DOCKETED	
Docket Number:	24-OPT-04
Project Title:	Potentia-Viridi Battery Energy Storage System
TN #:	258064
Document Title:	Phase 1 ESA
Description:	The assessment includes visual observation of the Subject Property, inspection of the surrounding properties from adjacent streets, review of historical ownership and use, review of regulatory listings, review of Internet resources, and interviews with persons knowledgeable about the Subject Property
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Submitter Role:	Applicant Representative
Submission Date:	7/26/2024 11:34:39 AM
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Appendix 3.5A Phase 1 ESA



Phase I Environmental Site Assessment Undeveloped Land 17257 Patterson Pass Road – Part of APN 99B-7890-002-04 Alameda County, California 95377 Project No. T42991.01



August 7, 2023



Phase I Environmental Site Assessment Undeveloped Land 17257 Patterson Pass Road – Part of APN 99B-7890-002-04 Alameda County, California 95377 Project No. T42991.01

August 7, 2023

Prepared by:

Tetra Tech, Inc. 17885 Von Karman Avenue, Suite 500 Irvine, California 92614 Phone: 949-809-5000 Fax: 949-809-5010

Prepared for:

Levy Alameda, LLC 155 Wellington Street West, Suite 2930 Toronto, Ontario M5V 3H1 Canada

Attention: Mr. Joel Diaz



August 7, 2023

Levy Alameda, LLC 155 Wellington Street West, Suite 2930 Toronto, Ontario M5V 3H1 Canada

Attention: Mr. Joel Diaz

RE: Phase I Environmental Site Assessment Undeveloped Land 17257 Patterson Pass Road – Part of APN 99B-7890-002-04 Alameda County, California 95377 Project No. T42991.01

Dear Mr. Diaz:

Tetra Tech, Inc. (Tetra Tech) appreciates the opportunity to submit this Phase I Environmental Site Assessment (ESA) report (Report) to Levy Alameda, LLC for the above-referenced property (Subject Property).

Tetra Tech found no recognized environmental conditions (RECs), no historical RECs (HRECs), no potential environmental concerns (PECs), and one business environmental risk (BER) in connection with the Subject Property.

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with due diligence activities by Levy Alameda, LLC. Tetra Tech recognizes that this Report is to be used for the current due diligence activities exclusively by Levy Alameda, LLC. It is a report for the current due diligence activities upon which Levy Alameda, LLC can rely.

We appreciate the opportunity to provide you with these services. Please do not hesitate to contact us at your convenience should you have questions or comments regarding this Report or our findings. It has been a pleasure working with you on this transaction.

Sincerely,

TETRA TECH, INC.

STEVEN GROD Senior Project Manager Phone: 949-809-5076

Enclosure

march-

MARK FELDMAN, PG, CHG, CEG Principal Geologist Phone: 909-382-5116

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FIGURES

Figure 1:	Subject Property Location Map
Figure 2:	Subject Property Map

APPENDICES

- Appendix A: Photographic Documentation
- Appendix B: EDR Regulatory Database Report
- Appendix C: EDR Historical Documentation
- Appendix D: Additional Relevant Documentation
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PHASE I ENVIRONMENTAL SITE ASSESSMENT Undeveloped Land 17257 Patterson Pass Road – Part of APN 99B-7890-002-04 Alameda County, California 95377 Project No. T42991.01

1.0 EXECUTIVE SUMMARY

On April 6, 2023, Tetra Tech, Inc. (Tetra Tech) received authorization from Levy Alameda, LLC to conduct a Phase I Environmental Site Assessment (ESA) of the property referenced as the undeveloped land located at 17257 Patterson Pass Road – Part of APN 99B-7890-002-04, in an unincorporated area of Alameda County, California (Subject Property). The assessment included visual observation of the Subject Property, inspection of the surrounding properties from adjacent streets, review of historical ownership and use, review of regulatory listings, review of Internet resources, and interviews with persons knowledgeable about the Subject Property. The following provides a summary of Tetra Tech's findings, conclusions, and recommendations.

The Subject Property is comprised of approximately 68.2 acres of land approximately 0.6 miles west of intersection of Midway Road and West Patterson Pass Road, and approximately 475 feet west of the Tesla Substation, in an unincorporated area of Alameda County, California. The Subject Property is currently undeveloped land covered with grasses/vegetation. No buildings or structures are located on the Subject Property. No stressed vegetation, areas of staining, or other evidence of hazardous substance releases were observed at the Subject Property. A metal signpost was observed on top of a small hill in the southeast portion of the Subject Property. Current use of the Site is not considered to be a recognized environmental condition (REC).

According to the historical records reviewed, the Subject Property was depicted as vacant or undeveloped land in at least 1907 and primarily farmland starting in at least 1940. The Subject Property was reportedly historically used for cattle grazing. The 1940 to 1958 aerial photographs depicted the Subject Property as agricultural land (row and/or field crops). By 1965, the property no longer appeared to be used for agricultural crops and appeared to be undeveloped. Historical use of the Subject Property is not considered to be a REC; however, historical agricultural use of the Subject Property in at least 1940 is considered to be a business environmental risk (BER). Historical agricultural activities at the Site may have been subject to the application of pesticides and herbicides, which potentially could contain a number of hazardous substances. Only soil sampling could verify if elevated concentrations of pesticideor herbicide-related hazardous substances would remain in Site soils.

Subject Property observations and the information reviewed for this assessment did not indicate RECs, historical RECs (HRECs), potential environmental concerns (PECs), or BERs associated with the Subject Property regarding environmental liens, activity use limitations (AULs), underground storage tanks (USTs), aboveground storage tanks (ASTs), solid waste management, hazardous waste management, polychlorinated biphenyls (PCBs), storm water, wetlands, radon, air emissions, drycleaners, microbial growth and moisture intrusion, or environmental non-compliance issues.

The inspection of the abutting properties from the Subject Property and a review of federal, state, and local regulatory agency databases/records did not reveal the presence of off-site sources that are considered to be RECs to the Subject Property at this time.

Tetra Tech reviewed the State Water Resources Control Board's (SWRCB's) GeoTracker website for information regarding groundwater depth and flow direction in the vicinity of the Site. According to 2022 Annual Monitoring Report for the Class II Surface Impoundments (Terraphase Engineering Inc., 2023), depth to groundwater at the Musco Family Olive Company facility at 17950 Via Nicolo Road (approximately 2.2 miles east of the Subject Property) ranged from approximately 55 to 234 feet below ground surface (bgs) in November 2022 with a groundwater flow direction generally to the southeast. No information regarding groundwater depth and flow direction in closer proximity to the Subject Property was found.

1.1 CONCLUSIONS

Tetra Tech has performed a Phase I ESA in conformance with the scope of work required by 40 Code of Federal Regulations (CFR) §312, et al., and ASTM International (ASTM) Standard Practice E1527-21 of the property referenced as the undeveloped land located at 17257 Patterson Pass Road – Part of APN 99B-7890-002-04 in Alameda County, California (the Subject Property). Any exceptions to, or deletions from, the scope of work required by 40 CFR §312 or ASTM Standard Practice E1527-21 are described in this report (Report) where applicable.

Based on the information gathered during the performance of this assessment, current Subject Property use, and Tetra Tech's understanding of current regulatory guidelines and judgment, the following conclusions have been reached:

- No RECs, HRECs, PECs, or *de minimis* conditions have been found in connection with the Subject Property.
- The following BER has been found in connection with the Subject Property:
 - Historical agricultural use of the Subject Property from at least 1940 to 1958 is considered to be a BER.
- No off-site facilities are considered to be RECs to the Subject Property at this time.

1.2 RECOMMENDATIONS

Based on the information gathered during the performance of this assessment, current Subject Property use, and Tetra Tech's understanding of current regulatory guidelines and judgment, the following recommendations are presented for consideration:

- No further investigation is recommended at this time.
- In the event of any future construction and/or excavation activities at the Site, dust suppression may be necessary during construction activities. Additionally, near-surface soils should be sampled and analyzed for herbicide- and pesticide-related hazardous substances prior to being removed from the Site for any purpose.

2.0 INTRODUCTION

On April 6, 2023, Tetra Tech, Inc. (Tetra Tech) received authorization from Levy Alameda, LLC to conduct a Phase I Environmental Site Assessment (ESA) of the property referenced as the undeveloped land located at 17257 Patterson Pass Road – Part of APN 99B-7890-002-04, in an unincorporated area of Alameda County, California (Subject Property). The assessment included visual observation of the Subject Property, inspection of the surrounding properties from adjacent streets, review of historical ownership and use, review of regulatory listings, review of Internet resources, and interviews with persons knowledgeable about the Subject Property.

This Phase I ESA was performed consistent with the terms and conditions in the Services Agreement authorized on April 6, 2023. The Phase I ESA also was performed in general accordance with the ASTM International (ASTM) Standard Practice E1527-21 document entitled, "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process" and with the All Appropriate Inquiries (AAI) Final Rule at 40 Code of Federal Regulations (CFR) Part 312.

2.1 PURPOSE AND SCOPE OF SERVICES

The primary purpose of this assessment was to identify recognized environmental conditions (RECs) in connection with the Subject Property. ASTM defines RECs as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." A *de minimis* condition is not a recognized environmental condition. Where used in this report (Report), the term REC includes controlled RECs (CRECs).

Information on the Subject Property boundaries was obtained from the American Land Title Association/National Society of Professional Surveyors (ALTA/NSPS) Land Title Survey showing proposed Subject Property boundaries and prepared by Tetra Tech concurrently with the Phase I ESA.

The assessment included a visual reconnaissance of the Subject Property, visual inspection of the surrounding properties from the Subject Property, review of historical ownership and use, review of regulatory listings, and interviews with persons knowledgeable about the Subject Property, as applicable. The following provides a more detailed description of the scope of services:

- Visual inspection of the Subject Property to identify potential for on-site oil or hazardous material release(s).
- Visual inspection of the Subject Property to evaluate the likelihood that polychlorinated biphenyls (PCBs) are present (e.g., in transformers and fluorescent light ballasts).
- Visual inspection and categorization of the use of abutting and adjacent properties.
- Review of local records related to historical ownership, usage, and Subject Property development. This also included interviewing local environmental authorities, as applicable, to obtain information (if any) regarding complaints, violations, citations, or inspections related to the Subject Property.

- Review of published federal regulatory records related to on-site activities and to potential offsite sources of oil or hazardous material impacts. Federal records reviewed include the following:
 - National Priorities List (NPL)
 - Delisted NPL
 - Superfund Enterprise Management System (SEMS [formerly Comprehensive Environmental Response, Compensation and Liability Information System CERCLIS])
 - SEMS-Archive (formerly CERCLIS No Further Remedial Action Planned)
 - o Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS)
 - RCRA Non-Corrective Action (TSD) Facilities Generators (Large Quantity Generators [LQG], Small Quantity Generators [SQG])
 - o Institutional Controls/Engineering Controls
 - Emergency Response Notification System (ERNS)
- Review of readily available state and tribal regulatory records and publications for environmental activities related to the Subject Property and potential off-site sources of oil or hazardous material impacts. State/Tribal records reviewed include the following:
 - o State-equivalent NPL (Envirostor, Hist Cal-Sites, CA Bond Ex. Plan)
 - State-equivalent SEMS (Response)
 - Landfill and/or Solid Waste Disposal
 - Leaking Underground Storage Tank (LUST)
 - Underground Storage Tank (UST)
 - Institutional Controls/Engineering Controls
 - o Voluntary Cleanup
 - Brownfields
- Review of historical resources (aerial photographs, topographic maps, city directories, and Sanborn[®] Fire Insurance Maps) obtained from EDR.
- Review records (if available) from pertinent regulatory agencies with jurisdiction over the Subject Property including, but not limited to, the following:
 - o California Regional Water Quality Control Board Central Valley Region (CVRWQCB).
 - California Environmental Protection Agency, Department of Toxic Substances Control (Cal-EPA DTSC).
- Review of proprietary records maintained by Environmental Data Resources, Inc. (EDR).
- Review of readily available historic Subject Property documents to assess for potential on-site sources of oil or hazardous material impacts.
- Review of readily available aerial photos for the Subject Property and Subject Property vicinity to evaluate present and historical development/facilities.
- Review of readily available plans and documents relative to construction materials utilized at the Subject Property and any historical renovation activities (if any).
- Visual inspection of the interior and exterior of Subject Property structures (if any) to confirm the presence or absence of suspect asbestos-containing materials (ACMs) and lead-based paint (LBP)

and other lead-containing materials (LCMs), and to note the presence or absence of obvious (visual or olfactory) mold conditions or water damage.

• Preparation of a Phase I ESA report.

2.2 SIGNIFICANT ASSUMPTIONS, LIMITATIONS AND EXCEPTIONS, SPECIAL TERMS AND CONDITIONS

Significant Assumptions

Information provided by others to Tetra Tech is assumed to be accurate and complete. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information. Unless such inquiry indicated otherwise, the information was considered to be accurate and complete. As discussed below in this Section 2.2, there are limitations to this assumption.

There were no other significant assumptions made during the conduct of this Phase I ESA.

Limitations and Exceptions

Tetra Tech did not significantly delete or deviate from the scope and limitations set forth in the ASTM Standard Practice E1527-21 document entitled, "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process," except for:

- A limited visual survey of the Subject Property for the presence of suspect ACMs, LBP and other LCMs, and obvious mold/microbial growth/moisture accumulation or water damage. Tetra Tech's limited visual inspection for suspect ACMs, suspect LBP and other LCMs, and obvious mold/microbial growth or water damage was limited to observations in readily and physically accessible areas of the Subject Property. The limited visual surveys listed above were not formal surveys and were not performed by a certified asbestos, LBP/LCM, and mold inspector.
- Review of reasonably ascertainable information regarding radon and wetlands.

Our professional services have been performed, our findings obtained, and our conclusions prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties, either expressed or implied. Tetra Tech is not responsible for the independent conclusions, opinions, or recommendations made by others based on the records review, Subject Property inspection, field exploration, and laboratory test data (if any) presented in this Report.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn from information obtained from limited research and Subject Property evaluation. Subsurface conditions were not field investigated as part of this assessment and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this Subject Property and surrounding properties. This Report does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not investigated. This Report is not a regulatory compliance audit.

This assessment is not intended to assess if any soil contamination, waste emplacement, or groundwater contamination exists by subsurface sampling through the completion of soil borings and the installation of monitoring wells. The scope of work, determined by the client, did not include these activities.

Tetra Tech reviewed past ownership of the Subject Property with the intent to evaluate past Subject Property usage. Tetra Tech is not a professional title insurance firm and makes no guarantee, either explicit or implied, that the list which was reviewed represented a comprehensive delineation of past Subject Property ownership or tenancy for legal purposes.

Certain information contained in this Report may have been rightfully provided to Tetra Tech by third parties or other outside sources. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information; however, Tetra Tech does not make any warranties or representations, either expressed or implied, regarding the accuracy of such information, and shall not be held accountable or responsible in the event that any such inaccuracies are present.

Special Terms and Conditions

There were no special terms or conditions associated with this Phase I ESA.

2.3 USER RELIANCE

This Report for the current due diligence activities is one upon which Levy Alameda, LLC may rely subject to the terms and conditions in the contract referenced above in Section 2.0. Except to the extent provided in this Section 2.3, no other party shall have any right to rely on any service provided in connection with this Report by Tetra Tech without Tetra Tech's prior written consent. Any authorized third-party use of this Report shall be subject to the terms and conditions governing the scope of work in the Services Agreement and shall be limited by the exceptions and limitations in this Report, and with the acknowledgment that actual Subject Property conditions may change with time, and that hidden conditions may exist at the Subject Property that were not discoverable within the authorized Phase I ESA scope of work. Any unauthorized release or misuse of this Report shall be without risk or liability to Tetra Tech.

3.0 PROPERTY DESCRIPTION

3.1 SITE RECONNAISSANCE

The site reconnaissance was conducted by Tetra Tech representative Mr. Mike Ferrif on April 26, 2023. Mr. Ferrif was unaccompanied during the inspection of the Subject Property. The weather during the Site reconnaissance was characterized by clear skies with a temperature of approximately 80 to 85 degrees Fahrenheit (°F). In addition to the information below, refer to Section 6 for additional on-site observations.

In addition to the site reconnaissance, resources such as geologic maps, wetlands maps, United States Geological Survey (USGS) topographic maps, aerial photographs, and regulatory agency records were reviewed if reasonably ascertainable.

3.2 GENERAL SITE CONDITIONS

The Subject Property is located on approximately 68.2 acres of land approximately 0.6 miles westsouthwest of intersection of Midway Road and Patterson Pass Road, and approximately 475 feet west of the Tesla Substation, in an unincorporated area of Alameda County, California. The mailing address for the Subject Property on the Alameda County Assessor website lists the property as being in the City of Mountain House; however, the Subject Property is located in an unincorporated area of Alameda County. The Subject Property occupies approximately 68.2 acres of a larger approximately 236-acre parcel of land designated by Assessor Parcel Number (APN) 99B-7890-002-04. The Subject Property location is shown on Figure 1 – Subject Property Location Map..

None of the following features were observed at the Subject Property during the site reconnaissance: clarifiers, oil/water separators, lifts/hoists, trench drains, wastewater treatment systems, pits, pools of liquid or discolored water, pavement patches indicative of removed subsurface features or subsurface investigation/remediation, evidence of filling, and evidence of dumping/burning trash or other materials. No strong, pungent, or noxious odors were noted at the Subject Property during the site reconnaissance.

3.3 SITE IMPROVEMENTS

No buildings or structures are located on the Subject Property. A single metal signpost was observed on the top of a small hill in the southeast portion of the Subject Property. For a layout of the Subject Property, please refer to Figure 2 – Subject Property Map.

3.3.1 Exterior Improvements

No exterior improvements were located at the Subject Property. No areas of staining considered to be significant were observed outside of the Subject Property buildings. No areas of stressed vegetation were observed on-site.

3.3.2 Building Description

No buildings or structures are located at the Subject Property.

3.3.3 Utilities

No utilities (water, sewer, electricity, natural gas, dry wells, septic systems, cesspools, irrigation wells, or drinking water wells) are known to be currently provided to or at the Subject Property and no information was found during this assessment indicating such utilities are provided to or at the Subject Property.

3.4 CURRENT SITE USE

The Subject Property is currently undeveloped land covered with grasses/vegetation. No stressed vegetation, areas of staining, or other evidence of hazardous substance releases were observed at the Subject Property. Based on observed conditions, current use of the Subject Property is not considered to be a REC.

3.5 ENVIRONMENTAL SETTING

3.5.1 Topography

The location of the Subject Property is shown on the 2018 USGS Midway, California, quadrangle topographic map. According to the contour lines on the topographic map, the Subject Property is located approximately 400 to 510 feet above mean sea level (msl). Topography in the near vicinity of the Subject Property generally slopes down to the northwest.

3.5.2 Subsurface Geologic Conditions

The Site is partially located within the Tracy Subbasin of the San Joaquin Valley Groundwater Basin (California Department of Water Resources [CADWR], 2006). Boundaries for the Tracy Subbasin include unconsolidated to semi-consolidated sedimentary deposits that are bounded by the Diablo Range on the west; the Mokelumne and San Joaquin Rivers on the north; the San Joaquin River to the east; and the San Joaquin-Stanislaus County line on the south. The Tracy Subbasin is comprised of continental deposits of Late Tertiary to Quaternary age which include the Tulare Formation, Older Alluvium, Flood Basin Deposits, and Younger Alluvium. The Tulare Formation is comprised of semi-consolidated, poorly sorted, discontinuous deposits of clay, silt, and gravel. Older alluvium is comprised of loosely to moderately compacted sand, silt and gravel deposited in alluvial fans during the Pliocene and Pleistocene. Flood basin deposits is primarily comprised of silts and clays. Younger alluvium is comprised of unconsolidated silt, fine- to medium grained sand, and gravel.

According to the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), Web Soil Survey, soils in the area of the Subject Property are comprised of Linne clay loam (clay loam) and Rincon clay loam (clay loam, sandy clay, and stratified sandy loam to clay loam).

3.5.3 Groundwater Depth and Flow Direction

Tetra Tech reviewed the State Water Resources Control Board's (SWRCB's) GeoTracker website for information regarding groundwater depth and flow direction in the vicinity of the Site. According to 2022 Annual Monitoring Report for the Class II Surface Impoundments (Terraphase Engineering Inc., 2023), depth to groundwater at the Musco Family Olive Company facility at 17950 Via Nicolo Road (approximately 2.2 miles east of the Subject Property) ranged from approximately 55 to 234 feet below ground surface (bgs) in November 2022 with a groundwater flow direction generally to the southeast. No information regarding groundwater depth and flow direction in closer proximity to the Subject Property was found.

4.0 HISTORICAL RECORDS REVIEW

Past land uses were reviewed to evaluate if historical practices or conditions may have negatively impacted the Subject Property. This was accomplished via review of ownership records, agency records, and historical city directories, and a review and analysis of aerial photographs and topographic maps.

4.1 PRIOR OWNERSHIP

Subject Property parcel's ownership information contained in the Environmental Lien and Other Activity Use Limitations (AULs) Search report was obtained from Texas Environmental Research and is summarized in the table below.

