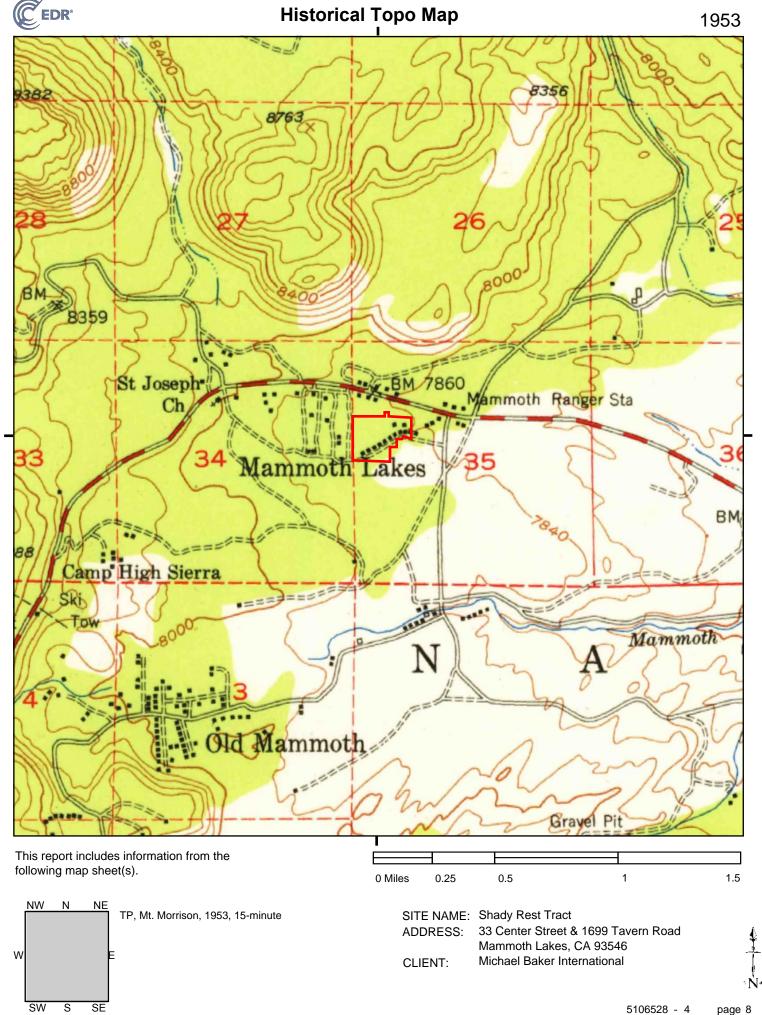
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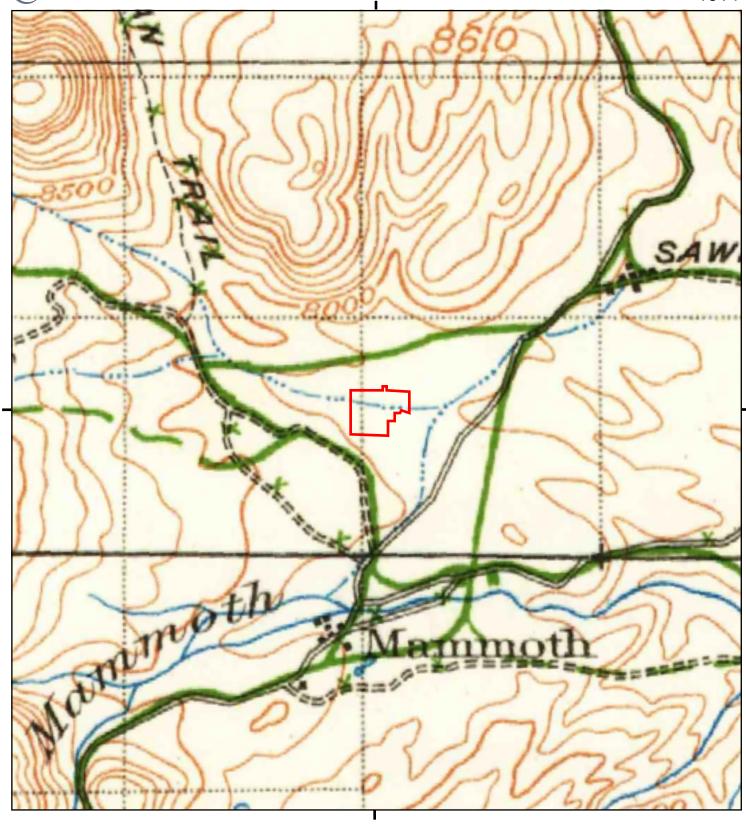
## 1914 Source Sheets



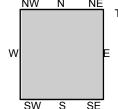
Mt. Morrison 1914 30-minute, 125000

S





This report includes information from the following map sheet(s).