Table 4.1 Prior Ownership Summary				
DateGrantorGranteeInstrume			Instrument	
March 14, 1979	Elwyn Mulqueeney, et al.	Mulqueeney Ranch Properties, LLC	Warranty Deed	

No information regarding ownership prior to 1979 was reasonably ascertainable.

4.2 PRIOR SITE AND SURROUNDING PROPERTIES USES

Prior uses of the Subject Property and surrounding properties were obtained from review of agency records and historical information obtained from EDR (aerial photographs, city directories, and topographic maps; no Sanborn[®] Fire Insurance Maps showing the Subject Property and surrounding properties were found). Additionally, aerial photographs from the University of California Santa Barbara (UCSB) collection dated from 1940 to 1981 were reviewed on the UCSB FrameFinder website. Table 4.2 below is a summary of historical information obtained from EDR (provided in Appendix C) and UCSB. Information from other historical sources is included in the summary at the end of this section and is discussed in more detail in other sections of this Report.

	Table 4.2 – Prior Uses of Subject Property and Surrounding Properties				
Decade Starting	Subject Property	Surrounding Properties	Sources		
1900	Undeveloped or vacant land.	<u>NW</u> : Undeveloped or vacant land. <u>E</u> : Undeveloped or vacant land, beyond which were Patterson Pass Road followed by undeveloped or vacant land. <u>SE</u> : Patterson Pass Road, beyond which were an intermittent stream or river (Patterson Run) and undeveloped or vacant land. <u>S</u> : Undeveloped or vacant land. <u>W</u> : Undeveloped or vacant land.	T (1907)		
1910	No sources found.	No sources found.	N/A		
1920	No sources found.	No sources found.	N/A		
1930	No sources found.	No sources found.	N/A		
1940	Agricultural land (row or field crops).	<u>NW</u> : By 1940, overhead power lines and agricultural land (row and/or field crops) were depicted adjacent to the northwest	A (1940, 1949) T (1942,		

	Table 4.2 – Prior Uses of Subject Property and Surrounding Properties				
Decade Starting	Subject Property Surrounding Properties				
Starting		of the Subject Property. An unpaved road was also depicted adjacent to a portion of the Subject Property. <u>E</u> : Agricultural land (row and/or field crops) with a small agricultural related building/support structure depicted approximately 400 feet east of the northern portion of the Subject Property. <u>SE</u> : Beyond Patterson Pass Road were an intermittent stream or river (Patterson Run) and agricultural land (row and/or field crops) with a residence and agricultural related building/supports structures approximately 1,400 feet from the Subject Property. <u>S</u> : Agricultural land (row and/or field crops), beyond which was a railroad track. <u>W</u> : Agricultural land (row and/or field crops).	1943)		
1950	No significant changes noted.	NW: No significant changes noted. E: By 1953, an electric substation was depicted to the east (approximately 475 feet) beyond the agricultural land and small building. SE: No significant changes noted. S: No significant changes noted. W: No significant changes noted.	A (1957, 1958) T (1953)		
1960	Undeveloped or vacant land by 1965.	M:No significant enanges noted.NW:Beyond overhead power lines was undeveloped or vacant land.E:Undeveloped or vacant land. The small building and electric substation were also still present to the northeast of the Subject Property.SE:Beyond Patterson Pass Road are an intermittent stream or river (Patterson Run) and undeveloped or vacant land.The residence and associated buildings were still present to the southeast.S:Undeveloped or vacant land, beyond which was a railroad track.W:Undeveloped or vacant land.	A (1965, 1966) T (1968)		
1970	No significant changes noted. No city directory listing for the Subject Property.	<u>NW</u> : No significant changes noted. <u>E</u> : No significant changes noted. <u>SE</u> : No significant changes noted. <u>W</u> : No significant changes noted. <u>W</u> : No significant changes noted. No city directory listing for the surrounding adjacent properties.	A (1975, 1979) CD (1971, 1974, 1977)		
1980	No significant changes noted.	<u>NW</u> : By 1981, the small building was no longer depicted to the northeast of the	A (1981, 1982)		

Decade Starting	Subject Property Surrounding Properties Se				
Surting	City directory listings for a residence (17257 Patterson Pass Road – for the off- site to the southeast residence) in 1981 and 1985.	Subject Property. <u>E</u> : No significant changes noted exceptthe footprint of the electric substation waslarger. <u>SE</u> : No significant changes noted. <u>S</u> : No significant changes noted. <u>W</u> : No significant changes noted.	CD (1981 1985) T (1980)		
1990	No significant changes noted. No city directory listing for the Subject Property.	NW: No significant changes noted. E: No significant changes noted. SE: No significant changes noted. S: No significant changes noted. W: No significant changes noted. No significant changes noted.	A (1993, 1998) CD (1992, 1995)		
2000	No significant changes noted. City directory listing for a residence (17257 Patterson Pass Road) in 2005. Note: It is unknown why there is a listing for a residence for the Subject Property address. There have been no residences on the parcel dating back to at least 1907 based on the historical research. The nearest residence was approximately 1,550 feet southeast of the Subject Property.	<u>NW</u> : No significant changes noted. <u>E</u> : By 2006, the electric substation had expanded to the current footprint. <u>SE</u> : No significant changes noted. <u>S</u> : No significant changes noted. <u>W</u> : No significant changes noted.	A (2006, 2009) CD (2000, 2005)		
2010	No significant changes noted. City directory listing for a residence (17257 Patterson Pass Road; see note above from the decade starting 2000) in 2010.	<u>NW</u> : No significant changes noted. <u>E</u> : No significant changes noted. <u>SE</u> : No significant changes noted. <u>S</u> : No significant changes noted. <u>W</u> : No significant changes noted.	A (2012, 2016) CD (2010, 2014, 2017) T (2012, 2015, 2018)		
2020	No significant changes noted. No city directory listing for the Subject Property.	NW:No significant changes noted.E:No significant changes noted.SE:No significant changes noted.S:No significant changes noted.W:No significant changes noted.No city directory listing for the surrounding adjacent properties.	A (2020) CD (2020)		

depicting the Subject Property and surrounding properties were found.

According to the historical records reviewed, the Subject Property was depicted as vacant or undeveloped land in at least 1907 and primarily farmland starting in at least 1940. The Subject Property was reportedly historically used for cattle grazing. The 1940 to 1958 aerial photographs depicted the Subject

Property as agricultural land (row and/or field crops). By 1965, the property no longer appeared to be used for agricultural crops and appeared to be undeveloped. Historical use of the Subject Property is not considered to be a REC; however, historical agricultural use of the Subject Property in at least 1940 is considered to be a business environmental risk (BER). Historical agricultural activities at the Site may have been subject to the application of pesticides and herbicides, which potentially could contain a number of hazardous substances. Only soil sampling could verify if elevated concentrations of pesticide-related hazardous substances would remain in Site soils.

4.3 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Tetra Tech requested previous environmental investigation reports for the Subject Property from Levy Alameda, LLC. No previous environmental investigation reports were provided to Tetra Tech and no reports were found by Tetra Tech during the performance of this assessment.

5.0 **REGULATORY REVIEW**

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Tetra Tech procured and reviewed a computer-generated database report from EDR. The EDR database report is provided in Appendix B. A review of databases and files from federal, state, and local environmental regulatory agencies was conducted to identify use, generation, storage, treatment or disposal of hazardous materials and chemicals, or release incidents of such materials which may impact the Subject Property. The databases discussed in the following section address ASTM requirements. Additional federal and state databases were reviewed. Please refer to the EDR report for a detailed listing.

Included in the EDR report is an orphan summary. This summary lists facilities that are contained on one of the above-referenced databases or lists, but for which complete or accurate geographic data was not available. Consequently, EDR was unable to map the facilities in relation to the Subject Property. This list was reviewed during site reconnaissance to evaluate whether the properties referenced are within ASTM search distances. Properties within ASTM distances were incorporated into Tetra Tech's review.

Table 5.1 – EDR Database Summary				
Database	Radius	Target Property	Surrounding Facilities	
Federal				
National Priorities List (NPL)	1 Mile	No	0	
Proposed NPL	1 Mile	No	0	
Delisted NPL	1 Mile	No	0	
Superfund Enterprise Management System (SEMS [formerly Comprehensive Environmental Response, Compensation and Liability Information System – CERCLIS])	½ Mile	No	0	
SEMS-Archive (formerly CERCLIS No Further Remedial Action Planned)	¹∕₂ Mile	No	0	
Resource Conservation and Recovery Act (RCRA) Corrective Action Treatment, Storage, and Disposal (TSD) Facilities (CORRACTS)	1 Mile	No	0	
RCRA Non-Corrective Action (TSD) Facilities	¹∕₂ Mile	No	0	
RCRA Waste Generators	Subject Property & adjacent	No	1	
RCRA Non-Generators (NonGen)	Subject Property & adjacent	No	1	
US Brownfields	1⁄2 Mile	No	0	
2020 Corrective Action (2020 COR ACTION)	¹ /4 Mile	No	0	
Formerly Utilized Defense Sites (FUDS)	1 Mile	No	0	
Department of Defense (DOD)	1 Mile	No	0	
Records of Decision (ROD)	1 Mile	No	0	
United States Mines (US Mines)	¹ ⁄4 Mile	No	0	
Abandoned Mines	¹ ⁄4 Mile	No	0	
United States Aerometric Information Retrieval System Facility Subsystem (US AIRS)	Subject Property	No	N/A	

A summary of the EDR database information is provided in Table 5.1.

Table 5.1 – EDR Database Summary				
Database	Radius	Target Property	Surrounding Facilities	
Integrated Compliance Information System (ICIS)	Subject Property	No	N/A	
Institutional Control/Engineering Control (IC/EC)	Subject Property	No	N/A	
Emergency Response Notification System (ERNS)	Subject Property	No	N/A	
State and Tribal and EDR Proprietary				
CA Response	1 Mile	No	0	
Envirostor	1 Mile	No	0	
Solid Waste Facilities/Landfill Sites (SWF/LF)	1⁄2 Mile	No	0	
Recycling Facilities (SWRCY)	1⁄2 Mile	No	0	
Waste Management Unit Database System (WMUDS/SWAT)	1⁄2 Mile	No	0	
Leaking Underground Storage Tank (LUST)	1⁄2 Mile	No	1	
Cortese/Hist Cortese	1⁄2 Mile	No	1	
Aboveground Storage Tank (AST)	Subject Property & adjacent	No	1	
Underground Storage Tank (UST) databases	Subject Property & adjacent	No	0	
Cleanup Program Sites – Spills, Leaks, Investigations, and Cleanups (CPS-SLIC)	¹ / ₂ Mile	No	0	
Voluntary Cleanup Program (VCP)	1/2 Mile	No	0	
Drycleaners	¹ /4 Mile	No	0	
Hazardous Waste and Corrective Action Facilities (HWP)	1 Mile	No	0	
Air Emissions (EMI)	Subject Property	No	N/A	
HIST Cal Sites	1 Mile	No	0	
CA Bond Exp. Plan	1 Mile	No	0	
Notify 65	1 Mile	No	0	
California Environmental Reporting System (CERS)	¹ / ₄ Mile	No	2	
CERS Hazardous Waste	¹ / ₄ Mile	No	1	
CERS Tanks	¹ /4 Mile	No	1	
Recorded Land Use Restriction (DEED)	¹ / ₂ Mile	No	0	
Alameda County Contaminated Sites (Alameda County CS)	¹ / ₂ Mile	No	1	
Registered Waste Tire Hauler (Haulers)	Subject Property	No	N/A	
Hazardous Waste Tracking System (HWTS)	Subject Property	No	N/A	
California Hazardous Material Incident Report System (CHMIRS)	Subject Property	No	N/A	
National Pollutant Discharge Elimination System (NPDES)	Subject Property	No	N/A	
California Integrated Water Quality System (CIWQS)	Subject Property	No	N/A	
EDR Manufactured Gas Plants	1 Mile	No	0	
EDR Historical Auto Stations	¹ / ₄ Mile	No	0	
EDR Historical Cleaners	¹ / ₄ Mile	No	0	
EDR Recovered Government Archive (RGA) Landfill	1⁄2 Mile	No	0	
RGA LUST	1⁄2 Mile	No	0	
Tribal databases	Various	No	0	

Table 5.1 – EDR Database Summary				
Database	Radius	Target Property	Surrounding Facilities	
N/A = not applicable				

5.1.1 Federal Regulatory Records

The Subject Property was not reported by EDR to be listed in any of the federal regulatory agency databases in Table 5.1.

Off-site facilities located within ASTM search distances was reported by EDR to be listed on the following federal regulatory agency database in Table 5.1: RCRA Waste Generators and RCRA Waste Non-Generators. No adjacent properties were listed. Two nearby properties of interest were listed and are discussed below. Refer to the EDR database report in Appendix B for information regarding all of the listings. Based on information contained in the EDR database report, agency information reviewed by Tetra Tech, distance from the Subject Property, presumed groundwater flow direction and/or regulatory agency status, there was no information indicating a REC or a PEC to the Subject Property from the off-site listed facilities.

PG & E – Tesla Substation – 17545 Patterson Pass Road

This facility is located nearby (approximately 475 feet) to the east beyond Patterson Pass Road and downgradient to crossgradient of the Subject Property. It was listed in the RCRA Waste Generators database as a large quantity generator of hazardous wastes in 2022. Types of hazardous wastes historically generated by this facility included cadmium and lead. No violations were reported by EDR for this facility. This facility was not listed by EDR as having had any releases. Based on the agency status, distance from the Subject Property, and groundwater flow direction, this nearby facility is not considered to be of environmental concern to the Subject Property.

Wilson Utility Construction Company – 17350 Patterson Pass Road

A different facility at this address (US Windpower) was listed in the LUST and Alameda County CS databases as discussed below in Section 5.1.2. Although this facility had an address of the parcel located adjacent and southeast of the Subject Property, its physical location is actually approximately 1.1 miles northwest and upgradient of the Subject Property based on information reviewed for the LUST case. Based on the agency status and distance from the Subject Property, this is not considered to be of environmental concern to the Subject Property.

5.1.2 State and Tribal and EDR Proprietary Regulatory Records

The Subject Property was not reported by EDR to be listed in any of the state, tribal, or EDR proprietary databases listed in Table 5.1.

Off-site facilities located within ASTM search distances were reported by EDR to be listed on the following state regulatory agency databases in Table 5.1: LUST, Cortese/Hist Cortese, AST, CERS, CERS Hazardous Waste, CERS Tanks, and Alameda County CS. No adjacent properties were listed. Two nearby properties of interest were listed and are discussed below. Refer to the EDR database report in Appendix B for information regarding all of the listings. Based on information contained in the EDR database report, agency information reviewed by Tetra Tech, distance from the Subject Property, presumed groundwater flow direction and/or regulatory agency status, there was no information indicating a REC or a PEC to the Subject Property from the off-site listed facilities.

PG & E – Tesla Substation – 17545 Patterson Pass Road

This facility is located nearby (approximately 475 feet) to the east beyond Patterson Pass Road and downgradient to crossgradient of the Subject Property. It was listed in the AST, CERS, CERS Hazardous Waste, and CERS Tanks databases.

This facility was listed in the AST database as having AST(s).

This facility was listed in the CERS, CERS Hazardous Waste, and CERS Tanks databases as a chemical storage facility, hazardous waste generator, and aboveground petroleum storage facility. No violations were reported during the most recent 2022 inspection.

This facility was not listed by EDR as having had any releases. Based on the agency status, distance from the Subject Property, and groundwater flow direction, this nearby facility is not considered to be of environmental concern to the Subject Property.

US Windpower – 17350 Patterson Pass Road

Although this facility had an address of the parcel located adjacent and southeast of the Subject Property, its physical location is actually approximately 1.1 miles northwest and upgradient of the Subject Property based on information reviewed for the LUST case. It was listed in the LUST, Cortese/Hist Cortese, CERS, and Alameda County CS databases. The UST at this facility was located at a substation control building (Midway Control building).

This facility was listed in the LUST and Alameda County CS databases as having had a release of waste oil/motor oil/hydraulic oil/lubricating oil from a UST that impacted the soil in 1990. The status for the case is completed – case closed.

The Cortese/Hist Cortese listings were a reference to the LUST case.

This facility was listed in the CERS database as a LUST facility.

Tetra Tech reviewed Alameda County Environmental Health (ACEH) records for this facility. According to a Case Closure Summary (ACEH, 1994a), one 550-gallon waste transmission fluid UST was removed from this facility in March 1990. The UST at this facility was located at a substation control building (Midway Control building). Soil after removal of the UST had total petroleum hydrocarbons as diesel (TPHd) at 14 parts per million (ppm), toluene at 0.0087 ppm, xylene at 0.10 ppm, TPH oil and grease at 700 ppm. A total of 15 cubic yards of soil was excavated, bioremediated, and then spread across the property. A confirmation soil sample after excavation did not have detectable concentrations of analytes. ACEH issued a Remedial Action Completion Certification letter on July 29, 1994 (ACEH, 1994b).

Based on the distance from the Subject Property, media impacted, records reviewed, and agency status, this facility is not considered to be of environmental concern to the Subject Property.

5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

<u>California Environmental Protection Agency, Department of Toxic Substances Control (Cal-EPA DTSC)</u> Tetra Tech requested records maintained by the Cal-EPA DTSC. No records were found for the Subject Property.

California Geologic Energy Management Division (CalGEM)

Tetra Tech reviewed the CalGEM Online Mapping System database. No oil or gas wells were found on the Subject Property or within a 0.25-mile radius of the Subject Property. The Subject Property is not located within the limits of a producing or abandoned oil, gas, or geothermal field.

National Pipeline Mapping System (NPMS)

Tetra Tech reviewed publicly accessible information maintained by the NPMS on its website. According to information found on this website, no underground oil or refined product pipelines are located at the Subject Property or adjacent to the Subject Property. No liquid or gas releases were reported for the area of the Subject Property.

California Regional Water Quality Control Board – Central Valley Region (CVRWQCB)

Tetra Tech requested records for the Subject Property maintained by the CVRWQCB. No records were found for the Subject Property.

Bay Area Air Quality Management District (BAAQMD)

Tetra Tech requested records for the Subject Property maintained by the BAAQMD. No records were found for the Subject Property.

Alameda County Environmental Health (ACEH)

Tetra Tech requested records for the Subject Property maintained by the ACEH. No records were found for the Subject Property.

Alameda County Fire Department (ACFD)

Tetra Tech requested records for the Subject Property maintained by the ACFD. A response has not been received as of the date of issuance of this report. This is not considered to be a data gap based on the historical use of the Subject Property.

Alameda County Building Department (ACBD)

Tetra Tech reviewed permit information available online for the ACBD. Permits were found for the Subject Property included the following:

- A permit for an electrical service upgrade in 2007.
- A permit for continued occupancy of an agricultural caretaker dwelling in 2012. Note: there was no evidence of a building or structure on the Subject Property in historical aerial photographs and topographic maps reviewed. It is unknown if the dwelling could have been on another portion of the larger approximately 236-acre parcel in which the Subject Property is located.

Alameda County Planning Department (ACPD)

The ACPD shows the area of the Subject Property to be zoned as agriculture (A-BE).

6.0 ON-SITE ENVIRONMENTAL ASSESSMENT

6.1 STORAGE TANKS

6.1.1 Underground Storage Tanks (USTs)

No visual evidence (i.e., pipes, vents, and dispensers) indicating existing or historical on-site USTs was observed at the Subject Property during the site reconnaissance. No information from Subject Property history research and review of records and/or databases maintained by federal, state, county, and city agencies revealed the presence of existing or historical USTs at the Subject Property.

6.1.2 Aboveground Storage Tanks (ASTs)

No visual evidence (i.e., concrete foundation or containment walls, pedestals, or steel support structures) indicating existing or historical on-site ASTs was observed at the Subject Property during the site reconnaissance. No information from Subject Property history research and review of records and/or databases maintained by federal, state, county, and city agencies revealed the presence of existing or historical ASTs at the Subject Property.

6.2 ASBESTOS-CONTAINING MATERIALS (ACMs)

There are no existing structures or buildings at the Subject Property and no potential asbestos-containing debris was observed at the Subject Property. No evidence of former on-site buildings was observed at the Subject Property. As such, ACMs are not considered to be of environmental concern to the Subject Property.

6.3 LEAD-BASED PAINT (LBP) AND OTHER LEAD-CONTAINING MATERIALS (LCM)

There are no existing structures or buildings at the Subject Property and no potential LBP and LCM debris was observed at the Subject Property. No evidence of former on-site buildings was observed at the Subject Property. As such, LBP and LCMs are not considered to be of environmental concern to the Subject Property.

6.4 HAZARDOUS MATERIALS USAGE

No hazardous materials were observed at the Subject Property during the site reconnaissance.

6.5 SOLID WASTE MANAGEMENT

The Subject Property is undeveloped land and no solid wastes are generated from current Subject Property use.

6.6 HAZARDOUS WASTE MANAGEMENT

No hazardous wastes were observed at the Subject Property during the site reconnaissance.

6.7 POLYCHLORINATED BIPHENYLS (PCBs)

No potentially PCB-containing equipment was observed at the Subject Property during the site reconnaissance.

6.8 MERCURY

No potentially mercury-containing equipment was observed at the Subject Property during the site reconnaissance.

6.9 WATER AND WASTEWATER/STORM WATER

6.9.1 Water Supply

No known active water service is provided to the Subject Property. No water supply or irrigation wells were observed at the Subject Property.

According to the EDR database report, no public water supply wells were reported to be located within a 0.25-mile radius of the Subject Property.

6.9.2 Wastewater

No industrial or domestic wastewater is generated at the Subject Property.

6.9.3 Storm Water

Storm water is expected to percolate into the ground at the Subject Property and flow onto adjacent properties located topographically downslope from the Subject Property. No evidence of storm water run-off controls was observed and no storm water pollution prevention plan (SWPPP) was found for the Subject Property during the conduct of this assessment. Based on current Subject Property use, storm water is not considered to be of environmental concern.

6.10 SURFACE WATER AND WETLANDS

No surface water or wetland areas were observed on the Subject Property. An intermittent stream/river designated as Patterson Run was located approximately 100 feet southeast of the Subject Property at the closest point, beyond Patterson Pass Road.

No wetlands areas on the Subject Property were found during review of the United States Fish and Wildlife Service (USFWS) website interactive mapping service. Wetland areas designated as PEM1C and R4SBC were located adjacent to the southeast of the Subject Property beyond Patterson Pass Road along the path of Patterson Run (approximately 100 feet from the Subject Property at the closest point). A PEM1C wetland is a palustrine, emergent, persistent, and seasonally flooded wetland. A R4SBC wetland is a riverine, intermittent, streambed, and seasonally flooded wetland.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) depicting the Subject Property, Panels No. 06001C 0400G, the Subject Property is located in Zone X (unshaded). According to FEMA website information, Zone X (unshaded) includes areas of minimal flood hazard and determined to be outside of the 0.2% annual chance flood plain (500-year flood).

6.11 RADON

The Subject Property is located within a Zone 2 radon area, indicating that the average indoor radon level is greater than or equal to 2.0 picoCuries (pCi/L) of air and less than or equal to 4.0 pCi/L of air. The USEPA action level for radon is 4.0 pCi/L. According to federal residential radon survey information contained in the EDR database report, six tests were conducted within Alameda County in the same zip code as the Subject Property. All of the first floor living area tests had radon concentrations below the USEPA action level for radon. According to state residential radon survey information contained in the EDR database report, 39 tests were conducted within Alameda County in the same zip code as the Subject Property. Thirty-six (92%) of the tests had radon concentrations below the USEPA action level for radon. Radon is not considered to be of environmental concern to the Subject Property.

6.12 AIR EMISSIONS

During the site reconnaissance, there were no observed current Subject Property operations involving emissions that appeared to require permitting, emission controls, or abatement activities. This, however, should not be considered a regulatory compliance audit.

6.13 DRYCLEANING OPERATIONS

There were no observed Subject Property operations involving drycleaning operations.

6.14 MICROBIAL GROWTH AND MOISTURE INTRUSION

No evidence of potential microbial growth and/or moisture intrusion was observed at the Subject Property.

6.15 ENVIRONMENTAL NON-COMPLIANCE ISSUES

No environmental non-compliance issues associated with current Subject Property use were noted at the Subject Property. This assessment should not be considered a regulatory compliance audit.

6.16 VAPOR INTRUSION

No information regarding a potential vapor encroachment condition (VEC) indicative of vapor intrusion (VI) at the Subject Property by volatile compounds was found during this assessment.

6.17 SITE-SPECIFIC ENVIRONMENTAL ISSUES

No REC, HRECs, PECs, or *de minimis* conditions have been found in connection with the Subject Property. The following Subject Property-specific environmental issues was found to be associated with the Subject Property:

• Historical agricultural use of the Subject Property from at least 1940 to 1958 is considered to be a BER.

7.0 **REVIEW OF NEARBY/ADJACENT PROPERTIES**

The vicinity of the Subject Property can generally be described as a mixed light industrial and agricultural area in Alameda County, California. Nearby/adjacent properties observed during the Subject Property vicinity reconnaissance are described below.

- Northwest: Beyond an easement for electrical transmission lines is undeveloped land (part of APN 99B-7890-002-04 as well as undeveloped land with no known address [APNs 99B-7890-001-03 and 99B-7890-005-00]).
- East: Beyond an easement for electrical transmission lines is undeveloped land (part of APN 99B-7890-002-04), beyond which are Patterson Pass Road and then the Tesla Substation (17545 and 17585 Patterson Pass Road).
- Southeast: Patterson Pass Road, beyond which are an intermittent stream/river (Patterson Run) and primarily undeveloped land with some residential buildings approximately 1,400 feet from the Subject Property.
- South: Undeveloped land (part of APN 99B-7890-002-04), beyond which is a railroad track.
- West: Undeveloped land (part of APN 99B-7890-002-04).

The inspection of the abutting properties from curbside and a review of federal, state, and local regulatory agency databases/records did not reveal the presence of off-site sources that are considered to be RECs to the Subject Property at this time.

8.0 USER PROVIDED INFORMATION

A Phase I ESA questionnaire was provided to Levy Alameda, LLC to complete for the Subject Property. A completed questionnaire has not been received by the time of issuance of this report.

8.1 LAND TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULs)

No information regarding environmental liens or AULs was provided to Tetra Tech by Levy Alameda, LLC.

Tetra Tech requested a search for environmental liens and AULs for the Subject Property parcel from Texas Environmental Research in accordance with the scope of work for this assessment. No environmental liens or AULs were found for the Subject Property parcel (documentation is provided in Appendix D).

8.2 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

No commonly known or reasonably ascertainable information was provided to Tetra Tech by Levy Alameda, LLC except for the Subject Property APN, a preliminary title report, and a map showing the general location of the Subject Property.

8.3 SPECIALIZED KNOWLEDGE OR EXPERIENCE

No specialized knowledge or experience regarding the Subject Property was provided to Tetra Tech by Levy Alameda, LLC.

8.4 ACTUAL KNOWLEDGE

No actual knowledge regarding the Subject Property was provided to Tetra Tech by Levy Alameda, LLC.

8.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Levy Alameda, LLC provided Tetra Tech with no information indicating there was a valuation reduction for environmental issues associated with the Subject Property.

8.6 REASONS FOR PHASE I ESA PERFORMANCE

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with due diligence activities by Levy Alameda, LLC.

9.0 INTERVIEWS

9.1 INTERVIEW WITH SITE OWNER

Mr. Timothy Duffey, Mulqueeney Ranch Properties Director (owner representative) completed a Phase I ESA Questionnaire. Mr. Duffey was not aware of any environmental liens, AULs, spills/releases, or cleanups for the Subject Property. According to Mr. Duffey, the Subject property has been historically used for cattle grazing purposes.

9.2 INTERVIEW WITH SITE MANAGER

The Subject Property is not currently occupied and has no Subject Property Manager; therefore, there was no Subject Property Manager to be interviewed as part of this Phase I ESA.

9.3 INTERVIEW WITH OCCUPANTS

The Subject Property is not currently occupied; therefore, there were no occupants to be interviewed as part of this Phase I ESA.

9.4 INTERVIEW WITH PAST OWNERS, OPERATORS, AND OCCUPANTS

Past owners, operators, and occupants were not able to be contacted by Tetra Tech; therefore, these interviews were not conducted. This is not considered to be a significant data gap, as past uses of the Subject Property were obtained from other sources and previously discussed.

9.5 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Based on responses to regulatory agency records requests and information found on regulatory agencies' websites, no local government officials were interviewed.

9.6 INTERVIEWS WITH OTHERS

No other interviews were conducted with individuals other than those cited above in this Section 9.0.

10.0 FINDINGS AND OPINIONS, CONCLUSIONS, AND RECOMMENDATIONS

10.1 FINDINGS AND OPINIONS

The Subject Property is comprised of approximately 68.2 acres of land approximately 0.6 miles west of intersection of North Midway Road and West Patterson Pass Road, and approximately 475 feet west of the Tesla Substation, in an unincorporated area of Alameda County, California. The Subject Property is currently undeveloped land covered with grasses/vegetation. No buildings or structures are located on the Subject Property. No stressed vegetation, areas of staining, or other evidence of hazardous substance releases were observed at the Subject Property. A metal signpost was observed on top of a small hill in the southeast portion of the Subject Property. Current use of the Site is not considered to be a REC.

According to the historical records reviewed, the Subject Property was depicted as vacant or undeveloped land in at least 1907 and primarily farmland starting in at least 1949. The Subject Property was reportedly historically used for cattle grazing. The 1940 to 1958 aerial photographs depicted the Subject Property as agricultural land (row and/or field crops). By 1965, the property no longer appeared to be used for agricultural crops and appeared to be undeveloped. Historical use of the Subject Property is not considered to be a REC; however, historical agricultural use of the Subject Property in at least 1940 is considered to be a BER. Historical agricultural activities at the Site may have been subject to the application of pesticides and herbicides, which potentially could contain a number of hazardous substances. Only soil sampling could verify if elevated concentrations of pesticide- or herbicide-related hazardous substances would remain in Site soils.

Subject Property observations and the information reviewed for this assessment did not indicate RECs, HRECs, PECs, or BERs associated with the Subject Property regarding environmental liens, AULs, USTs, ASTs, solid waste management, hazardous waste management, PCBs, storm water, wetlands, radon, air emissions, drycleaners, microbial growth and moisture intrusion, or environmental non-compliance issues.

The inspection of the abutting properties from the Subject Property and a review of federal, state, and local regulatory agency databases/records did not reveal the presence of off-site sources that are considered to be RECs to the Subject Property at this time.

Tetra Tech reviewed the SWRCB's GeoTracker website for information regarding groundwater depth and flow direction in the vicinity of the Site. According to 2022 Annual Monitoring Report for the Class II Surface Impoundments (Terraphase Engineering Inc., 2023), depth to groundwater at the Musco Family Olive Company facility at 17950 Via Nicolo Road (approximately 2.2 miles east of the Subject Property) ranged from approximately 55 to 234 feet bgs in November 2022 with a groundwater flow direction in closer proximity to the Subject Property was found.

10.2 CONCLUSIONS

In the professional opinion of Tetra Tech, an appropriate level of inquiry has been made into the previous ownership and uses of the Subject Property consistent with good commercial and customary practice with the intent to minimize environmental liability. Based on the information cited in this assessment, current Subject Property use, and Tetra Tech's understanding of current regulatory guidelines and judgment, the following conclusions have been drawn (in addition to the conclusion in Section 11.0):

- No RECs, HRECs, PECs, or *de minimis* conditions have been found in connection with the Subject Property.
- The following BER has been found in connection with the Subject Property:
 - Historical agricultural use of the Subject Property from at least 1940 to 1958 is considered to be a BER.
- No off-site facilities are considered to be RECs to the Subject Property at this time.

10.3 RECOMMENDATIONS

Based on the information gathered during the performance of this assessment, current Subject Property use, and Tetra Tech's understanding of current regulatory guidelines and judgment, the following recommendations are presented for consideration:

- No further investigation is recommended at this time.
- In the event of any future construction and/or excavation activities at the Site, dust suppression may be necessary during construction activities. Additionally, near-surface soils should be sampled and analyzed for herbicide- and pesticide-related hazardous substances prior to being removed from the Site for any purpose.

11.0 CONCLUSION

In the professional opinion of Tetra Tech, an appropriate level of inquiry has been made into the previous ownership and uses of the Subject Property consistent with good commercial and customary practice with the intent to minimize environmental liability. Based on the information cited in this assessment and Tetra Tech's understanding of current regulatory guidelines and judgment, the following conclusion has been drawn:

• Tetra Tech has performed a Phase I ESA in conformance with the scope of work required by 40 CFR §312, et al., and ASTM Standard Practice E1527-21 of the property referenced as the undeveloped land located at 17257 Patterson Pass Road – Part of APN 99B-7890-002-04 in Alameda County, California (the Subject Property). This assessment revealed the no RECs, CRECs, or significant data gaps in connection with the Subject Property.

12.0 **DEVIATIONS**

There have been no significant deviations from the scope and limitations set forth in ASTM Standard Practice E1527-21 of which Tetra Tech is aware that would affect the conclusion of this Phase I ESA.
13.0 REFERENCES

Documents:

Alameda County Environmental Health (ACEH), 1994a, Case Closure Summary, US Wind Power, 17350 Patterson Pass Road, Livermore, California: dated April 22, 1994.

ACEH, 1994b, Remedial Action Completion Certification, US Wind Power, 17350 Patterson Pass Road, Livermore, California: dated July 29, 1994.

ASTM International (ASTM), 2021, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Standard Practice E1527-21: dated November 10, 2021.

California Department of Water Resources (CADWR), 2006, California's Groundwater Bulletin 118: dated 2006.

Environmental Data Resources, Inc. (EDR), 2023a, The EDR-Radius Map[™] Report with GeoCheck[®], 17257 Patterson Pass Road, Mountain House, California, Inquiry Number 7303734.2s: dated April 10, 2023.

EDR, 2023b, The EDR-City Image Report, 17257 Patterson Pass Road, Mountain House, California, Inquiry Number 7303734.5: dated April 12, 2023.

Terraphase Engineering Inc., 2023, 2022 Annual Monitoring Report for the Class II Surface Impoundments, January 1 through December 31, 2022, Musco Family Olive Company, Tracy, San Joaquin County, California: dated January 31, 2023.

Texas Environmental Research, 2023, Environmental Lien and Other Activity Use Limitations (AULs) Search, Parcel 99B-7890-2-4, Alameda County, California: dated May 26, 2023.

<u>Maps</u>:

EDR, 2023c, Certified Sanborn[®] Map Report, 17257 Patterson Pass Road, Mountain House, Inquiry Number 7303734.3: dated April 10, 2023.

EDR, 2023d, EDR Historical Topo Map Report with QuadMatch[™], 17257 Patterson Pass Road, Mountain House, California, Inquiry Number 7303734.4: dated April 10, 2023.

Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map (FIRM), Panel No. 06001C 0400G: dated August 3, 2009.

Tetra Tech, Inc. (2023), ALTA/NSPS Land Title Survey, Mulqueeney Ranch Properties, 17257 Patterson Pass Road, Tracy, CA 95377.

United States Geological Survey (USGS), Midway, California, Quadrangle – 7.5-Minute Topographic Map: dated 2018.

Agencies/Persons Contacted/Records Reviewed:

Alameda County Assessor's Office.

Alameda County Building Department (ACBD).

Alameda County Environmental Health (ACEH).

Alameda County Fire Department (ACFD).

Alameda County Planning Department (ACPD).

Bay Area Air Quality Management District (BAAQMD).

California Geologic Energy Management Division (CalGEM).

California Regional Water Quality Control Board - Central Valley Region (CVRWQCB).

Duffey, Mr. Timothy (Mulqueeney Ranch Properties Director; owner representative).

National Pipeline Mapping System (NPMS).

United States Department of Agriculture (USDA), National Resources Conservation Services (NRCS).

United States Fish and Wildlife Service (USFWS).

<u>Aerial Photographs</u>:

EDR, 2023e, The EDR Aerial Photo Decade Package, 17257 Patterson Pass Road, Mountain House, California, Inquiry Number 7303734.8: dated April 10, 2023.

University of California Santa Barbara (UCSB) Aerial Photograph Collection on FrameFinder website: Aerial Photographs Dated 1940, 1957, 1958, 1965, and 1981.

14.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Mr. Mike Ferrif performed the site reconnaissance and wrote portions of the Phase I ESA Report. Ms. Tanya MacLean compiled Report data and wrote the Phase I ESA Report. Mr. Steven Grod and Mr. Mark Feldman provided technical review. The signatures of Ms. MacLean, Mr. Grod, and Mr. Feldman are included in this section of the Report.

Tanna MacLean

TANYA MACLEAN Due Diligence Scientist Phone: 949-809-5080 August 7, 2023

march I

STEVEN GROD Senior Project Manager Phone: 949-809-5076 August 7, 2023

MARK FELDMAN, PG, CHG, CEG Principal Geologist Phone: 909-382-5116 August 7, 2023

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

15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

The qualifications of Mr. Ferrif, Ms. MacLean, Mr. Grod, and Mr. Feldman are summarized in the resumes that are included in Appendix F.

FIGURES Figure 1 – Subject Property Location Map Figure 2 – Subject Property Map

University University		
SOURCE: 2022 AERIAL PHOTOGRAPH (GOOGLE EARTH PRO)	0 2,000 4, SCALE (FEET)	,000 N
UNDEVELOPED LAND 17257 PATTERSON PASS ROAD PART OF APN 99B-7890-002-04 ALAMEDA COUNTY, CALIFORNIA 95377	AUGUST 7, 2023 TETRA TECH PROJ. NO. T42991.01	SUBJECT PROPERTY LOCATION MAP FIGURE 1





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LEGEND	
	SUBJECT PROPERTY BOUNDARY
APN	ASSESSOR PARCEL NUMBER
	ELECTRICAL TRANSMISSION LINES
+++++++++++++++++++++++++++++++++++++++	RAILROAD TRACK

NOTES

- 1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 BASE MAP AND SUBJECT PROPERTY BOUNDARIES DERIVED FROM AMERICAN LAND TITLE ASSOCIATION / NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS (ALTA / NSPS) LAND TITLE SURVEY BY TETRA TECH (2023).
 SUBJECT PROPERTY FEATURES OBTAINED DURING A SITE RECONNAISSANCE BY PERSONNEL FROM TETRA TECH.

SUBJECT PROPERTY MAP

FIGURE 2

APPENDIX A SUBJECT PROPERTY PHOTOGRAPHS





Photograph No. 1: Northwest view across the central portion of the Subject Property.



Photograph No. 2: Northwest view across the central portion of the Subject Property from near the south boundary.





Photograph No. 3: East view across the central portion of the Subject Property from near the west boundary.



Photograph No. 4: Southwest view across the Subject Property from near the unpaved road along the north boundary.





Photograph No. 5: Southwest view along the southeast boundary of the Subject Property.



Photograph No. 6: Southwest view of the southern portion of the Subject Property. A metal sign post was observed at the top of a small hill (right), and Patterson Pass Road is visible in the background (left).





Photograph No. 7: Southeast view of the southeast portion of the Subject Property.



Photograph No. 8: Northwest view of the northwest boundary of the Subject Property. Electrical transmission lines and towers and undeveloped adjacent properties northwest of the Subject Property are visible beyond.





Photograph No. 9: Northeast view along the northwest boundary of the Subject Property. Undeveloped properties northwest of the Subject property are visible in the background at left.



Photograph No. 10: West view of the entrance gate that provides access to the Subject Property from Patterson Pass Road.





Photograph No. 11: North view of electrical transmission lines and undeveloped land (no known address), located adjacent to and northwest of the Subject Property.



Photograph No. 12: North view of undeveloped land (no known address), located adjacent to and east of the Subject Property.





Photograph No. 13: East view of the Tesla Substation (in background; 17545 and 17585 Patterson Pass Road), located nearby to and east of the Subject Property.



Photograph No. 14: Southeast view of undeveloped land (17350 Patterson Pass Road), located adjacent to and southeast of the Subject Property. Residential structures are located on this parcel, approximately 1,550 feet from the Subject Property.