TP, Mt. Morrison, 1914, 30-minute

SITE NAME: Shady Rest Tract

0.25

0 Miles

ADDRESS: 33 Center Street & 1699 Tavern Road

Mammoth Lakes, CA 93546

CLIENT: Michael Baker International

0.5



1.5

## **Shady Rest Tract**

33 Center Street & 1699 Tavern Road Mammoth Lakes, CA 93546

Inquiry Number: 5106528.5

November 14, 2017

# The EDR-City Directory Image Report



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#### **SECTION**

**Executive Summary** 

**Findings** 

**City Directory Images** 

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

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#### **EXECUTIVE SUMMARY**

## **DESCRIPTION**

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

#### **RECORD SOURCES**

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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#### **RESEARCH SUMMARY**

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

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2014			<b>EDR Digital Archive</b>
2010			<b>EDR Digital Archive</b>
2005			<b>EDR Digital Archive</b>
2000			<b>EDR Digital Archive</b>
1995			<b>EDR Digital Archive</b>
1992			<b>EDR Digital Archive</b>
1987			EDR Digital Archive
1982			<b>EDR Digital Archive</b>
1977			EDR Digital Archive

## **FINDINGS**

## TARGET PROPERTY STREET

33 Center Street & 1699 Tavern Road Mammoth Lakes, CA 93546

<u>Year</u>	CD Image	Source	
CENTER			
2014	pg A1	EDR Digital Archive	
2010	pg A5	EDR Digital Archive	
2000	pg A11	EDR Digital Archive	
CENTER ST			
<u> </u>			
2014	pg A2	EDR Digital Archive	
2010	pg A6	EDR Digital Archive	
2005	pg A9	EDR Digital Archive	
2000	pg A12	EDR Digital Archive	
1995	pg A14	EDR Digital Archive	
1992	pg A17	EDR Digital Archive	
1987	pg A19	EDR Digital Archive	
1982	-	EDR Digital Archive	Target and Adjoining not listed in Source
1977	-	EDR Digital Archive	Target and Adjoining not listed in Source
TAVERN RD			
2014	pg A3	EDR Digital Archive	
2010	pg A7	EDR Digital Archive	
2005	pg A10	EDR Digital Archive	
2000	pg A13	EDR Digital Archive	
1995	pg A15	EDR Digital Archive	
1992	pg A18	EDR Digital Archive	
1987	pg A20	EDR Digital Archive	
1982	-	EDR Digital Archive	Target and Adjoining not listed in Source
1977	-	EDR Digital Archive	Target and Adjoining not listed in Source