APPENDIX B EDR REGULATORY DATABASE REPORT

17257 Patterson Pass Road

17257 Patterson Pass Road Mountain House, CA 95377

Inquiry Number: 7303734.2s April 10, 2023

The EDR Radius Map[™] Report with GeoCheck®



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

FORM-LBC-ASH

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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), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

17257 PATTERSON PASS ROAD MOUNTAIN HOUSE, CA 95377

COORDINATES

Latitude (North):	37.7117630 - 37° 42' 42.34"
Longitude (West):	121.5741640 - 121° 34' 26.99''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	625679.4
UTM Y (Meters):	4174587.0
Elevation:	458 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: Version Date: 12008740 MIDWAY, CA 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: Source: 20140628 USDA

Target Property Address: 17257 PATTERSON PASS ROAD MOUNTAIN HOUSE, CA 94550

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	WILSON UTILITY CONST	17350 PATTERSON PASS	RCRA NonGen / NLR	Lower	461, 0.087, SE
2	US WINDPOWER	17350 PATTERSON PASS	LUST, Alameda County CS, Cortese, HIST CORTESE,	Lower	461, 0.087, SE
A3	PG&E: TESLA SUBSTATI	17545 PATTERSON PASS	CERS HAZ WASTE, CERS	Lower	682, 0.129, ENE
A4	PG&E: TESLA SUBSTATI	17545 PATTERSON PASS	CERS TANKS	Lower	682, 0.129, ENE
A5	PG&E: TESLA SUBSTATI	17545 PATTERSON PASS	AST	Lower	682, 0.129, ENE
A6	PG&E TESLA SUBSTATIO	17545 PATTERSON PASS	RCRA-LQG	Lower	682, 0.129, ENE

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

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL_____ National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY______ Federal Facility Site Information listing SEMS______ Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE_____ Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-SQG______ RCRA - Small Quantity Generators RCRA-VSQG______ RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

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

US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS_____ Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE...... State Response Sites

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR EnviroStor Database

Lists of state and tribal landfills and solid waste disposal facilities SWF/LF______Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST_____ Leaking Underground Storage Tanks on Indian Land CPS-SLIC_____ Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST...... Underground Storage Tank Listing UST...... Active UST Facilities INDIAN UST...... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

Lists of state and tribal brownfield 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
CDL	
Toxic Pits	. Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST	SWEEPS UST Listing
HIST UST	Hazardous Substance Storage Container Database
CA FID UST	- Facility Inventory Database

Local Land Records

LIENS	Environmental Liens Listing
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

DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS	 2020 Corrective Action Program List Toxic Substances Control Act Toxic Chemical Release Inventory System Section 7 Tracking Systems Records Of Decision Risk Management Plans RCRA Administrative Action Tracking System Potentially Responsible Parties PCB Activity Database System
FTTS	Integrated Compliance Information System FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
	Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
	Coal Combustion Residues Surface Impoundments List
	PCB Transformer Registration Database
	Radiation Information Database
	- FIFRA/TSCA Tracking System Administrative Case Listing
	Superfund (CERCLA) Consent Decrees
FUSKAP	Formerly Utilized Sites Remedial Action Program

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HWTS	Hazardous Waste Tracking System
	List of PFAS Added to the TRI
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical 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

Lists of Federal RCRA generators

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PG&E TESLA SUBSTATIO EPA ID:: CAR000348615	17545 PATTERSON PASS	ENE 1/8 - 1/4 (0.129 mi.)	A6	23

Lists of state and tribal leaking storage tanks

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
US WINDPOWER	17350 PATTERSON PASS	SE 0 - 1/8 (0.087 mi.)	2	11
Database: LUST REG 2, Date	of Government Version: 09/30/2004	. ,		
Database: LUST, Date of Gove	ernment Version: 03/06/2023			
Status: Completed - Case Clos	sed			
Global Id: T0600101500				
date9: 7/29/1994				
Facility Id: 01-1625				
Facility Status: Case Closed				

Alameda County CS: 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).

A review of the Alameda County CS list, as provided by EDR, and dated 01/09/2019 has revealed that there is 1 Alameda County CS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
US WINDPOWER Record Id: RO0001051 Status: Case Closed	17350 PATTERSON PASS	SE 0 - 1/8 (0.087 mi.)	2	11

Lists of state and tribal registered storage tanks

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
PG&E: TESLA SUBSTATI Database: AST, Date of Governme	17545 PATTERSON PASS nt Version: 07/06/2016	ENE 1/8 - 1/4 (0.129 mi.)	A5	22

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/05/2023 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PG&E: TESLA SUBSTATI	17545 PATTERSON PASS	ENE 1/8 - 1/4 (0.129 mi.)	A3	14

Local Lists of Registered Storage Tanks

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 01/06/2023 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PG&E: TESLA SUBSTATI	17545 PATTERSON PASS	ENE 1/8 - 1/4 (0.129 mi.)	A4	18

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
WILSON UTILITY CONST EPA ID:: CAC003198842	17350 PATTERSON PASS	SE 0 - 1/8 (0.087 mi.)	1	9	

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 12/14/2022 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
US WINDPOWER	17350 PATTERSON PASS	SE 0 - 1/8 (0.087 mi.)	2	11	
Cleanup Status: COMPLETED - CASE	CLOSED				

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

Lower Elevation	Address	Direction / Distance	Map ID	Page	
US WINDPOWER Reg ld: 01-1625	17350 PATTERSON PASS	SE 0 - 1/8 (0.087 mi.)	2	11	

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name

PATTERSON PASS ROAD

PATTERSON PASS WIND FARM 25775 PATTERSON ROAD

Database(s)

NPDES CDL RCRA NonGen / NLR HMIRS

OVERVIEW MAP - 7303734.2S



DETAIL MAP - 7303734.2S



- Target Property \mathcal{N}
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors 2
- National Priority List Sites
- Dept. Defense Sites



Indian Reservations BIA Power transmission lines

- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

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

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Areas of Concern

		CLIENT: Tetra Tech Inc. CONTACT: Tanya Maclean	
LAT/LONG:	Mountain House CA 95377	INQUIRY #: 7303734.2s DATE: April 10, 2023 1:53 pm	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Lists of Federal NPL (Su	ıperfund) sites							
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Lists of Federal Delisted	NPL sites							
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites su CERCLA removals and		'S						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCL	A sites with NF	RAP						
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA f undergoing Corrective A								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA 7	SD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA g	enerators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	1 0 0	NR NR NR	NR NR NR	NR NR NR	1 0 0
Federal institutional cor engineering controls re								
LUCIS US ENG CONTROLS US INST CONTROLS	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	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste faciliti								
ENVIROSTOR	1.000		0	0	0	0	NR	0
Lists of state and tribal and solid waste disposa								
SWF/LF	0.500		0	0	0	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
Lists of state and tribal	leaking storag	ge tanks						
LUST INDIAN LUST CPS-SLIC Alameda County CS	0.500 0.500 0.500 0.500		1 0 0 1	0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	1 0 0 1
Lists of state and tribal	registered sto	orage tanks						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0	0 0 1 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 1 0
Lists of state and tribal	voluntary clea	anup sites						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of state and tribal		tes						
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONME	NTAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Waste Disposal Sites	Solid							
WMUDS/SWAT SWRCY HAULERS INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 TP 0.500 0.500 0.500 0.500		0 0 NR 0 0 0 0	0 0 NR 0 0 0 0	0 0 NR 0 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0 0 0
Local Lists of Hazardou Contaminated Sites	is waste /							
US HIST CDL HIST Cal-Sites SCH CDL Toxic Pits CERS HAZ WASTE US CDL	TP 1.000 0.250 TP 1.000 0.250 TP		NR 0 0 NR 0 0 NR	NR 0 0 NR 0 1 NR	NR 0 NR 0 NR NR	NR 0 NR NR 0 NR NR	NR NR NR NR NR NR	0 0 0 0 1 0
Local Lists of Registere	ed Storage Tar	nks						
SWEEPS UST HIST UST CA FID UST CERS TANKS	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 1	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 1

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS LIENS 2 DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency I	Release Repo	orts						
HMIRS CHMIRS LDS MCS SPILLS 90	TP TP TP TP TP		NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE	0.250 1.000 1.000 0.500 TP TP 0.250 TP TP TP 1.000 TP TP TP TP TP TP TP		1 0 0 NR 0 NR NR 0 NR NR NR NR NR NR NR NR NR	0 0 0 0 RR 0 RR N 0 RR N RR N N N N N N	NR 0 0 0 NR NR NR NR 0 NR	NR 0 NR NR NR NR NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR NR NR NR N	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES ABANDONED MINES FINDS DOCKET HWC ECHO UXO FUELS PROGRAM	TP 0.500 TP TP TP 1.000 1.000 1.000 0.500 TP TP 0.250 0.250 TP TP TP TP 1.000 0.250		NR 0 NR NR 0 0 0 0 NR NR 0 0 NR NR 0 0 0 0	NR OR NR NR O O O NR NR O O NR RR O O O O	NR O RR NR O O O O RR RR RR NR O R NR NR O R	NR NR NR NR NR NR NR NR NR NR NR NR NR N	NR NR NR NR NR NR NR NR NR NR NR NR NR N	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
	0.050		0	0				0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR NR	NR	0
PFAS WQP PFAS NPDES	0.250		0	0	NR	NR	NR NR	0
PFAS NPDES PFAS ECHO	0.250 0.250		0 0	0 0	NR NR	NR	NR	0 0
PFAS ECHO FIRE TRAINI			0		NR	NR	NR	0
PFAS PART 139 AIRPORT			0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0 0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	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		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	0	0	NR	NR	1
HWP	1.000		0	õ	Ő	0	NR	Ö
HWT	0.250		Õ	Õ	NR	NR	NR	Ő
HAZNET	TP		NR	NR	NR	NR	NR	Õ
MINES	0.250		0	0	NR	NR	NR	Ō
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	41		NR	NR	NR	NR	NR	0
	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
	TP			NR	NR			0
SAMPLING POINT WELL STIM PROJ	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
HWTS	TP		NR	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250 TP		NR	NR	NR	NR	NR	0
								0
EDR HIGH RISK HISTORICA	L RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
EDR Hist Auto EDR Hist Cleaner	0.125 0.125		0 0	NR NR	NR NR	NR NR	NR NR	0 0	
EDR RECOVERED GOVERNMENT ARCHIVES									
Exclusive Recovered Go	vt. Archives								
RGA LF RGA LUST	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0	
- Totals		0	5	4	0	0	0	9	

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database
Database(s)

EDR ID Number EPA ID Number

1 SE < 1/8 0.087 mi. 461 ft.	WILSON UTILITY CONSTRUCTION COMPANY 17350 PATTERSON PASS ROAD TRACY, CA 95377	RCRA NonGen / NLR 1027460391 CAC003198842
401 11.		
Relative:	RCRA Listings:	
Lower	Date Form Received by Agency:	20221011
Actual:	Handler Name: Handler Address:	Wilson Utility Construction Company
440 ft.		17350 PATTERSON PASS ROAD
	Handler City,State,Zip: EPA ID:	TRACY, CA 95377 CAC003198842
	Contact Name:	DANIEL DEBRULER
	Contact Address:	5030 HILLSDALE CIRCLE
	Contact City, State, Zip:	EL DORADO HILLS, CA 95762
	Contact Telephone:	503-729-6205
	Contact Fax:	Not reported
	Contact Email:	DDEBRULER@WILSONCONST.COM
	Contact Title:	Not reported
	EPA Region:	09
	Land Type:	Not reported
	Federal Waste Generator Description:	Not a generator, verified
	Non-Notifier:	Not reported
	Biennial Report Cycle:	Not reported
	Accessibility:	Not reported
	Active Site Indicator: State District Owner:	Not reported
	State District Owner.	Not reported Not reported
	Mailing Address:	PO BOX 1190
	Mailing City,State,Zip:	CANBY, OR 97013
	Owner Name:	Wilson Utility Construction Company
	Owner Type:	Other
	Operator Name:	Daniel Debruler
	Operator Type:	Other
	Short-Term Generator Activity:	No
	Importer Activity:	No
	Mixed Waste Generator:	No
	Transporter Activity:	No
	Transfer Facility Activity:	No
	Recycler Activity with Storage:	No
	Small Quantity On-Site Burner Exemption:	No
	Smelting Melting and Refining Furnace Exemption:	No
	Underground Injection Control: Off-Site Waste Receipt:	No No
	Universal Waste Indicator:	No
	Universal Waste Destination Facility:	No
	Federal Universal Waste:	No
	Active Site State-Reg Handler:	
	Federal Facility Indicator:	Not reported
	Hazardous Secondary Material Indicator:	N
	Sub-Part K Indicator:	Not reported
	2018 GPRA Permit Baseline:	Not on the Baseline
	2018 GPRA Renewals Baseline:	Not on the Baseline
	202 GPRA Corrective Action Baseline:	No
	Subject to Corrective Action Universe:	No
	Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
	Corrective Action Priority Ranking:	No NCAPS ranking
	Environmental Control Indicator:	No
	Institutional Control Indicator:	No

Map ID Direction Distance Elevation Site

Database(s)

EDR ID Number EPA ID Number

WILSON UTILITY CONSTRUCTION COMPANY (Continued)	
Human Exposure Controls Indicator:	
Groundwater Controls Indicator:	

Human Exposure Controls Indicator: Groundwater Controls Indicator: Significant Non-Complier Universe: Unaddressed Significant Non-Complier Universe: Addressed Significant Non-Complier Universe: Significant Non-Complier With a Compliance Schedule Universe: Financial Assurance Required: Handler Date of Last Change: Recognized Trader-Importer: Recognized Trader-Exporter: Importer of Spent Lead Acid Batteries: Exporter of Spent Lead Acid Batteries: Recycler Activity Without Storage: Manifest Broker:	N/A N/A No No No Not reported 20221012 No No No No No No No No No
, , ,	
Sub-Part P Indicator:	No

Handler - Owner Operator: Owner/Operator Indicator:	Operator
Owner/Operator Name: DANIEL DEBRULER	Operator
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5030 HILLSDALE CIRCLE
Owner/Operator City,State,Zip:	EL DORADO HILLS, CA 95762
Owner/Operator Telephone:	503-729-6205
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: WILSON UTILITY CONST	RUCTION COMPANY

owner/operator Name. Wiedow offern of	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1190 NW 3RD AVE
Owner/Operator City,State,Zip:	CANBY, OR 97013
Owner/Operator Telephone:	503-263-6882
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:		
Receive Date:		20221011
Handler Name:	WILSON UTILITY CON	NSTRUCTION COMPANY
Federal Waste Gen	erator Description:	Not a generator, verified
State District Owner		Not reported
Large Quantity Han	dler of Universal Waste:	No
Recognized Trader	Importer:	No
Recognized Trader	Exporter:	No
Spent Lead Acid Ba	ttery Importer:	No
Spent Lead Acid Ba	ttery Exporter:	No
Current Record:		Yes
Non Storage Recyc	ler Activity:	No
Electronic Manifest	Broker:	No

1027460391

lap ID Direction		MAP FINDINGS		
istance levation	Site		Database(s)	EDR ID Numbe EPA ID Number
	WILSON UTILITY CONSTRUCTION CO	MPANY (Continued)		1027460391
	List of NAICS Codes and Descriptions: NAICS Code: NAICS Description:	237120 OIL AND GAS PIPELINE AND RELATED ST		
	NAICS Description.	OIL AND GAS FIFELINE AND RELATED ST		
	Facility Has Received Notices of Violat Violations:	ions: No Violations Found		
	Evaluation Action Summary: Evaluations:	No Evaluations Found		
E 1/8 .087 mi.	US WINDPOWER 17350 PATTERSON PASS RD LIVERMORE, CA 94550		LUST Alameda County CS Cortese HIST CORTESE	S102439440 N/A
61 ft.			CERS	
elative:	LUST:			
ower	Name:	USA WINDPOWER		
ctual: 41 ft.	Address: City,State,Zip:	17350 PATTERSON PASS LIVERMORE, CA 94550		
4111.	Lead Agency:	ALAMEDA COUNTY LOP		
	Case Type:	LUST Cleanup Site		
	Geo Track:	http://geotracker.waterboards.ca.gov/profile_	report.asp?global_id=T	0600101500
	Global Id:	T0600101500		
	Latitude:	37.70903		
	Longitude:	-121.57141		
	Status:	Completed - Case Closed		
	Status Date:	07/29/1994		
	Case Worker:	Not reported		
	RB Case Number:	Not reported		
	Local Agency:	Not reported		
	File Location:	All Files are on GeoTracker or in the Local A	gency Database	
	Local Case Number:	R00001051		
	Potential Media Affect:	Soil		
	EPA Region:	Waste Oil / Motor / Hydraulic / Lubricating 9		
	Coordinate Source:	Google Geocode		
	Cuf Case:	NO		
	Quantity Released Gallons:	0		
	Begin Date:	04/20/1990		
	Leak Reported Date:	04/20/1990		
	How Discovered:	Other Means		
	How Discovered Description:	Not reported		
	Discharge Source:	Not reported		
	Discharge Cause:	Not reported		
	Stop Method:	Other Means		
	Stop Description:	Not reported		
	No Further Action Date:	07/29/1994 North Diable Bange (542.00)		
	CA Water Watershed Name:	North Diablo Range (543.00)		
		San Joaquin Valley - Tracy (5-022.15) Not reported		
		INCLIEUUIIEU		
	Disadvantaged Community:	•		
	CA Enviroscreen 3 Score:	31-35%		
	- · ·	•		

EDR ID Number Database(s)

EPA ID Number

	1)
US WINDPOWER (Continue RWQCB Region: Site History:	CENTRAL VALLEY RWQCB (REGION 5S) Not reported
LUST: Global Id: Contact Type: Contact Name: Organization Name: Address: City: Email: Phone Number:	T0600101500 Regional Board Caseworker Regional Water Board SAN FRANCISCO BAY RWQCB (REGION 2) 1515 CLAY ST SUITE 1400 OAKLAND Not reported Not reported
LUST: Global Id: Action Type: Date: Action:	T0600101500 REMEDIATION 09/09/9999 Not reported
Global Id: Action Type: Date: Action:	T0600101500 Other 04/20/1990 Leak Reported
LUST: Global Id: Status: Status Date:	T0600101500 Open - Case Begin Date 04/20/1990
Global Id: Status: Status Date:	T0600101500 Completed - Case Closed 07/29/1994
Preliminary Site Assesn Pollution Characterization Pollution Remediation F Date Remediation Actio	on Began: Not reported Plan Submitted: Not reported

Alameda County CS:

Name:	USA WINDPOWER
Address:	17350 PATTERSON PASS RD
City,State,Zip:	LIVERMORE, CA 94550
Status:	Case Closed

S102439440

Database(s)

EDR ID Number EPA ID Number

S102439440

US WINDPOWER (Continued)

Record Id:	RO0001051
PE:	5602
Facility Status:	Case Closed
Latitude:	37.710414807
Longitude:	-121.57151643

CORTESE:

CORTESE.	
Name:	USA WINDPOWER
Address:	17350 PATTERSON PASS
City,State,Zip:	LIVERMORE, CA 94550
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101500
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name	•
File Name:	Active Open
Flie Name.	Active Open
HIST CORTESE:	
edr_fname:	US WINDPOWER
edr_fadd1:	17350 PATTERSON PASS
City,State,Zip:	LIVERMORE, CA 94550
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1625
CERS:	
Name:	USA WINDPOWER
Name: Address:	USA WINDPOWER 17350 PATTERSON PASS
Address:	17350 PATTERSON PASS
Address: City,State,Zip:	17350 PATTERSON PASS LIVERMORE, CA 94550
Address: City,State,Zip: Site ID:	17350 PATTERSON PASS LIVERMORE, CA 94550 234737
Address: City,State,Zip: Site ID: CERS ID:	17350 PATTERSON PASS LIVERMORE, CA 94550 234737 T0600101500
Address: City,State,Zip: Site ID: CERS ID: CERS Description: Affiliation:	17350 PATTERSON PASS LIVERMORE, CA 94550 234737 T0600101500 Leaking Underground Storage Tank Cleanup Site
Address: City,State,Zip: Site ID: CERS ID: CERS Description: Affiliation: Affiliation Type Desc:	17350 PATTERSON PASS LIVERMORE, CA 94550 234737 T0600101500 Leaking Underground Storage Tank Cleanup Site Regional Board Caseworker
Address: City,State,Zip: Site ID: CERS ID: CERS Description: Affiliation: Affiliation Type Desc: Entity Name:	17350 PATTERSON PASS LIVERMORE, CA 94550 234737 T0600101500 Leaking Underground Storage Tank Cleanup Site Regional Board Caseworker Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Address: City,State,Zip: Site ID: CERS ID: CERS Description: Affiliation: Affiliation Type Desc: Entity Name: Entity Title:	17350 PATTERSON PASS LIVERMORE, CA 94550 234737 T0600101500 Leaking Underground Storage Tank Cleanup Site Regional Board Caseworker Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2) Not reported
Address: City,State,Zip: Site ID: CERS ID: CERS Description: Affiliation: Affiliation Type Desc: Entity Name: Entity Title: Affiliation Address:	17350 PATTERSON PASS LIVERMORE, CA 94550 234737 T0600101500 Leaking Underground Storage Tank Cleanup Site Regional Board Caseworker Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2) Not reported 1515 CLAY ST SUITE 1400
Address: City,State,Zip: Site ID: CERS ID: CERS Description: Affiliation: Affiliation Type Desc: Entity Name: Entity Title:	17350 PATTERSON PASS LIVERMORE, CA 94550 234737 T0600101500 Leaking Underground Storage Tank Cleanup Site Regional Board Caseworker Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2) Not reported

Database(s)

EDR ID Number EPA ID Number

			0400400440
	US WINDPOWER (Continue Affiliation Country: Affiliation Zip: Affiliation Phone:	Not reported Not reported ,	S102439440
A3 ENE 1/8-1/4 0.129 mi.	PG&E: TESLA SUBSTATION 17545 PATTERSON PASS R TRACY, CA 95377		S121745120 N/A
682 ft.	Site 1 of 4 in cluster A		
Relative:	CERS HAZ WASTE:		
Lower	Name:	PG&E: TESLA SUBSTATION	
Actual:	Address:	17545 PATTERSON PASS RD	
393 ft.	City,State,Zip: Site ID:	TRACY, CA 95377 143533	
	CERS ID:	10148405	
	CERS Description:	Hazardous Waste Generator	
	CERS:		
	Name: Address:	PG&E: TESLA SUBSTATION 17545 PATTERSON PASS RD	
	City,State,Zip:	TRACY, CA 95377	
	Site ID:	143533	
	CERS ID:	10148405	
	CERS Description:	Chemical Storage Facilities	
	Violations:		
	Site ID: Site Name:	143533 PG&E: Tesla Substation	
	Violation Date:	06-09-2018	
	Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22,	
		Chapter 12, Section(s) 66262.40(a)	
	Violation Description:	Failure to keep a copy of each properly signed manifest for at least	
	Violation Notes:	three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. Returned to compliance on 06/19/2018. OBSERVATION: The facility to maintain a signed copy of manifests from the designated facility for 3 years as indicated by the following observation Missing manifest 016321585JJK for the year 2016. CORRECTIVE ACTION: - Immediately locate the missing manifest Maintain manifest on site	
	Violation Division: Violation Program: Violation Source:	for 3 years Submit self-certify Return to Compliance (RTC) form to ACDEH within 30 days. Alameda County Environmental Health HW CERS,	
	Evaluation:		
	Eval General Type:	Compliance Evaluation Inspection	
	Eval Date:	05-27-2015 No	
	Violations Found: Eval Type:	No Routine done by local agency	
	Eval Notes:	Onsite to conduct a Hazardous Materials Business Plan (HMBP)	
		inspection with Environmental Field Specialist, Stephen Dioszegi. Facility's most recent HMBP submittal was on 12/8/2014. Facility is	

EDR ID Number Database(s) EPA ID Number

PG&E: TESLA SUBSTATION (Continued)

S121745120

E: TESLA SUBSTATIO	(continued)
Eval Division: Eval Program: Eval Source:	exempted from APSA (Transformer oil exemption / <5PPM PCB Oil). Alameda County Environmental Health HMRRP CERS,
Eval General Type: Eval Date: Violations Found: Eval Type: Eval Notes: Eval Notes:	Compliance Evaluation Inspection 06-11-2018 No Routine done by local agency The purpose of the inspection was to determine PG&E: TESLA SUBSTATION compliance with applicable Health and Safety Code, Division 20, Chp. 6.95, and the California Code of Regulations (CCR), Title 22. Alameda County Dept. of Environmental Health (ACDEH) inspector arrived on-site at PG&E: TESLA SUBSTATION located at 17545 Patterson Pass Rd. Tracy, CA 95377 to conduct a routine inspection of Hazardous Materials Business Plan (HMBP), Hazardous Waste Generator (HWG), and Clean Water programs. ACDEH met with Mr. Stephen Dioszegi the facility's representative who granted consent and assisted ACDEH with this inspection. Facility/Site Description: - PG&E: Tesla Substation operates as a transmission substation with 500,000 kV main power The facility stores hazardous materials including, lead acid batteries, compressed gases (Nitrogen, Sulfur Hexafluoride, Acetylene, Carbon Dioxide, Oxygen, unleaded gasoline, diesel fuel, HV voil transformer oil, and insulating oil. [Truncated] Alameda County Environmental Health
Eval Program: Eval Source:	HMRRP CERS,
Eval General Type: Eval Date: Violations Found: Eval Type: Eval Notes:	Compliance Evaluation Inspection 11-02-2022 No Routine done by local agency ACDEH staff completed the hazardous waste inspection and reviewed hazardous waste disposal records and the facility operates as a hazardous waste consolidation yard storage. Hazardous waste includes; 7-55 gallon drums of waste transformer oil 15-55 gallon drums of waste dielectric oil 2-300 gallon totes of waste transformer oil No violations were noted during the inspection and no further action is required at this time.
Eval Division: Eval Program: Eval Source:	Alameda County Environmental Health HW CERS,
Eval General Type: Eval Date: Violations Found: Eval Type: Eval Notes:	Compliance Evaluation Inspection 05-27-2015 No Routine done by local agency Onsite to conduct a Hazardous Waste Generator (HWG) inspection with Environmental Field Specialist, Stephen Dioszegi. Facility's most recent HMBP submittal was on 12/8/2014. Facility is normally a Small Quantity Generator, but according to recent Hazardous Waste disposals, can periodically fall into Large Quantity Generator Category. Facility disposes waste within 90 days by PSC.
Eval Division: Eval Program: Eval Source:	Alameda County Environmental Health HW CERS,

Database(s)

EDR ID Number **EPA ID Number**

PG&E: TESLA SUBSTATION (Continued)

S121745120 Compliance Evaluation Inspection Eval General Type: 06-11-2018 Eval Date: Violations Found: Yes Routine done by local agency Eval Type: **Eval Notes:** The purpose of the inspection was to determine PG&E: TESLA SUBSTATION compliance with applicable Health and Safety Code, Division 20, Chp. 6.95, and the California Code of Regulations (CCR), Title 22. Alameda County Dept. of Environmental Health (ACDEH) inspector arrived on-site at PG&E: TESLA SUBSTATION located at 17545 Patterson Pass Rd. Tracy, CA 95377 to conduct a routine inspection of Hazardous Materials Business Plan (HMBP), Hazardous Waste Generator (HWG), and Clean Water programs. ACDEH met with Mr. Stephen Dioszegi the facility's representative who granted consent and assisted ACDEH with this inspection. Facility/Site Description: - PG&E: Tesla Substation operates as a transmission substation with 500,000 kV main power. -The facility is one of PG&E's consolidation site for remote sites including remote sites from Stockton, Stanislaus, and San Joaquin. The facility has a current Annual Consolidation Site Notification submitted in the California [Truncated] Eval Division: Alameda County Environmental Health Eval Program: HW Eval Source: CERS. Eval General Type: Compliance Evaluation Inspection Eval Date: 11-02-2022 Violations Found: No Eval Type: Routine done by local agency **Eval Notes:** ACDEH staff arrived on site and met with facility representative, Steve Dioszegi, who provided consent to complete the inspection. Facility information in CERS is accurate and employee training is completed and documented annually. Hazardous materials on site includes; No violations were noted during the inspection and no further action is required. Eval Division: Alameda County Environmental Health Eval Program: HMRRP Eval Source: CERS, Coordinates: Site ID: 143533 Facility Name: PG&E: Tesla Substation Env Int Type Code: HWG Program ID: 10148405 Coord Name: Not reported Ref Point Type Desc: Center of a facility or station., 37.713150 Latitude: Longitude: -121.548960 Affiliation: Affiliation Type Desc: **Document Preparer** Entity Name: Steve Dioszegi Entity Title: Not reported Affiliation Address: Not reported Affiliation City: Not reported Affiliation State: Not reported Affiliation Country: Not reported Affiliation Zip: Not reported

Identification Signer

Larry Jeffris

Not reported

Not reported

Not reported

Senior Manager

Database(s)

EDR ID Number EPA ID Number

PG&E: TESLA SUBSTATION (Continued)

Affiliation Phone:

Affiliation Type Desc: Entity Name: Entity Title: Affiliation Address: Affiliation City: Affiliation State: Affiliation State: Affiliation Country: Affiliation Zip: Affiliation Phone:

Affiliation Type Desc: Entity Name: Entity Title: Affiliation Address: Affiliation City: Affiliation State: Affiliation Country: Affiliation Zip: Affiliation Phone:

Affiliation Type Desc: Entity Name: Entity Title: Affiliation Address: Affiliation City: Affiliation State: Affiliation Country: Affiliation Zip: Affiliation Phone:

Affiliation Type Desc: Entity Name: Entity Title: Affiliation Address: Affiliation City: Affiliation State: Affiliation Country: Affiliation Zip: Affiliation Phone:

Affiliation Type Desc: Entity Name: Entity Title: Affiliation Address: Affiliation City: Affiliation State: Affiliation Country: Affiliation Zip: Affiliation Phone:

Affiliation Type Desc: Entity Name: Entity Title: Affiliation Address: Affiliation City: Not reported Not reported Operator Pacific Gas and Electric Company Not reported Not reported Not reported Not reported Not reported Not reported (209) 831-2241, **CUPA** District Alameda County Env Health Not reported 1131 Harbor Parkway, Suite 240 Alameda CA Not reported 94502-6577 (510) 567-6700, **Environmental Contact** Stephen Dioszegi Not reported

16182 Jasper Sears Road Santa Nella CA Not reported 95322

Facility Mailing Address Mailing Address Not reported PO Box 7640 San Francisco CA Not reported 94120

Legal Owner Pacific Gas and Electric Company Not reported PO Box 7640 San Francisco

S121745120

A4

ENE

1/8-1/4

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

S121745120

Affiliation State:	CA
Affiliation Country:	United State
Affiliation Zip:	94120
Affiliation Phone:	(415) 973-70
Affiliation Type Desc:	Parent Corpo
Entity Name:	PG&E

Entity Title: Affiliation Address: Affiliation City: Affiliation State: Affiliation Country: Affiliation Zip: Affiliation Phone:

PG&E: TESLA SUBSTATION

17545 PATTERSON PASS RD

TRACY, CA 95377

es 000,

oration Not reported Not reported Not reported Not reported Not reported Not reported ,

CERS TANKS	S129011938
	N/A

0.129 mi.	TRACT, CA 95577	
682 ft.	Site 2 of 4 in cluster A	
Relative: Lower	CERS TANKS: Name:	PG&E: TESLA SUBSTATION
Actual:	Address:	17545 PATTERSON PASS RD
393 ft.	City,State,Zip:	TRACY, CA 95377
	Site ID:	143533
	CERS ID:	10148405
	CERS Description:	Aboveground Petroleum Storage
	Violations:	
	Site ID:	143533
	Site Name:	PG&E: Tesla Substation
	Violation Date:	06-09-2018
	Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
	Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
	Violation Notes:	Returned to compliance on 06/19/2018. OBSERVATION: The facility failed to maintain a signed copy of manifests from the designated facility for 3 years as indicated by the following observation Missing manifest 016321585JJK for the year 2016. CORRECTIVE ACTION: - Immediately locate the missing manifest Maintain manifest on site for 3 years Submit self-certify Return to Compliance (RTC) form to ACDEH within 30 days.
	Violation Division:	Alameda County Environmental Health
	Violation Program:	HW
	Violation Source:	CERS,
	Evaluation:	
	Eval General Type:	Compliance Evaluation Inspection
	Eval Date:	05-27-2015
	Violations Found:	No
	Eval Type:	Routine done by local agency
	Eval Notes:	Onsite to conduct a Hazardous Materials Business Plan (HMBP)

EDR ID Number Database(s) EPA ID Number

PG&E: TESLA SUBSTATION (Continued)

S129011938

Eval Division: Eval Program: Eval Source:	inspection with Environmental Field Specialist, Stephen Dioszegi. Facility's most recent HMBP submittal was on 12/8/2014. Facility is exempted from APSA (Transformer oil exemption / <5PPM PCB Oil). Alameda County Environmental Health HMRRP CERS,
Eval General Type: Eval Date: Violations Found: Eval Type: Eval Notes:	Compliance Evaluation Inspection 06-11-2018 No Routine done by local agency The purpose of the inspection was to determine PG&E: TESLA SUBSTATION compliance with applicable Health and Safety Code, Division 20, Chp. 6.95, and the California Code of Regulations (CCR), Title 22. Alameda County Dept. of Environmental Health (ACDEH) inspector arrived on-site at PG&E: TESLA SUBSTATION located at 17545 Patterson Pass Rd. Tracy, CA 95377 to conduct a routine inspection of Hazardous Materials Business Plan (HMBP), Hazardous Waste Generator (HWG), and Clean Water programs. ACDEH met with Mr. Stephen Dioszegi the facility's representative who granted consent and assisted ACDEH with this inspection. Facility/Site Description: - PG&E: Tesla Substation operates as a transmission substation with 500,000 kV main power The facility stores hazardous materials including, lead acid batteries, compressed gases (Nitrogen, Sulfur Hexafluoride, Acetylene, Carbon Dioxide, Oxygen, unleaded gasoline, diesel fuel, HV voil transformer oil, and insulating oil. [Truncated]
Eval Division: Eval Program: Eval Source:	Alameda County Environmental Health HMRRP CERS,
Eval General Type: Eval Date: Violations Found: Eval Type: Eval Notes:	Compliance Evaluation Inspection 11-02-2022 No Routine done by local agency ACDEH staff completed the hazardous waste inspection and reviewed hazardous waste disposal records and the facility operates as a hazardous waste consolidation yard storage. Hazardous waste includes; 7-55 gallon drums of waste transformer oil 15-55 gallon drums of waste dielectric oil 2-300 gallon totes of waste transformer oil No violations were noted during the inspection and no further action is required at this time.
Eval Division: Eval Program: Eval Source:	Alameda County Environmental Health HW CERS,
Eval General Type: Eval Date: Violations Found: Eval Type: Eval Notes:	Compliance Evaluation Inspection 05-27-2015 No Routine done by local agency Onsite to conduct a Hazardous Waste Generator (HWG) inspection with Environmental Field Specialist, Stephen Dioszegi. Facility's most recent HMBP submittal was on 12/8/2014. Facility is normally a Small Quantity Generator, but according to recent Hazardous Waste disposals, can periodically fall into Large Quantity Generator Category. Facility disposes waste within 90 days by PSC.
Eval Division: Eval Program:	Alameda County Environmental Health HW

Database(s)

EDR ID Number EPA ID Number

S129011938

Eval Source: CERS. Eval General Type: **Compliance Evaluation Inspection** Eval Date: 06-11-2018 Violations Found: Yes Eval Type: Routine done by local agency Eval Notes: The purpose of the inspection was to determine PG&E: TESLA SUBSTATION compliance with applicable Health and Safety Code, Division 20, Chp. 6.95, and the California Code of Regulations (CCR), Title 22. Alameda County Dept. of Environmental Health (ACDEH) inspector arrived on-site at PG&E: TESLA SUBSTATION located at 17545 Patterson Pass Rd. Tracy, CA 95377 to conduct a routine inspection of Hazardous Materials Business Plan (HMBP), Hazardous Waste Generator (HWG), and Clean Water programs. ACDEH met with Mr. Stephen Dioszegi the facility's representative who granted consent and assisted ACDEH with this inspection. Facility/Site Description: - PG&E: Tesla Substation operates as a transmission substation with 500,000 kV main power. -The facility is one of PG&E's consolidation site for remote sites including remote sites from Stockton, Stanislaus, and San Joaquin. The facility has a current Annual Consolidation Site Notification submitted in the California [Truncated] Eval Division: Alameda County Environmental Health Eval Program: HW Eval Source: CERS, Eval General Type: **Compliance Evaluation Inspection** Eval Date: 11-02-2022 Violations Found: No Eval Type: Routine done by local agency ACDEH staff arrived on site and met with facility representative, **Eval Notes:** Steve Dioszegi, who provided consent to complete the inspection. Facility information in CERS is accurate and employee training is completed and documented annually. Hazardous materials on site includes; No violations were noted during the inspection and no further action is required. Alameda County Environmental Health Eval Division: Eval Program: HMRRP Eval Source: CERS, Coordinates: Site ID: 143533 Facility Name: PG&E: Tesla Substation Env Int Type Code: HWG 10148405 Program ID: Coord Name: Not reported Ref Point Type Desc: Center of a facility or station., Latitude: 37.713150 Longitude: -121.548960 Affiliation: Affiliation Type Desc: **Document Preparer** Entity Name: Steve Dioszegi Entity Title: Not reported Affiliation Address: Not reported Affiliation Citv: Not reported Affiliation State: Not reported

PG&E: TESLA SUBSTATION (Continued)

Database(s)

EDR ID Number EPA ID Number

PG&E: TESLA SUBSTATION (Continued)

Affiliation Country: Not reported Not reported Affiliation Zip: Affiliation Phone: Affiliation Type Desc: **Identification Signer** Entity Name: Larry Jeffris Entity Title: Senior Manager Affiliation Address: Not reported Affiliation City: Not reported Affiliation State: Not reported Affiliation Country: Not reported Affiliation Zip: Not reported Affiliation Phone: Affiliation Type Desc: Operator Entity Name: Pacific Gas and Electric Company Entity Title: Not reported Affiliation Address: Not reported Affiliation City: Not reported Affiliation State: Not reported Affiliation Country: Not reported Affiliation Zip: Not reported Affiliation Phone: (209) 831-2241, Affiliation Type Desc: **CUPA** District Entity Name: Alameda County Env Health Entity Title: Not reported Affiliation Address: 1131 Harbor Parkway, Suite 240 Affiliation City: Alameda Affiliation State: CA Affiliation Country: Not reported Affiliation Zip: 94502-6577 Affiliation Phone: (510) 567-6700, Affiliation Type Desc: **Environmental Contact** Entity Name: Stephen Dioszegi Entity Title: Not reported 16182 Jasper Sears Road Affiliation Address: Affiliation City: Santa Nella Affiliation State: CA Affiliation Country: Not reported Affiliation Zip: 95322 Affiliation Phone: . Affiliation Type Desc: Facility Mailing Address Entity Name: Mailing Address Entity Title: Not reported Affiliation Address: PO Box 7640 Affiliation City: San Francisco Affiliation State: CA Affiliation Country: Not reported Affiliation Zip: 94120 Affiliation Phone: Affiliation Type Desc: Legal Owner Entity Name: Pacific Gas and Electric Company Entity Title: Not reported

S129011938

Database(s)

EDR ID Number EPA ID Number

Affiliation Address:	PO
Affiliation City:	Sar
Affiliation State:	CA
Affiliation Country:	Unit
Affiliation Zip:	941
Affiliation Phone:	(41

Affiliation Type Desc: Entity Name: Entity Title: Affiliation Address: Affiliation City: Affiliation State: Affiliation Country: Affiliation Zip: Affiliation Phone:

Property Owner City:

Property Owner Stat :

EPAID:

Property Owner Zip Code:

Property Owner Country:

PO Box 7640 San Francisco CA United States 94120 (415) 973-7000,

Parent Corporation PG&E Not reported Not reported Not reported Not reported Not reported ,

A5	PG&E: TESLA SUBSTATION
ENE	47545 DATTEDCON DACC DD

ENE 1/8-1/4 0.129 mi.	17545 PATTERSON PASS RD TRACY, CA 95377	
682 ft.	Site 3 of 4 in cluster A	
Relative:	AST:	
Lower	Name:	PG&E: TESLA SUBSTATION
Actual:	Address:	17545 PATTERSON PASS RD
393 ft.	City/Zip:	TRACY,95377
	Certified Unified Program Agencies	: Not reported
	Owner:	Pacific Gas and Electric Company
	Total Gallons:	Not reported
	CERSID:	10148405
	Facility ID:	Not reported
	Business Name:	PG&E
	Phone:	(209) 836-0180
	Fax:	(209) 827-7572
	Mailing Address:	PO Box 7640
	Mailing Address City:	San Francisco
	Mailing Address State:	CA
	Mailing Address Zip Code:	94120
	Operator Name:	Pacific Gas and Electric Company
	Operator Phone:	209-831-2241
	Owner Phone:	(415) 973-7000
	Owner Mail Address:	c/o Environmental Services, 3401 Crow Canyon Road
	Owner State:	CA
	Owner Zip Code:	94583
	Owner Country:	United States
	Property Owner Name:	Not reported
	Property Owner Phone:	Not reported
	Property Owner Mailing Address:	Not reported

Not reported

Not reported

Not reported Not reported CAD980886022 AST A100423412 N/A

S129011938

TC7303734.2s Page 22

Database(s)

EDR ID Number EPA ID Number

A6 ENE 1/8-1/4 0.129 mi.	PG&E TESLA SUBSTATION 17545 PATTERSON PASS ROAD TRACY, CA 95376	RCRA-LQG	1027530520 CAR000348615
682 ft.	Site 4 of 4 in cluster A		
ENE 1/8-1/4	17545 PATTERSON PASS ROAD TRACY, CA 95376 Site 4 of 4 in cluster A RCRA Listings: Date Form Received by Agency: Handler Name: Handler City,State,Zip: EPA ID: Contact Name: Contact Name: Contact City,State,Zip: Contact Telephone: Contact Telephone: Contact Fax: Contact Fax: Contact Trite: EPA Region: Land Type: Federal Waste Generator Description: Non-Notifier: Biennial Report Cycle: Accessibility: Active Site Indicator: State District Owner: State District: Mailing City,State,Zip: Owner Name: Operator Type: Short-Term Generator Activity: Importer Activity: Transfer Facility Activity: Recycler Activity with Storage: Small Quantity On-Site Burner Exemption: Smelting Melting and Refining Furnace Exemption: Underground Injection Control: Off-Site Waste Destination Facility: Federal Juniversal Waste: Active Site State-Reg Handler: Federal Encility Indicator: Universal Waste Indicator: Sub-Part K Indicator: 2018 GPRA Permit Baseline: 2018 GPRA Permite Baseline:	20221221 Pg&E Tesla Substation 17545 PATTERSON PASS ROAD TRACY, CA 95376 CAR000348615 VERONICA SHANNON PO BOX 7640 SAN FRANCISCO, CA 94120 925-471-1104 Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported PO BOX 7640 SAN FRANCISCO, CA 94120 Pacific Gas And Electric Company Other Pacific Gas And Electric Company Other No No No No No No No No No No No No No	
	202 GPRA Corrective Action Baseline:	No	
	Subject to Corrective Action Universe:	No	
	Non-TSDFs Where RCRA CA has Been Imposed Universe:	No	
	Corrective Action Priority Ranking:	No NCAPS ranking	
	Environmental Control Indicator:	No	
	Institutional Control Indicator:	No	

Database(s)

EDR ID Number EPA ID Number

PG&E TESLA SUBSTATION (Continued)

Human Exposure Controls Indicator Groundwater Controls Indicator: Significant Non-Complier Universe: Unaddressed Significant Non-Comple Significant Non-Complier With a Co Financial Assurance Required: Handler Date of Last Change: Recognized Trader-Importer: Recognized Trader-Exporter: Importer of Spent Lead Acid Batteri Exporter of Spent Lead Acid Batteri Recycler Activity Without Storage: Manifest Broker: Sub-Part P Indicator:	olier Universe: r Universe: mpliance Schedule es:	e Universe:	N/A N/A No No No No No No No No No No No No No
Hazardous Waste Summary:			
Waste Code: Waste Description:	D006 CADMIUM		
Waste Description.	OADIMION		
Waste Code: Waste Description:	D008 LEAD		
	LLAD		
Handler - Owner Operator: Owner/Operator Indicator: Owner/Operator Name: PACIFIC G Legal Status: Date Became Current: Date Ended Current: Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone: Owner/Operator Telephone Ext: Owner/Operator Fax: Owner/Operator Email:	AS AND ELECTR	Other 19051010 Not reporte 77 BEALE	nd STREET ICISCO, CA 94105 104 ed ed
Owner/Operator Indicator:		Operator	IV.
Owner/Operator Name: PACIFIC G Legal Status:	AS AND ELECTR	Other	ΙY
Date Became Current: Date Ended Current:		19051010 Not reporte	hd
Owner/Operator Address:		77 BEALE	
Owner/Operator City,State,Zip:			ICISCO, CA 94105
Owner/Operator Telephone: Owner/Operator Telephone Ext:		925-471-11 Not reporte	
Owner/Operator Fax:		Not reporte	ed
Owner/Operator Email:		V2SM@PG	GE.COM
Federal Waste Generator Description	LA SUBSTATION	-	ntity Generator
State District Owner: Large Quantity Handler of Universa	l Waste:	Not reporte No	D
Recognized Trader Importer:		No	

1027530520

Database(s)

EDR ID Number EPA ID Number

1027530520

PG&E TESLA SUBSTATION (Continue	ed)
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
List of NAICS Codes and Descriptions	:
NAICS Code:	221121
NAICS Description:	ELECTRIC BULK POWER TRANSMISSION AND CONTROL
NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION
Facility Has Received Notices of Viola	tions:
Violations:	No Violations Found
Evaluation Action Summary:	
Evaluations:	No Evaluations Found

Count: 4 records.