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## **FINDINGS**

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

## **TAVERN RD STE 201**

2014 pg A4 EDR Digital Archive 2010 pg A8 EDR Digital Archive

## **TAVERN ROAD**

1987 pg A21 EDR Digital Archive

## **TAVERN ST**

1995 pg A16 EDR Digital Archive

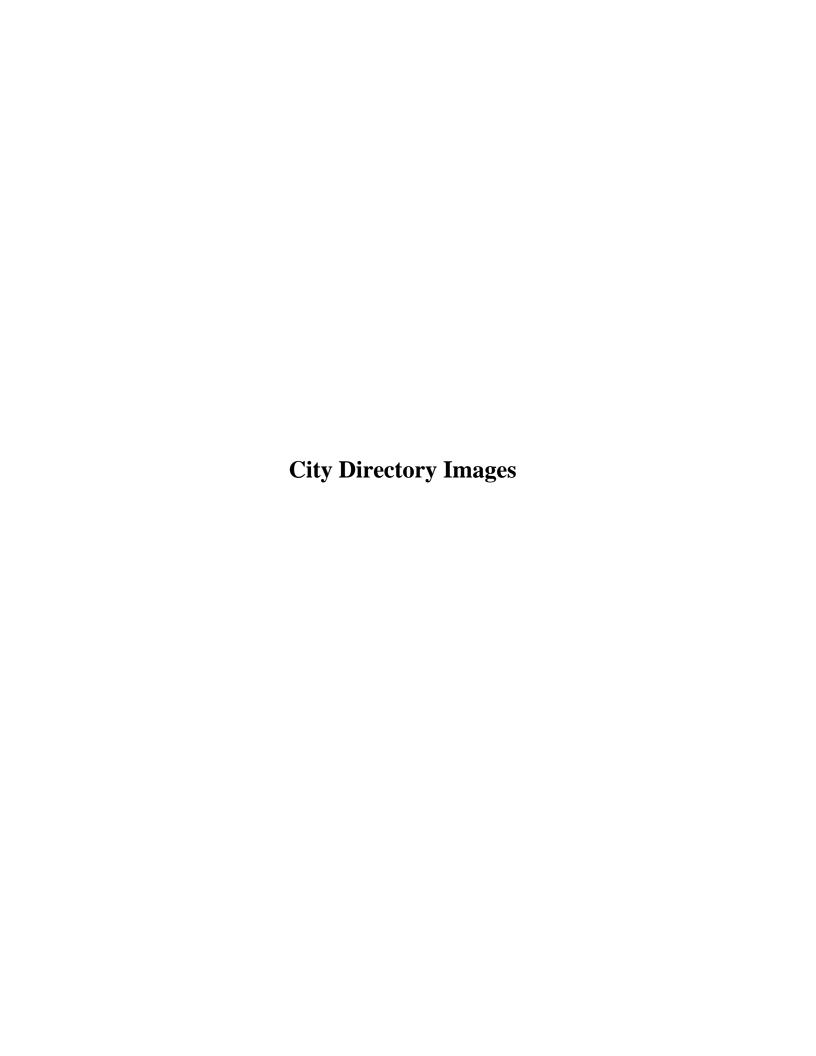
5106528-5 Page 3

## **FINDINGS**

## **CROSS STREETS**

No Cross Streets Identified

5106528-5 Page 4



Target Street	Cross Street	<u>Source</u>
✓	-	EDR Digital Archive

# CENTER 2014

129	RED, LILY

## CENTER ST 2014

	CENTER ST	2014	
19	EASTSIDE AUTO GLASS		
	MIKA CORP		
	NAPOLITANA, KATHRYN ODONNELL, SHANA		ı
47	ALPINE GARAGE		
	DESSERT, ANGELA		
113	CINNAMON BEAR INN		
129	MAMMOTH LAKES NURSERY VANDERS, PATRICIA		
145	GARCIA, MARCOS A		
161	AMERIGAS PROPANE LP		

## TAVERN RD 2014

	TAVERN RD 2014
128 1401 1404 1422 1440	CREATIVE IMAGE EMBROIDERY DAVIS WES CONSTRUCTION DAVIS, WESLEY L HEIN, AMY ALVARADO, JUAN L AGUINIGA, MARINA ALCALA, MARINA MELENDREZ, PATRICIA
1528 1566	VILLALOBOS, ENRIQUE VILLALPADO, LUIS M SIGMEN PROPERTIES INC CAMPOS, MIGUEL

# **TAVERN RD STE 201 2014**

1422	BLIZZARD PROPERTY MANAGEMENT

Target Street	Cross Street	<u>Source</u>
✓	-	EDR Digital Archive

# CENTER 2010

129	RED, LILY

# CENTER ST 2010

	CENTER ST 2010
19	BRETTON, JAY
	COREAS, CARLOS A EDSON, CHRIS
	GARCIA, ARELLANO
47	MIKA CORP ALPINE GARAGE
113	CINNAMON BEAR INN
129	THUMBS UP MASSAGE MAMMOTH LAKES NURSERY
145	GARCIA, MARCOS
161	MULLINS LAUNDRY & LIN SVC LLC AMERIGAS PROPANE LP

# TAVERN RD 2010

	TAVERN RD	2010
128	CREATIVE IMAGE EMBROIDERY	
	GARCIA, XIMENA	
1401 1404	GALVAN, PATRICIA HEIN, AMY	
1422	ALPINE LANDSCAPE	
	COLE BILL	
1440	LEON, ELVIA VILLALPADO, LUIS M	
1528	SIGMEN PROPERTIES INC	