ORPHAN SUMMARY

City EDR ID	Site Name	Site Address	Zip	Database(s)
		PATTERSON PASS ROAD 14680 PATTERSON PASS RD 25775 PATTERSON ROAD PATTERSON PASS RD, 1 MI W OF H	95377 95377	NPDES RCRA NonGen / NLR HMIRS CDL

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

Lists of Federal NPL (Superfund) sites

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: 01/25/2023 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 25 Source: EPA Telephone: N/A Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC) Telephone: 202-564-7333

EPA Region 1 Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665 EPA Region 6 Telephone: 214-655-6659

EPA Region 7 Telephone: 913-551-7247

EPA Region 8 Telephone: 303-312-6774

EPA Region 9 Telephone: 415-947-4246

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: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 07/10/2023 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

Lists of Federal Delisted NPL sites

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: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 12/20/2022 Date Data Arrived at EDR: 12/21/2022 Date Made Active in Reports: 03/10/2023 Number of Days to Update: 79 Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 03/28/2023 Next Scheduled EDR Contact: 07/10/2023 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: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (415) 495-8895 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (415) 495-8895 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 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: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (415) 495-8895 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (415) 495-8895 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 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: 11/02/2022 Date Data Arrived at EDR: 11/08/2022 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 63 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 05/22/2023 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: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 10/27/2022 Date Data Arrived at EDR: 11/16/2022 Date Made Active in Reports: 02/09/2023 Number of Days to Update: 85 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 02/21/2023 Next Scheduled EDR Contact: 06/05/2023 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: 12/12/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 12/19/2022 Number of Days to Update: 5 Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 03/21/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 10/24/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/24/2022	Telephone: 916-323-3400
Date Made Active in Reports: 01/12/2023	Last EDR Contact: 01/24/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 10/24/2022 Date Data Arrived at EDR: 10/24/2022 Date Made Active in Reports: 01/12/2023 Number of Days to Update: 80 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 01/24/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

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 i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/03/2022 Date Data Arrived at EDR: 11/03/2022 Date Made Active in Reports: 01/25/2023 Number of Days to Update: 83 Source: Department of Resources Recycling and Recovery Telephone: 916-341-6320 Last EDR Contact: 02/07/2023 Next Scheduled EDR Contact: 05/22/2023 Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 4: Underground Storage Tank Leak List

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

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

LUST REG 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	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

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

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

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 Source: California Regional Water Quality Control Board North Coast (1) Date Data Arrived at EDR: 02/28/2001 Telephone: 707-570-3769 Last EDR Contact: 08/01/2011 Date Made Active in Reports: 03/29/2001 Number of Days to Update: 29 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned LUST REG 6V: Leaking Underground Storage Tank Case Listing Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties. Date of Government Version: 06/07/2005 Source: California Regional Water Quality Control Board Victorville Branch Office (6) Date Data Arrived at EDR: 06/07/2005 Telephone: 760-241-7365 Date Made Active in Reports: 06/29/2005 Last EDR Contact: 09/12/2011 Number of Days to Update: 22 Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned LUST: 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: 03/06/2023 Source: State Water Resources Control Board Date Data Arrived at EDR: 03/07/2023 Telephone: see region list Date Made Active in Reports: 03/30/2023 Last EDR Contact: 03/07/2023 Number of Days to Update: 23 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Quarterly LUST REG 6L: Leaking Underground Storage Tank Case Listing For more current information, please refer to the State Water Resources Control Board's LUST database. Date of Government Version: 09/09/2003 Source: California Regional Water Quality Control Board Lahontan Region (6) Date Data Arrived at EDR: 09/10/2003 Telephone: 530-542-5572 Date Made Active in Reports: 10/07/2003 Last EDR Contact: 09/12/2011 Number of Days to Update: 27 Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned LUST REG 9: Leaking Underground Storage Tank Report Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database. Date of Government Version: 03/01/2001 Source: California Regional Water Quality Control Board San Diego Region (9) Date Data Arrived at EDR: 04/23/2001 Telephone: 858-637-5595 Date Made Active in Reports: 05/21/2001 Last EDR Contact: 09/26/2011 Next Scheduled EDR Contact: 01/09/2012 Number of Days to Update: 28 Data Release Frequency: No Update Planned

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

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-6597
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 11/26/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R7: Leaking Underground Storage T LUSTs on Indian land in Iowa, Kansas, and Ne	
Date of Government Version: 10/14/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R8: Leaking Underground Storage T LUSTs on Indian land in Colorado, Montana, N	anks on Indian Land North Dakota, South Dakota, Utah and Wyoming.
Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R9: Leaking Underground Storage T LUSTs on Indian land in Arizona, California, N	
Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R5: Leaking Underground Storage T Leaking underground storage tanks located or	anks on Indian Land h Indian Land in Michigan, Minnesota and Wisconsin.
Date of Government Version: 10/14/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R1: Leaking Underground Storage T A listing of leaking underground storage tank lo	
Date of Government Version: 10/19/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.	
Date of Government Version: 04/20/2022 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/16/2022 Number of Days to Update: 64	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

CPS-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.

	act, water quality in callornia, with emphasis on groundwater.	
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies	
SLIC REG 1: Active Toxic Site Investigations The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	leanup) program is designed to protect and restore water quality	
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 & Cleanu The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	p Cost Recovery Listing leanup) program is designed to protect and restore water quality	
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: No Update Planned	
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: No Update Planned	
SLIC REG 4: Spills, Leaks, Investigation & Cleanu The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	p Cost Recovery Listing leanup) program is designed to protect and restore water quality	
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: No Update Planned	
SLIC REG 5: Spills, Leaks, Investigation & Cleanu The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	p Cost Recovery Listing leanup) program is designed to protect and restore water quality	
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: No Update Planned	

SLIC REG 6V: Spills, Leaks, Investigation & Clear The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	nup Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
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: No Update Planned
SLIC REG 6L: SLIC Sites The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	Cleanup) program is designed to protect and restore water quality
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 C from spills, leaks, and similar discharges.	Cleanup) program is designed to protect and restore water quality
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 & Clean The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	up Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
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: No Update Planned
SLIC REG 9: Spills, Leaks, Investigation & Cleanu The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	up Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
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: No Update Planned
Lists of state and tribal registered storage tank	3
FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground sto	rage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 03/29/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOT Military ust sites	RACKER)
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies
Director have been posted for a 60-day publi by the State Water Resources Control Board decisional framework in State Water Board R for consideration by the Executive Director p	nd Storage Tank (UST) Cases sure by either the State Water Resources Control Board or the Executive c comment period. UST Case Closures being proposed for consideration . These are primarily UST cases that meet closure criteria under the Resolution No. 92-49 and other Board orders. UST Case Closures proposed ursuant to State Water Board Resolution No. 2012-0061. These are t UST Case Closure Policy. UST Case Closure Review Denials and Approved
Date of Government Version: 11/28/2022 Date Data Arrived at EDR: 12/02/2022 Date Made Active in Reports: 02/23/2023 Number of Days to Update: 83	Source: State Water Resources Control Board Telephone: 916-327-7844 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies
UST: Active UST Facilities Active UST facilities gathered from the local	regulatory agencies
Date of Government Version: 12/02/2022 Date Data Arrived at EDR: 12/02/2022 Date Made Active in Reports: 02/22/2023 Number of Days to Update: 82	Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Semi-Annually
AST: Aboveground Petroleum Storage Tank Facil A listing of aboveground storage tank petrole	
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: 03/09/2023 Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: Varies
	Indian Land) database provides information about underground storage tanks on Indian Oklahoma, New Mexico, Texas and 65 Tribes).
Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
INDIAN UST R5: Underground Storage Tanks on The Indian Underground Storage Tank (UST land in EPA Region 5 (Michigan, Minnesota a) database provides information about underground storage tanks on Indian
Date of Government Version: 10/14/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87	Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87 Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 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: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023 Number of Days to Update: 87 Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 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: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

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 Source: EPA, Region 7 Date Data Arrived at EDR: 04/22/2008 Telephone: 913-551-7365 Date Made Active in Reports: 05/19/2008 Last EDR Contact: 07/08/2021 Number of Days to Update: 27 Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies VCP: Voluntary Cleanup Program Properties Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs. Date of Government Version: 10/24/2022 Source: Department of Toxic Substances Control Date Data Arrived at EDR: 10/24/2022 Telephone: 916-323-3400 Date Made Active in Reports: 01/12/2023 Last EDR Contact: 01/24/2023 Number of Days to Update: 80 Next Scheduled EDR Contact: 05/08/2023 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 Source: EPA, Region 1 Date Data Arrived at EDR: 09/29/2015 Telephone: 617-918-1102 Last EDR Contact: 03/17/2023 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 142 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Varies Lists of state and tribal brownfield 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: 12/14/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 03/07/2023 Number of Days to Update: 83 Source: State Water Resources Control Board Telephone: 916-323-7905 Last EDR Contact: 03/21/2023 Next Scheduled EDR Contact: 07/03/2023 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: 02/23/2022 Date Data Arrived at EDR: 03/10/2022 Date Made Active in Reports: 03/10/2022 Number of Days to Update: 0 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 04/04/2023 Next Scheduled EDR Contact: 06/26/2023 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: 01/20/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: No Update Planned
SWRCY: Recycler Database A listing of recycling facilities in California.	
Date of Government Version: 12/02/2022 Date Data Arrived at EDR: 12/02/2022 Date Made Active in Reports: 02/22/2023 Number of Days to Update: 82	Source: Department of Conservation Telephone: 916-323-3836 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Quarterly
HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.	
Date of Government Version: 11/16/2022 Date Data Arrived at EDR: 11/22/2022 Date Made Active in Reports: 02/13/2023 Number of Days to Update: 83	Source: Integrated Waste Management Board Telephone: 916-341-6422 Last EDR Contact: 02/15/2023 Next Scheduled EDR Contact: 05/22/2023 Data Release Frequency: Varies
INDIAN ODI: Report on the Status of Open Dumps Location of open dumps on Indian land.	on Indian Lands
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: 01/20/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies
DEBRIS REGION 9: Torres Martinez Reservation I A listing of illegal dump sites location on the T County and northern Imperial County, Californ	orres Martinez Indian Reservation located in eastern Riverside
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: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: No Update Planned
ODI: Open Dump Inventory An open dump is defined as a disposal facility Subtitle D Criteria.	that does not comply with one or more of the Part 257 or Part 258
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 Source: Department of Health & Human Serivces, Indian Health Service Date Data Arrived at EDR: 08/06/2014 Telephone: 301-443-1452 Date Made Active in Reports: 01/29/2015 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/08/2023 Number of Days to Update: 176 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: 01/06/2023 Source: Drug Enforcement Administration Date Data Arrived at EDR: 02/02/2023 Telephone: 202-307-1000 Last EDR Contact: 02/02/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 8 Next Scheduled EDR Contact: 06/05/2023 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 Source: Department of Toxic Substance Control Date Data Arrived at EDR: 08/03/2006 Telephone: 916-323-3400 Date Made Active in Reports: 08/24/2006 Last EDR Contact: 02/23/2009 Number of Days to Update: 21 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: 10/24/2022 Source: Department of Toxic Substances Control Date Data Arrived at EDR: 10/24/2022 Telephone: 916-323-3400 Last EDR Contact: 01/24/2023 Date Made Active in Reports: 01/12/2023 Number of Days to Update: 80 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Quarterly CDL: Clandestine Drug Labs A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work. Date of Government Version: 12/31/2020 Source: Department of Toxic Substances Control Date Data Arrived at EDR: 11/30/2022 Telephone: 916-255-6504 Date Made Active in Reports: 02/09/2023 Last EDR Contact: 03/22/2023 Number of Days to Update: 71 Next Scheduled EDR Contact: 05/15/2023 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.SourceDate of Government Version: 07/01/1995SourceDate Data Arrived at EDR: 08/30/1995TelepDate Made Active in Reports: 09/26/1995LastNumber of Days to Update: 27Next

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

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 01/05/2023	Source: CalEPA
Date Data Arrived at EDR: 01/06/2023	Telephone: 916-323-2514
Date Made Active in Reports: 01/11/2023	Last EDR Contact: 01/06/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

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: 01/06/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 8 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 06/05/2023 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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing Aboveground storage tank sites

Date of Government Version: 11/03/2022	
Date Data Arrived at EDR: 11/07/2022	
Date Made Active in Reports: 01/24/2023	
Number of Days to Update: 78	

Source: San Francisco County Department of Public Health Telephone: 415-252-3896 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 01/06/2023 Date Data Arrived at EDR: 01/06/2023 Date Made Active in Reports: 01/11/2023 Number of Days to Update: 5

Source: California Environmental Protection Agency Telephone: 916-323-2514 Last EDR Contact: 10/17/2022 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Quarterly

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: 02/23/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/24/2023	Telephone: 916-323-3400
Date Made Active in Reports: 03/23/2023	Last EDR Contact: 02/23/2023
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/12/2023
	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: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 26

Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 07/10/2023 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: 11/28/2022 Date Data Arrived at EDR: 11/29/2022 Date Made Active in Reports: 02/13/2023 Number of Days to Update: 76

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 02/28/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reportin Hazardous Materials Incident Report System	ng System . HMIRS contains hazardous material spill incidents reported to DOT.
Date of Government Version: 12/13/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 03/10/2023 Number of Days to Update: 86	Source: U.S. Department of Transportation Telephone: 202-366-4555 Last EDR Contact: 03/21/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly
CHMIRS: California Hazardous Material Incident F California Hazardous Material Incident Repor incidents (accidental releases or spills).	Report System ting System. CHMIRS contains information on reported hazardous material
Date of Government Version: 08/02/2022 Date Data Arrived at EDR: 10/17/2022 Date Made Active in Reports: 01/04/2023 Number of Days to Update: 79	Source: Office of Emergency Services Telephone: 916-845-8400 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Semi-Annually
) oTracker. GeoTracker is the Water Boards data management system mpact, water quality in California, with emphasis on groundwater.
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/30/2023 Number of Days to Update: 23	Source: State Water Qualilty Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Quarterly
known as DoD non UST]) included in GeoTra	ER) s; Military Privatized sites; and Military Cleanup sites [formerly acker. GeoTracker is the Water Boards data management system for sites vater quality in California, with emphasis on groundwater.
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Quarterly
	ords available exclusively from FirstSearch databases. Typically, ous substance spills recorded after 1990. Duplicate records that are 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	Source: FirstSearch Telephone: N/A Last EDR Contact: 01/03/2013

Other Ascertainable Records

Number of Days to Update: 50

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.

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11 Source: Environmental Protection Agency Telephone: (415) 495-8895 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 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: 11/01/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 91

Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 02/14/2023 Next Scheduled EDR Contact: 05/29/2023 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: 06/07/2021 Date Data Arrived at EDR: 07/13/2021 Date Made Active in Reports: 03/09/2022 Number of Days to Update: 239 Source: USGS Telephone: 888-275-8747 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Varies

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: 04/02/2018 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019 Number of Days to Update: 574 Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 07/17/2023 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: 07/30/2021 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 7 Source: Environmental Protection Agency Telephone: 615-532-8599 Last EDR Contact: 02/02/2023 Next Scheduled EDR Contact: 05/22/2023 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: 12/13/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 03/10/2023 Number of Days to Update: 86 Source: Environmental Protection Agency Telephone: 202-566-1917 Last EDR Contact: 03/21/2023 Next Scheduled EDR Contact: 07/03/2023 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 01/30/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/15/2023
	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: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018 Number of Days to Update: 73

Source: Environmental Protection Agency Telephone: 703-308-4044 Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 05/15/2023 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: 12/31/2020 Date Data Arrived at EDR: 06/14/2022 Date Made Active in Reports: 03/24/2023 Number of Days to Update: 283

Source: EPA Telephone: 202-260-5521 Last EDR Contact: 03/13/2023 Next Scheduled EDR Contact: 06/26/2023 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: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-566-0250
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/16/2023
Number of Days to Update: 100	Next Scheduled EDR Contact: 05/29/2023
	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: 10/17/2022	Source: EPA
Date Data Arrived at EDR: 10/18/2022	Telephone: 202-564-4203
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/18/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/01/2023
	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: 01/25/2023	Sour
Date Data Arrived at EDR: 02/02/2023	Telep
Date Made Active in Reports: 02/28/2023	Last
Number of Days to Update: 26	Next

rce: EPA phone: 703-416-0223 EDR Contact: 04/03/2023 Scheduled EDR Contact: 06/12/2023 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: 04/27/2022 Date Data Arrived at EDR: 05/04/2022 Date Made Active in Reports: 05/10/2022 Number of Days to Update: 6

Source: Environmental Protection Agency Telephone: 202-564-8600 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 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: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 04/03/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2023
	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: 11/03/2022	Source: EPA
Date Data Arrived at EDR: 01/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 04/04/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/29/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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: 10/26/2022 Date Data Arrived at EDR: 11/22/2022 Date Made Active in Reports: 12/05/2022 Number of Days to Update: 13 Source: Nuclear Regulatory Commission Telephone: 301-415-7169 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 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: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 03/03/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/12/2023
	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: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 02/27/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/12/2023
	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: 09/13/2019 Date Data Arrived at EDR: 11/06/2019 Date Made Active in Reports: 02/10/2020 Number of Days to Update: 96 Source: Environmental Protection Agency Telephone: 202-566-0517 Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 05/15/2023 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: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019 Number of Days to Update: 84 Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 03/23/2023 Next Scheduled EDR Contact: 07/10/2023 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: 10/19/2006SourceDate Data Arrived at EDR: 03/01/2007TelepDate Made Active in Reports: 04/10/2007Last ENumber of Days to Update: 40Next S

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: 01/02/2020SoDate Data Arrived at EDR: 01/28/2020TeDate Made Active in Reports: 04/17/2020LaNumber of Days to Update: 80No

Source: Department of Transporation, Office of Pipeline Safety Telephone: 202-366-4595 Last EDR Contact: 01/24/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2022 Date Data Arrived at EDR: 01/12/2023 Date Made Active in Reports: 04/07/2023 Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 07/17/2023 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: 12/31/2021 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023 Number of Days to Update: 11

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 07/03/2023 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: 04/06/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021 Date Data Arrived at EDR: 07/27/2021 Date Made Active in Reports: 10/22/2021 Number of Days to Update: 87

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 01/30/2023 Next Scheduled EDR Contact: 05/15/2023 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: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/13/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency Telephone: 703-603-8787 Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 07/10/2023 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

Next Scheduled EDR Contact: 06/05/2023

Data Release Frequency: Semi-Annually

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 A	IRS 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
USN	INES: Mines Master Index File Contains all mine identification numbers issued violation information.	for mines active or opened since 1971. The data also includes
	Date of Government Version: 11/07/2022 Date Data Arrived at EDR: 11/17/2022 Date Made Active in Reports: 02/10/2023	Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 02/22/2023

MINES VIOLATIONS: MSHA Violation Assessment Data

Number of Days to Update: 85

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/27/2023	Source: DOL, Mine Safety & Health Admi
Date Data Arrived at EDR: 03/01/2023	Telephone: 202-693-9424
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 04/04/2023
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/12/2023
Number of Days to Update: 23	Data Release Frequency: Quarterly

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: 05/06/2020	Source: USGS
Date Data Arrived at EDR: 05/27/2020	Telephone: 703-648-7709
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 02/24/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 06/05/2023 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: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 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: 12/20/2022 Date Data Arrived at EDR: 12/20/2022 Date Made Active in Reports: 03/10/2023 Number of Days to Update: 80 Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/16/2023 Next Scheduled EDR Contact: 06/19/2023 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: 02/02/2023 Date Data Arrived at EDR: 02/28/2023 Date Made Active in Reports: 03/24/2023 Number of Days to Update: 24 Source: EPA Telephone: (415) 947-8000 Last EDR Contact: 02/28/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/01/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2023	Telephone: 202-564-2280
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/31/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021 Date Data Arrived at EDR: 10/20/2022 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 82 Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/06/2023 Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021 Date Data Arrived at EDR: 05/21/2021 Date Made Active in Reports: 08/11/2021 Number of Days to Update: 82

Source: Environmental Protection Agency Telephone: 202-564-0527 Last EDR Contact: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 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: 11/10/2022 Date Data Arrived at EDR: 11/10/2022 Date Made Active in Reports: 02/09/2023 Number of Days to Update: 91

Source: EPA Telephone: 800-385-6164 Last EDR Contact: 02/14/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022 Date Data Arrived at EDR: 07/08/2022 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 123

Source: Environmental Protection Agency Telephone: 703-603-8895 Last EDR Contact: 04/04/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 04/07/2023 Number of Days to Update: 8

Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020 Date Data Arrived at EDR: 03/17/2021 Date Made Active in Reports: 11/08/2022 Number of Days to Update: 601 Source: Department of Health & Human Services Telephone: 202-741-5770 Last EDR Contact: 01/23/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 04/03/2023 Number of Days to Update: 4 Source: Environmental Protection Agency Telephone: 202-272-0167 Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 01/02/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/02/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 866-480-1028
Date Made Active in Reports: 02/23/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/06/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/06/2022	Telephone: 916-341-5455
Date Made Active in Reports: 10/26/2022	Last EDR Contact: 03/07/2023
Number of Days to Update: 50	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).		
Date of Government Version: 12/14/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 03/07/2023 Number of Days to Update: 83	Source: CAL EPA/Office of Emergency Information Telephone: 916-323-3400 Last EDR Contact: 03/21/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly	
CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing list of facilities associated with the various CUPA programs in Livermore-Pleasanton		
Date of Government Version: 12/07/2021 Date Data Arrived at EDR: 05/09/2022 Date Made Active in Reports: 05/17/2022 Number of Days to Update: 8	Source: Livermore-Pleasanton Fire Department Telephone: 925-454-2361 Last EDR Contact: 02/10/2023 Next Scheduled EDR Contact: 05/22/2023 Data Release Frequency: Varies	
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: 08/27/2021 Date Data Arrived at EDR: 09/01/2021 Date Made Active in Reports: 11/19/2021 Number of Days to Update: 79	Source: Department of Toxic Substance Control Telephone: 916-327-4498 Last EDR Contact: 01/24/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Annually	
DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing A listing of dry cleaners in the Antelope Valley Air Quality Management District.		
Date of Government Version: 11/14/2022 Date Data Arrived at EDR: 11/14/2022 Date Made Active in Reports: 02/01/2023 Number of Days to Update: 79	Source: Antelope Valley Air Quality Management District Telephone: 661-723-8070 Last EDR Contact: 02/23/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Varies	
DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing A listing of dry cleaners in the South Coast Air Quality Management District		
Date of Government Version: 11/17/2022 Date Data Arrived at EDR: 11/30/2022 Date Made Active in Reports: 02/14/2023 Number of Days to Update: 76	Source: South Coast Air Quality Management District Telephone: 909-396-3211 Last EDR Contact: 02/15/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies	
EMI: Emissions Inventory Data Toxics and criteria pollutant emissions data col	llected by the ARB and local air pollution agencies.	
Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 06/13/2022 Date Made Active in Reports: 08/30/2022 Number of Days to Update: 78	Source: California Air Resources Board Telephone: 916-322-2990 Last EDR Contact: 03/16/2023 Next Scheduled EDR Contact: 06/26/2023 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: 01/10/2023 Date Data Arrived at EDR: 01/18/2023 Date Made Active in Reports: 04/04/2023 Number of Days to Update: 76 Source: State Water Resoruces Control Board Telephone: 916-445-9379 Last EDR Contact: 01/18/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing Financial Assurance information

Date of Government Version: 01/11/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/17/2023	Telephone: 916-255-3628
Date Made Active in Reports: 04/04/2023	Last EDR Contact: 01/13/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/01/2023
	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: 11/08/2022	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 11/23/2022	Telephone: 916-341-6066
Date Made Active in Reports: 02/13/2023	Last EDR Contact: 02/03/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Varies

ICE: ICE

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

Date of Government Version: 11/10/2022	So
Date Data Arrived at EDR: 11/10/2022	Tel
Date Made Active in Reports: 02/01/2023	Las
Number of Days to Update: 83	Ne
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Source: Department of Toxic Subsances Control Telephone: 877-786-9427 Last EDR Contact: 02/14/2023 Next Scheduled EDR Contact: 05/29/2023 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: 11/10/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/10/2022	Telephone: 916-323-3400
Date Made Active in Reports: 02/01/2023	Last EDR Contact: 02/14/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/29/2023
	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: 01/03/2023 Date Data Arrived at EDR: 01/04/2023 Date Made Active in Reports: 03/21/2023 Number of Days to Update: 76 Source: Department of Toxic Substances Control Telephone: 916-440-7145 Last EDR Contact: 04/04/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Quarterly

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: 12/31/2021	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2022	Telephone: 916-255-1136
Date Made Active in Reports: 09/19/2022	Last EDR Contact: 04/06/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/02/2022	Source: Department of Conservation
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-322-1080
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/19/2023
	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: 10/31/2022	Source: Department of Public Health
Date Data Arrived at EDR: 11/29/2022	Telephone: 916-558-1784
Date Made Active in Reports: 02/14/2023	Last EDR Contact: 02/28/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/03/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/03/2022	Telephone: 916-445-9379
Date Made Active in Reports: 01/25/2023	Last EDR Contact: 02/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/22/2023
	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: 11/28/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 77

Source: Department of Pesticide Regulation Telephone: 916-445-4038 Last EDR Contact: 02/28/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.	
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: Department of Conservation Telephone: 916-323-3836 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 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 Regional Water Quality Control Board. This database is no longer updated by the reporting agency.	
Date of Government Version: 12/07/2022 Date Data Arrived at EDR: 12/07/2022 Date Made Active in Reports: 03/01/2023 Number of Days to Update: 84	Source: State Water Resources Control Board Telephone: 916-445-3846 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: No Update Planned
SAN JOSE HAZMAT: Hazardous Material Facilities Hazardous material facilities, including underg	
Date of Government Version: 11/03/2020 Date Data Arrived at EDR: 11/05/2020 Date Made Active in Reports: 01/26/2021 Number of Days to Update: 82	Source: City of San Jose Fire Department Telephone: 408-535-7694 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Annually
UIC: UIC Listing A listing of wells identified as underground inje	ection wells, in the California Oil and Gas Wells database.
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: Deaprtment of Conservation Telephone: 916-445-2408 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies
UIC GEO: Underground Injection Control Sites (GE Underground control injection sites	EOTRACKER)
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resource Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies
pits that are operating without proper permits.	ave been dumping chemical-laden wastewater into hundreds of unlined Inspections completed by the Central Valley Regional Water Quality ously unidentified waste sites. The water boards review found that osal pits are operating without permission.
Date of Government Version: 02/11/2021 Date Data Arrived at EDR: 07/01/2021 Date Made Active in Reports: 09/29/2021	Source: RWQCB, Central Valley Region Telephone: 559-445-5577 Last EDR Contact: 04/06/2023 Next Scheduled EDR Contact: 07/17/2023

Next Scheduled EDR Contact: 07/17/2023

Data Release Frequency: Varies

WDS: Waste Discharge System

Number of Days to Update: 90

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: 02/13/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: No Update Planned
,	WIP: Well Investigation Program Case List Well Investigation Program case in the San Ga	abriel 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: 03/16/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: No Update Planned
l	MILITARY PRIV SITES: Military Privatized Sites (G Military privatized sites	EOTRACKER)
	Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies
	PROJECT: Project Sites (GEOTRACKER) Projects sites	
	Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies
,	15 (Non 15) Program") regulates point dischar not subject to the Federal Water Pollution Con of discharges (e.g., sewage, wastewater, etc.)	s (WDRs) Program (sometimes also referred to as the "Non Chapter ges that are exempt pursuant to Subsection 20090 of Title 27 and trol Act. Exemptions from Title 27 may be granted for nine categories that meet, and continue to meet, the preconditions listed for IRs Program also includes the discharge of wastes classified as inert,
	Date of Government Version: 12/02/2022 Date Data Arrived at EDR: 12/02/2022 Date Made Active in Reports: 02/23/2023	Source: State Water Resources Control Board Telephone: 916-341-5810 Last EDR Contact: 03/07/2023

CIWQS: California Integrated Water Quality System

Number of Days to Update: 83

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/28/2022 Date Data Arrived at EDR: 11/29/2022 Date Made Active in Reports: 02/13/2023 Number of Days to Update: 76 Source: State Water Resources Control Board Telephone: 866-794-4977 Last EDR Contact: 02/28/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Varies

Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Quarterly

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/05/2023 Date Data Arrived at EDR: 01/06/2023 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 4	Source: California Environmental Protection Agency Telephone: 916-323-2514 Last EDR Contact: 01/06/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies	
NON-CASE INFO: Non-Case Information Sites (GEOTRACKER) Non-Case Information sites		
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies	
OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER) Other Oil & Gas Projects sites		
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies	
PROD WATER PONDS: Produced Water Ponds S Produced water ponds sites	Sites (GEOTRACKER)	
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies	
SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER) Sampling point - public sites		
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies	
WELL STIM PROJ: Well Stimulation Project (GEOTRACKER) Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored		
Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/31/2023 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Varies	
PFAS TRIS: List of PFAS Added to the TRI		

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/24/2023 Number of Days to Update: 17	Source: Environmental Protection Agency Telephone: 202-566-0250 Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Varies	
MINES MRDS: Mineral Resources Data System Mineral Resources Data System		
Date of Government Version: 08/23/2022 Date Data Arrived at EDR: 11/22/2022 Date Made Active in Reports: 02/28/2023 Number of Days to Update: 98	Source: USGS Telephone: 703-648-6533 Last EDR Contact: 02/24/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies	
	ng System that stores ID number information since the early 1980s and both manifest copies from the generator and destination facility.	
Date of Government Version: 04/05/2022 Date Data Arrived at EDR: 04/05/2022 Date Made Active in Reports: 04/26/2022 Number of Days to Update: 21	Source: Department of Toxic Substances Control Telephone: 916-324-2444 Last EDR Contact: 04/03/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Varies	
PCS ENF: Enforcement data No description is available for this data		
Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/06/2015 Number of Days to Update: 29	Source: EPA Telephone: 202-564-2497 Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Varies	
	ion system that contains data on National Pollutant Discharge Elimination S tracks the permit, compliance, and enforcement status of NPDES	
Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/29/2011 Number of Days to Update: 55	Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Semi-Annually	
PCS INACTIVE: Listing of Inactive PCS Permits An inactive permit is a facility that has shut down or is no longer discharging.		
Date of Government Version: 11/05/2014 Date Data Arrived at EDR: 01/06/2015 Date Made Active in Reports: 05/06/2015 Number of Days to Update: 120	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Semi-Annually	
EDR HIGH RISK HISTORICAL RECORDS		
EDR Exclusive Records		

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical 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 Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: 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: 01/09/2019 Date Data Arrived at EDR: 01/11/2019 Date Made Active in Reports: 03/05/2019 Number of Days to Update: 53 Source: Alameda County Environmental Health Services Telephone: 510-567-6700 Last EDR Contact: 03/29/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 12/28/2022	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 12/28/2022	Telephone: 510-567-6700
Date Made Active in Reports: 03/17/2023	Last EDR Contact: 03/29/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List Cupa Facility List

> Date of Government Version: 07/22/2022 Date Data Arrived at EDR: 07/27/2022 Date Made Active in Reports: 08/01/2022 Number of Days to Update: 5

Source: Amador County Environmental Health Telephone: 209-223-6439 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: 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: 03/29/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 12/13/2022 Date Data Arrived at EDR: 12/15/2022 Date Made Active in Reports: 12/21/2022 Number of Days to Update: 6 Source: Calveras County Environmental Health Telephone: 209-754-6399 Last EDR Contact: 03/16/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020 Date Data Arrived at EDR: 04/23/2020 Date Made Active in Reports: 07/10/2020 Number of Days to Update: 78 Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/20/2022 Date Data Arrived at EDR: 10/21/2022 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 81 Source: Contra Costa Health Services Department Telephone: 925-646-2286 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

> Date of Government Version: 05/04/2022 Date Data Arrived at EDR: 05/06/2022 Date Made Active in Reports: 07/28/2022 Number of Days to Update: 83

Source: Del Norte County Environmental Health Division Telephone: 707-465-0426 Last EDR Contact: 02/03/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

> Date of Government Version: 08/08/2022 Date Data Arrived at EDR: 08/09/2022 Date Made Active in Reports: 09/01/2022 Number of Days to Update: 23

Source: El Dorado County Environmental Management Department Telephone: 530-621-6623 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: 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: 06/28/2021 Date Data Arrived at EDR: 12/21/2021 Date Made Active in Reports: 03/03/2022 Number of Days to Update: 72 Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018 Date Data Arrived at EDR: 01/24/2018 Date Made Active in Reports: 03/14/2018 Number of Days to Update: 49 Source: Glenn County Air Pollution Control District Telephone: 830-934-6500 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

> Date of Government Version: 08/12/2021 Date Data Arrived at EDR: 08/12/2021 Date Made Active in Reports: 11/08/2021 Number of Days to Update: 88

Source: Humboldt County Environmental Health Telephone: N/A Last EDR Contact: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

> Date of Government Version: 01/13/2023 Date Data Arrived at EDR: 01/17/2023 Date Made Active in Reports: 04/04/2023 Number of Days to Update: 77

Source: San Diego Border Field Office Telephone: 760-339-2777 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

> Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 04/03/2018 Date Made Active in Reports: 06/14/2018 Number of Days to Update: 72

Source: Inyo County Environmental Health Services Telephone: 760-878-0238 Last EDR Contact: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/03/2022 Date Data Arrived at EDR: 10/05/2022 Date Made Active in Reports: 12/16/2022 Number of Days to Update: 72 Source: Kern County Public Health Telephone: 661-321-3000 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 10/03/2022 Date Data Arrived at EDR: 10/05/2022 Date Made Active in Reports: 12/16/2022 Number of Days to Update: 72 Source: Kern County Environment Health Services Department Telephone: 661-862-8700 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: 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: 12/03/2020 Date Data Arrived at EDR: 01/26/2021 Date Made Active in Reports: 04/14/2021 Number of Days to Update: 78 Source: Kings County Department of Public Health Telephone: 559-584-1411 Last EDR Contact: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

> Date of Government Version: 11/04/2022 Date Data Arrived at EDR: 11/07/2022 Date Made Active in Reports: 01/25/2023 Number of Days to Update: 79

Source: Lake County Environmental Health Telephone: 707-263-1164 Last EDR Contact: 04/05/2023 Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List Cupa facility list

> Date of Government Version: 07/31/2020 Date Data Arrived at EDR: 08/21/2020 Date Made Active in Reports: 11/09/2020 Number of Days to Update: 80

Source: Lassen County Environmental Health Telephone: 530-251-8528 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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: N/A Telephone: N/A Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List Industrial Waste and Underground Storage Tank Sites. Date of Government Version: 01/09/2023 Source: Department of Public Works Date Data Arrived at EDR: 01/12/2023 Telephone: 626-458-3517 Date Made Active in Reports: 03/29/2023 Last EDR Contact: 03/29/2023 Number of Days to Update: 76 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Semi-Annually LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County. Date of Government Version: 01/09/2023 Source: La County Department of Public Works Date Data Arrived at EDR: 01/10/2023 Telephone: 818-458-5185 Last EDR Contact: 01/10/2023 Date Made Active in Reports: 03/23/2023 Number of Days to Update: 72 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Varies LF LOS ANGELES CITY: City of Los Angeles Landfills Landfills owned and maintained by the City of Los Angeles. Date of Government Version: 12/31/2022 Source: Engineering & Construction Division Telephone: 213-473-7869 Date Data Arrived at EDR: 01/12/2023 Date Made Active in Reports: 03/29/2023 Last EDR Contact: 04/05/2023 Number of Days to Update: 76 Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: Varies LOS ANGELES AST: Active & Inactive AST Inventory A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles. Date of Government Version: 06/01/2019 Source: Los Angeles Fire Department Date Data Arrived at EDR: 06/25/2019 Telephone: 213-978-3800 Date Made Active in Reports: 08/22/2019 Last EDR Contact: 03/16/2023 Number of Days to Update: 58 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Varies LOS ANGELES CO LF METHANE: Methane Producing Landfills This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022 Date Data Arrived at EDR: 01/12/2022	Source: Los Angeles County Department of Public Works Telephone: 626-458-6973
Date Made Active in Reports: 04/04/2022	Last EDR Contact: 04/05/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

-	
Date of Government Version: 11/01/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/14/2022	Telephone: 213-978-3800
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 03/24/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.	
Date of Government Version: 11/01/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 03/07/2023 Number of Days to Update: 83	Source: Los Angeles Fire Department Telephone: 213-978-3800 Last EDR Contact: 03/24/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Varies
SITE MIT LOS ANGELES: Site Mitigation List Industrial sites that have had some sort of sp	ill or complaint.
Date of Government Version: 05/26/2021 Date Data Arrived at EDR: 07/09/2021 Date Made Active in Reports: 09/29/2021 Number of Days to Update: 82	Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Annually
UST EL SEGUNDO: City of El Segundo Undergro Underground storage tank sites located in El	
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: 04/05/2023 Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: No Update Planned
UST LONG BEACH: City of Long Beach Undergro Underground storage tank sites located in the	
Date of Government Version: 04/22/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 06/27/2019 Number of Days to Update: 65	Source: City of Long Beach Fire Department Telephone: 562-570-2563 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/18/2022 Date Data Arrived at EDR: 10/19/2022	Source: City of Torrance Fire Department Telephone: 310-618-2973
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/13/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

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

Date of Government Version: 08/10/2020 Date Data Arrived at EDR: 08/12/2020 Date Made Active in Reports: 10/23/2020 Number of Days to Update: 72 Source: Madera County Environmental Health Telephone: 559-675-7823 Last EDR Contact: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites Currently permitted USTs in Marin County.

> Date of Government Version: 09/26/2018 Date Data Arrived at EDR: 10/04/2018 Date Made Active in Reports: 11/02/2018 Number of Days to Update: 29

Source: Public Works Department Waste Management Telephone: 415-473-6647 Last EDR Contact: 03/22/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021 Date Data Arrived at EDR: 11/18/2021 Date Made Active in Reports: 11/22/2021 Number of Days to Update: 4 Source: Department of Public Health Telephone: 707-463-4466 Last EDR Contact: 02/15/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 02/15/2022 Date Data Arrived at EDR: 02/17/2022 Date Made Active in Reports: 05/11/2022 Number of Days to Update: 83 Source: Merced County Environmental Health Telephone: 209-381-1094 Last EDR Contact: 01/31/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

> Date of Government Version: 02/22/2021 Date Data Arrived at EDR: 03/02/2021 Date Made Active in Reports: 05/19/2021 Number of Days to Update: 78

Source: Mono County Health Department Telephone: 760-932-5580 Last EDR Contact: 02/15/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021 Date Data Arrived at EDR: 10/06/2021 Date Made Active in Reports: 12/29/2021 Number of Days to Update: 84 Source: Monterey County Health Department Telephone: 831-796-1297 Last EDR Contact: 03/22/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: 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: 02/15/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: No Update Planned	
UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.		
Date of Government Version: 09/05/2019 Date Data Arrived at EDR: 09/09/2019 Date Made Active in Reports: 10/31/2019 Number of Days to Update: 52	Source: Napa County Department of Environmental Management Telephone: 707-253-4269 Last EDR Contact: 02/15/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: No Update Planned	
NEVADA COUNTY:		
CUPA NEVADA: CUPA Facility List CUPA facility list.		
Date of Government Version: 10/27/2022 Date Data Arrived at EDR: 10/27/2022 Date Made Active in Reports: 01/18/2023 Number of Days to Update: 83	Source: Community Development Agency Telephone: 530-265-1467 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Varies	
ORANGE COUNTY:		
IND_SITE ORANGE: List of Industrial Site Cleanups Petroleum and non-petroleum spills.		
Date of Government Version: 05/24/2022 Date Data Arrived at EDR: 08/09/2022 Date Made Active in Reports: 10/28/2022 Number of Days to Update: 80	Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 01/31/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Annually	
LUST ORANGE: List of Underground Storage Tank Cleanups Orange County Underground Storage Tank Cleanups (LUST).		
Date of Government Version: 04/08/2022 Date Data Arrived at EDR: 05/18/2022 Date Made Active in Reports: 08/03/2022 Number of Days to Update: 77	Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 01/31/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Quarterly	
UST ORANGE: List of Underground Storage Tank Facilities Orange County Underground Storage Tank Facilities (UST).		
Date of Government Version: 05/24/2022 Date Data Arrived at EDR: 08/01/2022 Date Made Active in Reports: 10/20/2022 Number of Days to Update: 80	Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 01/31/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Quarterly	

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/26/2022		
Date Data Arrived at EDR: 08/29/2022		
Date Made Active in Reports: 11/15/2022		
Number of Days to Update: 78		

Source: Placer County Health and Human Services Telephone: 530-745-2363 Last EDR Contact: 02/13/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List Plumas County CUPA Program facilities.