**TAVERN RD STE 201 2010** 

1422	BLIZZARD PROPERTY MANAGEMENT

# CENTER ST 2005

	CLIVILICO	2003
	LIII(A 0000	
19	MIKA CORP	
47	ALPINE GARAGE	
113	CINNAMON BEAR INN	
113		
	THUMBS UP MASSAGE	
129	MAMMOTH LAKES NURSERY	
161	AMERIGAS PROPANE LP	
101	AWERIGAS PROPANE LP	

# TAVERN RD 2005

	TAVERN RD	2005
128 1390 1401 1404 1422	CREATIVE IMAGE EMBROIDERY WOLFF, STEPHANIE SHAW, PENNY SMITH, CHAD BLIZZARD PROPERTY MANAGEMENT CARRILLO, JUAN C	
1440 1528 1548	COLE BILL LAKESIDE ELECTRIC INC BELTRAN, JUAN SIGMEN PROPERTIES INC LEE D Y	

CENTER 2000

129	ERICKSON, WILLIAM PULLIAM-BOUWMAN, J

CENTER ST 2000

47 113 129	ALPINE GARAGE CINNAMON BEAR INN MAMMOTH LAKES NURSERY

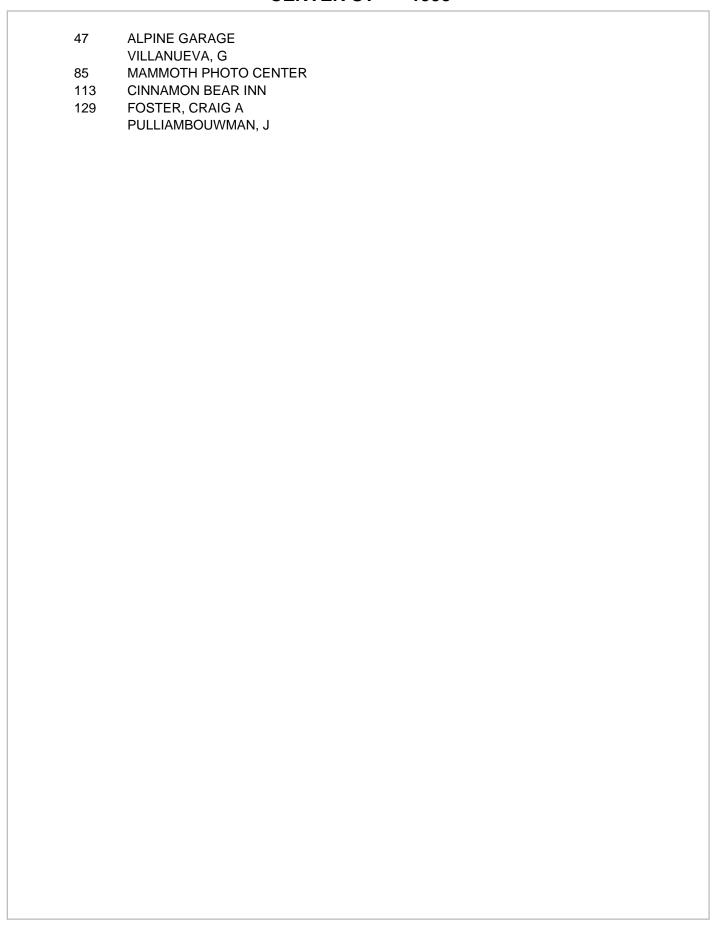
## TAVERN RD 2000

1390	SEVEREID, MICAH
	VERGARA, M M
1404	HUEY, ALAN
1422	ALVARADO, G
	<b>BILLS TOWING &amp; RECOVERY</b>
	FLORES, VICENTE
	RODRIGUEZ, JOSE V
	SIERRA HOME INSPECTION
1440	BELL, RANDALL T
	GOMEZ, MARIA T
	HIRAHARA, ALAN
	MORENO, JOSE G
	WILD, AMY
1528	SIGMEN PROPERTIES INC
1548	LEE D Y

Target Street Cross Street Source

→ EDR Digital Archive

# CENTER ST 1995



Target Street Cross Street Source

→ EDR Digital Archive

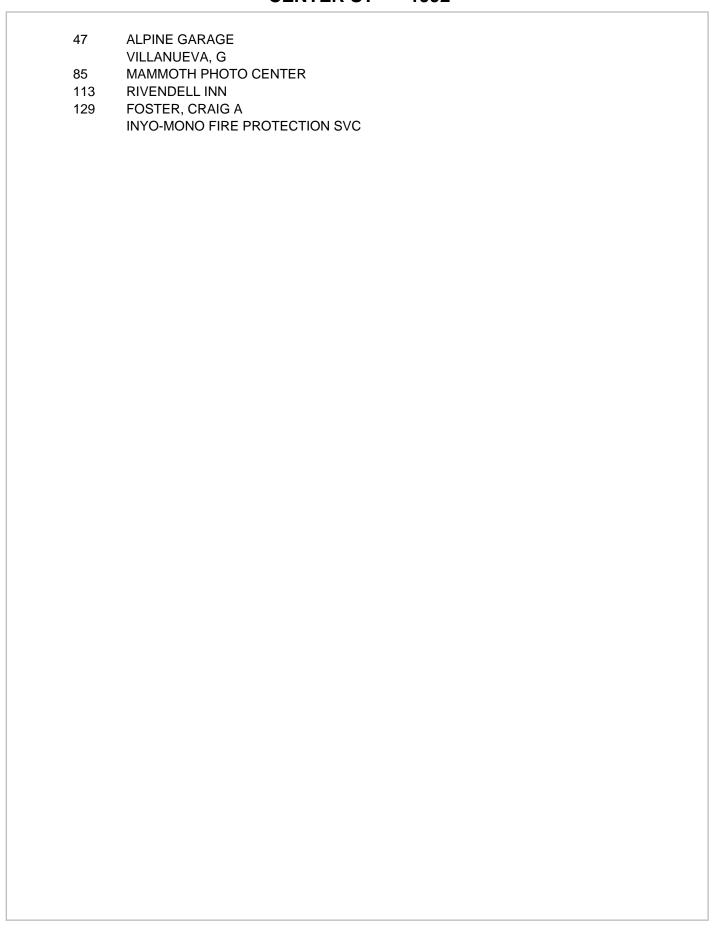
# TAVERN RD 1995

74 PERRYS GLASS WORKS 776 HUNT, JAMES R 1404 KELLY, PATRICK SLATTERY, TIMOTHY J SLATZS PLUMBING INC 1422 SLAGLE, MALCOLM N 1528 MOGUL RESTAURANT INC

# TAVERN ST 1995

1422	ALVARADO, JUAN L

# CENTER ST 1992



Target Street Cross Street Source

→ EDR Digital Archive

# TAVERN RD 1992

	TAVERN RD	1992
74	PERRYS GLASS WORKS	
1404	SLATTERY, TIMOTHY J SLATZ S PLUMBING INC	
1422	ALFROD, HERMAN	
	RODRIGUEZ, JOSE V	
1440	ELLIS, ERIC S	
	FLORES, F	
	GALVAN, SAUL REDLINE, JOHN	
1496	DEL TACO MAMMOTH LAKES 2	

CENTER ST 1987

13 85	LAPPLANDER LODGE ALPINE GARAGE MAMMOTH PHOTO CENTER

# TAVERN RD 1987

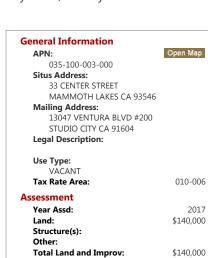
1548	A LEE LODGE

Target Street	Cross Street	<u>Source</u>
✓	-	EDR Digital Archive

# TAVERN ROAD 1987

1556	OFFICE SUPPLIES

#### Barry Beck, County Assessor



## **Exemption Amt: Property Characteristics**

Bedrooms: Baths (Full): Baths (Half): Bldg/Liv Area: Year Built: Lot Acres:

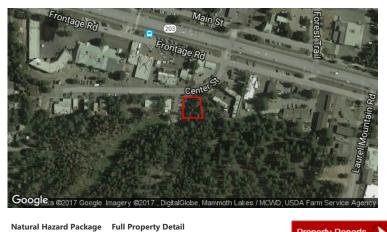
**HO Exempt?:** 

0.190 Lot SqFt: 8,276

**Recent Sale History** 

Recording Date: 08/17/2010 Document #: 2010RI003776 **Transfer Amount:** 

View More History



Natural Hazard Package





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Property Reports

\*\*The information provided here is deemed reliable, but is not guaranteed.

#### Barry Beck, County Assessor



#### **Property Characteristics**

**Exemption Amt:** 

Bedrooms: Baths (Full): Baths (Half): Bldg/Liv Area: Year Built:

Lot Acres: 25.000 Lot SqFt: 1,089,000

#### **Recent Sale History**

Recording Date: 08/17/2010 Document #: 2010RI003776 Transfer Amount:

View More History



Natural Hazard Package





**Full Property Detail** 







\*\*The information provided here is deemed reliable, but is not guaranteed.

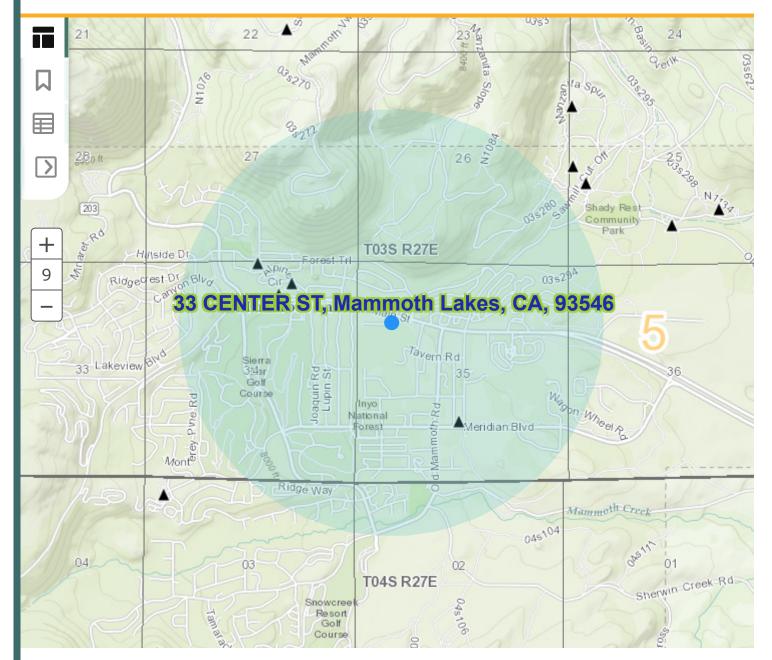
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# Division of Oil, Gas & Geothermal Resources - Well Finder





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# APPENDIX D: QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

# QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

# QUALIFICATIONS AND EXPERIENCE

Phase I Environmental Site Assessments (ESAs) prepared by Michael Baker reflect the most current interpretations of industry standards, which are in accordance with the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments.

#### **KEY PERSONNEL**

This Phase I ESA was overseen by Ms. Kristen Bogue, Environmental Professional, who conducted quality assurance/quality control and document preparation. Document research and records gathering was conducted by Ms. Danielle Regimbal. Site reconnaissance was conducted by Ms. Kristen Bogue and Ms. Jessica Ditto.

# Kristen Bogue

## **Environmental Professional**

Ms. Bogue graduated from the University of California, Irvine, with a degree in Environmental Analysis and Design. Mr. Bogue's professional environmental experience of nine years includes the management, review, and preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), Preliminary Hazardous Material Assessments, Existing Hazardous Material Conditions Assessments, and Environmental Baseline Surveys for the Department of the Navy for sites located throughout California, Arizona, and New Mexico. As an environmental analyst, Ms. Bogue is also involved with preparation of Environmental Documentation compliance with the California Environmental Quality Act (CEQA)/National Environmental Protection Act (NEPA), Visual Impact Assessments (VIAs), field studies, as well as various technical studies in support of CEQA and NEPA. In the past nine years Ms. Bogue has personally evaluated over 250 real properties in California.

# Danielle Regimbal Environmental Analyst

Ms. Regimbal graduated from University of California, Santa Barbara, California, with a degree in Environmental Studies. Ms. Regimbal assists in the preparation of environmental and planning studies for public and private sector clients. As an Environmental Analyst at Michael Baker, Ms. Regimbal is involved with the preparation of several technical studies associated with CEQA documents. Ms. Regimbal's professional environmental experience of 4 years includes the preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), and Preliminary Hazardous Material Assessments for sites located throughout California.

# Jessica Ditto

# **Environmental Analyst**

Ms. Ditto graduated from University of California, Los Angeles, California, with a degree in Communication. As an Environmental Analyst at Michael Baker, Ms. Ditto is involved with the preparation of technical studies in support of environmental documents and the preparation of environmental documents in compliance with CEQA and NEPA. Ms. Ditto's professional experience of 4 years includes the preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), and Preliminary Hazardous Material Assessments for sites located throughout California.