> Date of Government Version: 03/31/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 06/26/2019 Number of Days to Update: 64

Source: Plumas County Environmental Health Telephone: 530-283-6355 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/18/2023 Date Data Arrived at EDR: 01/19/2023 Date Made Active in Reports: 04/04/2023 Number of Days to Update: 75 Source: Department of Environmental Health Telephone: 951-358-5055 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List Underground storage tank sites located in Riverside county.

Date of Government Version: 01/18/2023 Date Data Arrived at EDR: 01/19/2023 Date Made Active in Reports: 04/04/2023 Number of Days to Update: 75

Source: Department of Environmental Health Telephone: 951-358-5055 Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 12/21/2022	Telephone: 916-875-8406
Date Made Active in Reports: 03/16/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

ML SACRAMENTO: 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: 11/07/2022 Date Data Arrived at EDR: 12/09/2022 Date Made Active in Reports: 03/01/2023 Number of Days to Update: 82 Source: Sacramento County Environmental Management Telephone: 916-875-8406 Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List Cupa facility list

Date of Government Version: 10/27/2022 Date Data Arrived at EDR: 10/28/2022 Date Made Active in Reports: 01/18/2023 Number of Days to Update: 82 Source: San Benito County Environmental Health Telephone: N/A Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 11/18/2022 Date Data Arrived at EDR: 11/21/2022 Date Made Active in Reports: 02/09/2023 Number of Days to Update: 80 Source: San Bernardino County Fire Department Hazardous Materials Division Telephone: 909-387-3041 Last EDR Contact: 01/30/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: 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: 11/28/2022 Date Data Arrived at EDR: 11/29/2022 Date Made Active in Reports: 02/14/2023 Number of Days to Update: 77 Source: Hazardous Materials Management Division Telephone: 619-338-2268 Last EDR Contact: 02/28/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021 Date Data Arrived at EDR: 03/04/2022 Date Made Active in Reports: 05/31/2022 Number of Days to Update: 88

Source: Department of Health Services Telephone: 619-338-2209 Last EDR Contact: 04/04/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021 Date Data Arrived at EDR: 10/19/2021 Date Made Active in Reports: 01/13/2022 Number of Days to Update: 86 Source: Department of Environmental Health Telephone: 858-505-6874 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

SAN DIEGO CO SAM: 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	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 06/15/2010	Telephone: 619-338-2371
Date Made Active in Reports: 07/09/2010	Last EDR Contact: 02/23/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing Cupa facilities

> Date of Government Version: 11/03/2022 Date Data Arrived at EDR: 11/07/2022 Date Made Active in Reports: 01/25/2023 Number of Days to Update: 79

Source: San Francisco County Department of Environmental Health Telephone: 415-252-3896 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 01/27/2023
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/03/2022	Source: Department of Public Health
Date Data Arrived at EDR: 11/07/2022	Telephone: 415-252-3920
Date Made Active in Reports: 01/24/2023	Last EDR Contact: 01/27/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/11/2022 Date Data Arrived at EDR: 10/14/2022 Date Made Active in Reports: 01/04/2023 Number of Days to Update: 82 Source: San Francisco Planning Telephone: 628-652-7483 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018 Date Data Arrived at EDR: 06/26/2018 Date Made Active in Reports: 07/11/2018 Number of Days to Update: 15 Source: Environmental Health Department Telephone: N/A Last EDR Contact: 03/09/2023 Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.		
Date of Government Version: 11/08/2022 Date Data Arrived at EDR: 11/09/2022 Date Made Active in Reports: 02/01/2023 Number of Days to Update: 84	Source: San Luis Obispo County Public Health Department Telephone: 805-781-5596 Last EDR Contact: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies	
SAN MATEO COUNTY:		
BI SAN MATEO: Business Inventory List includes Hazardous Materials Business Pla	an, hazardous waste generators, and underground storage tanks.	
Date of Government Version: 02/20/2020 Date Data Arrived at EDR: 02/20/2020 Date Made Active in Reports: 04/24/2020 Number of Days to Update: 64	Source: San Mateo County Environmental Health Services Division Telephone: 650-363-1921 Last EDR Contact: 03/10/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Annually	
LUST SAN MATEO: Fuel Leak List A listing of leaking underground storage tank sites located in San Mateo county.		
Date of Government Version: 03/29/2019 Date Data Arrived at EDR: 03/29/2019 Date Made Active in Reports: 05/29/2019 Number of Days to Update: 61	Source: San Mateo County Environmental Health Services Division Telephone: 650-363-1921 Last EDR Contact: 03/02/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Semi-Annually	
SANTA BARBARA COUNTY:		
CUPA SANTA BARBARA: 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: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: No Update Planned	
SANTA CLARA COUNTY:		
CUPA SANTA CLARA: Cupa Facility List Cupa facility list		
Date of Government Version: 10/28/2022 Date Data Arrived at EDR: 11/01/2022 Date Made Active in Reports: 01/20/2023 Number of Days to Update: 80	Source: Department of Environmental Health Telephone: 408-918-1973 Last EDR Contact: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies	
HIST LUST SANTA CLARA: 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	

LUST SANTA CLARA: 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: 02/15/2023 Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: 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: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: 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: 02/09/2023 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019 Date Data Arrived at EDR: 06/06/2019 Date Made Active in Reports: 08/13/2019 Number of Days to Update: 68 Source: Solano County Department of Environmental Management Telephone: 707-784-6770 Last EDR Contact: 02/23/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021 Date Data Arrived at EDR: 09/16/2021 Date Made Active in Reports: 12/09/2021 Number of Days to Update: 84 Source: Solano County Department of Environmental Management Telephone: 707-784-6770 Last EDR Contact: 02/23/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021 Date Data Arrived at EDR: 07/06/2021 Date Made Active in Reports: 07/14/2021 Number of Days to Update: 8	Source: County of Sonoma Fire & Emergency Services Department Telephone: 707-565-1174 Last EDR Contact: 06/28/2021 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Varies
LUST SONOMA: Leaking Underground Storage Ta A listing of leaking underground storage tanks	
Date of Government Version: 06/30/2021 Date Data Arrived at EDR: 06/30/2021 Date Made Active in Reports: 09/24/2021 Number of Days to Update: 86	Source: Department of Health Services Telephone: 707-565-6565 Last EDR Contact: 03/16/2023 Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly
STANISLAUS COUNTY:	
CUPA STANISLAUS: CUPA Facility List Cupa facility list	
Date of Government Version: 02/08/2022 Date Data Arrived at EDR: 02/10/2022 Date Made Active in Reports: 05/04/2022 Number of Days to Update: 83	Source: Stanislaus County Department of Ennvironmental Protection Telephone: 209-525-6751 Last EDR Contact: 01/09/2023 Next Scheduled EDR Contact: 04/24/2023 Data Release Frequency: Varies
SUTTER COUNTY:	
UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sut	ter county.
Date of Government Version: 08/03/2022 Date Data Arrived at EDR: 08/25/2022 Date Made Active in Reports: 11/14/2022 Number of Days to Update: 81	Source: Sutter County Environmental Health Services Telephone: 530-822-7500 Last EDR Contact: 02/23/2023 Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Semi-Annually
TEHAMA COUNTY:	
CUPA TEHAMA: CUPA Facility List Cupa facilities	
Date of Government Version: 11/17/2022 Date Data Arrived at EDR: 11/21/2022 Date Made Active in Reports: 02/10/2023 Number of Days to Update: 81	Source: Tehama County Department of Environmental Health Telephone: 530-527-8020 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies
TRINITY COUNTY:	
CUPA TRINITY: CUPA Facility List Cupa facility list	
Date of Government Version: 01/13/2023 Date Data Arrived at EDR: 01/17/2023 Date Made Active in Reports: 04/04/2023 Number of Days to Update: 77	Source: Department of Toxic Substances Control Telephone: 760-352-0381 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies
TULARE COUNTY:	

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 10/07/2022 Date Data Arrived at EDR: 10/07/2022 Date Made Active in Reports: 12/21/2022 Number of Days to Update: 75 Source: Tulare County Environmental Health Services Division Telephone: 559-624-7400 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/15/2023 Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

> Date of Government Version: 04/23/2018 Date Data Arrived at EDR: 04/25/2018 Date Made Active in Reports: 06/25/2018 Number of Days to Update: 61

Source: Divison of Environmental Health Telephone: 209-533-5633 Last EDR Contact: 01/13/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: 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: 09/26/2022 Date Data Arrived at EDR: 10/19/2022 Date Made Active in Reports: 01/10/2023 Number of Days to Update: 83 Source: Ventura County Environmental Health Division Telephone: 805-654-2813 Last EDR Contact: 01/17/2023 Next Scheduled EDR Contact: 05/01/2023 Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 03/22/2023
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 02/02/2023
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2022	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/20/2022	Telephone: 805-654-2813
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2022 Date Data Arrived at EDR: 12/02/2022 Date Made Active in Reports: 02/23/2023 Number of Days to Update: 83 Source: Environmental Health Division Telephone: 805-654-2813 Last EDR Contact: 03/07/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 12/19/2022 Date Data Arrived at EDR: 12/27/2022 Date Made Active in Reports: 03/17/2023 Number of Days to Update: 80 Source: Yolo County Department of Health Telephone: 530-666-8646 Last EDR Contact: 03/22/2023 Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List CUPA facility listing for Yuba County.

> Date of Government Version: 10/25/2022 Date Data Arrived at EDR: 10/26/2022 Date Made Active in Reports: 10/31/2022 Number of Days to Update: 5

Source: Yuba County Environmental Health Department Telephone: 530-749-7523 Last EDR Contact: 01/20/2023 Next Scheduled EDR Contact: 05/08/2023 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: 11/16/2022	
Date Data Arrived at EDR: 11/16/2022	
Date Made Active in Reports: 02/06/2023	
Number of Days to Update: 82	

Source: Department of Energy & Environmental Protection Telephone: 860-424-3375 Last EDR Contact: 02/10/2023 Next Scheduled EDR Contact: 05/22/2023 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019 Number of Days to Update: 36 Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 03/30/2023 Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 10/29/2021 Date Made Active in Reports: 01/19/2022 Number of Days to Update: 82

PA MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 07/19/2019 Date Made Active in Reports: 09/10/2019 Number of Days to Update: 53

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 11/30/2021 Date Made Active in Reports: 02/18/2022 Number of Days to Update: 80

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019 Number of Days to Update: 76 Source: Department of Environmental Conservation Telephone: 518-402-8651 Last EDR Contact: 01/27/2023 Next Scheduled EDR Contact: 05/08/2023 Data Release Frequency: Quarterly

Source: Department of Environmental Protection Telephone: 717-783-8990 Last EDR Contact: 04/06/2023 Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: Annually

Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 02/13/2022 Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Annually

Source: Department of Natural Resources Telephone: N/A Last EDR Contact: 03/06/2023 Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals. Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes Source: National Institutes of Health Telephone: 301-594-6248 Information on Medicare and Medicaid certified nursing homes in the United States. **Public Schools** Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states. **Private Schools** Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on private school locations in the United States. **Daycare Centers: Licensed Facilities** Source: Department of Social Services Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Department of Fish and Wildlife 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

17257 PATTERSON PASS ROAD 17257 PATTERSON PASS ROAD MOUNTAIN HOUSE, CA 95377

TARGET PROPERTY COORDINATES

Latitude (North):	37.711763 - 37° 42' 42.35"
Longitude (West):	121.574164 - 121° 34' 26.99"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	625679.4
UTM Y (Meters):	4174587.0
Elevation:	458 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12008740 MIDWAY, CA
Version Date:	2018

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 principle 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 NE

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
06077C0725F	FEMA FIRM Flood data
Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

	INVVI Electronic
NWI Quad at Target Property	Data Coverage
MIDWAY	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.

MAP ID Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

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:	Continental Deposits
System:	Tertiary		
Series:	Pliocene		
Code:	Tpc (decoded above as Era, System & S	eries)	

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 - 7303734.2s



SITE NAME:	17257 Patterson Pass Road
ADDRESS:	17257 Patterson Pass Road
	Mountain House CA 95377
LAT/LONG:	37.711763 / 121.574164

CONTACT: INQUIRY #:	Tetra Tech Inc. Tanya Maclean 7303734.2s April 10, 2023 1:53 pm
Copyrig	ht © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

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:	Linne
Soil Surface Texture:	clay loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Well drained
Hydric Status: Partially hydric	
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

Layer	Boundary			Classification		Saturated	
	Upper	Lower	Soil Texture Class		Unified Soil	hydraulic conductivity micro m/sec	
1	0 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	35 inches	40 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:

Soil Map ID: 2	
Soil Component Name:	Rincon
Soil Surface Texture:	clay loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information						
	Bou	Indary		Classi	fication	Saturated hydraulic	
Layer	· Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	16 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	16 inches	51 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	51 inches	59 inches	stratified sandy loam to clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)	
Federal USGS	1.000	
Federal FRDS PWS	Nearest PWS within 1 mile	

State Database

1.000

FEDERAL USGS WELL INFORMATION

MAP ID

WELL ID

LOCATION FROM TP

LOCATION FROM TP

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	USGS40000185175	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	
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
	CADWR9000037302	1/2 - 1 Mile North
A2	CADWR9000037316	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 7303734.2s



SITE NAME: 17257 Patterson Pass Road	CLIENT: Tetra Tech Inc.
ADDRESS: 17257 Patterson Pass Road	CONTACT: Tanya Maclean
Mountain House CA 95377	INQUIRY #: 7303734.2s
LAT/LONG: 37.711763 / 121.574164	DATE: April 10, 2023 1:53 pm
	Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance			Detabase	
Elevation 1			Database	EDR ID Number
North 1/2 - 1 Mile Lower			CA WELLS	CADWR9000037302
State Well #: Well Name: Well Use: Well Depth:	02S04E31B001M Not Reported Unknown 0	Station ID: Basin Name: Well Type: Well Completion Rpt #:	Unkn	Reported
A2 NNE 1/2 - 1 Mile Lower			CA WELLS	CADWR9000037316
State Well #: Well Name: Well Use: Well Depth:	02S04E29N001M Not Reported Unknown 0	Station ID: Basin Name: Well Type: Well Completion Rpt #:	Unkn	Reported
A3 NNE 1/2 - 1 Mile Lower			FED USGS	USGS40000185175
Organization ID:	USGS-CA			
Organization Name:	USGS California Water Science C	enter		
Monitor Location:	002S004E29N001M	Type:	Well	
Description:	Not Reported	HUC:	1804 Not 5	
Drainage Area: Contrib Drainage Area:	Not Reported Not Reported	Drainage Area Units: Contrib Drainage Area L		Reported Reported
Aquifer:	Central Valley aquifer system	Contrib Drainage / rea c		
Formation Type:	Not Reported	Aquifer Type:	Not F	Reported
Construction Date:	Not Reported	Well Depth:	Not F	Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not F	Reported
Well Hole Depth Units:	Not Reported			
Ground water levels,Number	r of Measurements: 1	Level reading date:	1967	-04-01
Feet below surface:	19.00	Feet to sea level:	Not F	Reported
Note:	Not Reported			

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94550	39	3

Federal EPA Radon Zone for ALAMEDA 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 Zip Code: 94550

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.567 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the 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.

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.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

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.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division Telephone: 916-323-1779 Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

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.

RADON

State Database: CA Radon Source: Department of Public Health Telephone: 916-210-8558 Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

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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APPENDIX C EDR HISTORICAL DOCUMENTATION

17257 Patterson Pass Road

17257 Patterson Pass Road Mountain House, CA 95377

Inquiry Number: 7303734.8 April 10, 2023

The EDR Aerial Photo Decade Package



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

Site Name:

17257 Patterson Pass Road

17257 Patterson Pass Road

Mountain House, CA 95377

EDR Inquiry # 7303734.8

Client Name:

Tetra Tech Inc. 17885 Von Karman Ave Irvine, CA 92614 Contact: Tanya Maclean



04/10/23

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:

Year	Scale	Details	Source	
2020	1"=500'	Flight Year: 2020	USDA/NAIP	
2016	1"=500'	Flight Year: 2016	USDA/NAIP	
2012	1"=500'	Flight Year: 2012	USDA/NAIP	
2009	1"=500'	Flight Year: 2009	USDA/NAIP	
2006	1"=500'	Flight Year: 2006	USDA/NAIP	
1998	1"=500'	Flight Date: August 18, 1998	USDA	
1993	1"=500'	Acquisition Date: June 15, 1993	USGS/DOQQ	
1982	1"=500'	Flight Date: July 10, 1982	USDA	
1979	1"=500'	Flight Date: August 16, 1979	USDA	
1975	1"=500'	Flight Date: November 11, 1975	Cartwright	
1966	1"=500'	Flight Date: May 14, 1966	USDA	
1958	1"=500'	Flight Date: August 26, 1958	USDA	
1949	1"=500'	Flight Date: October 13, 1949	USGS	

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17257 Patterson Pass Road

17257 Patterson Pass Road Mountain House, CA 95377

Inquiry Number: 7303734.5 April 12, 2023

The EDR-City Directory Image Report



6 Armstrong Road Shelton, CT 06484 800.352.0050 www.edrnet.com

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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 business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk,Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate 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>	<u>Target Street</u>	Cross Street	<u>Source</u>
2020	\checkmark		EDR Digital Archive
2017	\checkmark		Cole Information
2014	\checkmark		Cole Information
2010	\checkmark		Cole Information
2005	\checkmark		Cole Information
2000	\checkmark		Cole Information
1995	\checkmark		Cole Information
1992	\checkmark		Cole Information
1985	\checkmark		Haines Criss-Cross Directory
1981	\checkmark		Haines Criss-Cross Directory
1977	\checkmark		Haines Criss-Cross Directory
1974	\checkmark		Haines Criss-Cross Directory
1971	$\mathbf{\overline{\mathbf{A}}}$		Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

17257 Patterson Pass Road Mountain House, CA 95377

<u>Year</u>	<u>CD Image</u>	<u>Source</u>		
PATTERSON PASS RD				
2020	pg A1	EDR Digital Archive		
2017	pg A2	Cole Information		
2014	pg A3	Cole Information		
2010	pg A4	Cole Information		
2005	pg A5	Cole Information		
2000	pg A6	Cole Information		
1985	pg A9	Haines Criss-Cross Directory		
1981	pg A10	Haines Criss-Cross Directory		
1977	pg A11	Haines Criss-Cross Directory		
1977	pg A12	Haines Criss-Cross Directory		
1974	pg A13	Haines Criss-Cross Directory		
1974	pg A14	Haines Criss-Cross Directory		
1971	pg A15	Haines Criss-Cross Directory		
1971	pg A16	Haines Criss-Cross Directory		

S PATTERSON PASS RD

1995	pg A7	Cole Information
1992	pg A8	Cole Information

FINDINGS

CROSS STREETS

No Cross Streets Identified
City Directory Images



-

Source EDR Digital Archive

PATTERSON PASS RD 2020

- 19651 MARK OVERBY MELANIE BETTENCOURT
- 19835 KATHRINE KAVANAGH

MARC KAVANAGH

SAYED MAUSUMI

SHEELA MAUSUMI

19889 ARNOLD DAVIS

26116 CHARLES SPARKS EUGENE SPARKS



-

Source Cole Information

PATTERSON PASS RD 2017

19651 BETTENCOURT, MELANIE J19835 KAVANAGH, MARC E19889 DAVIS, ARNOLD A

- 25705 SHELL PIPELINE CO
- 26116 SPARKS, EUGENE W



-

Source Cole Information

- 14680 ENXCO SERVICE CORPORATION
 17257 OCCUPANT UNKNOWN,
 19651 BETTENCOURT, MELANIE J
 19835 HAND, DAVID M
 19889 OCCUPANT UNKNOWN,
 20026 OCCUPANT UNKNOWN,
 25705 SHELL PIPELINE CO
 25733 SPARKS, EUGENE
 25775 ARP MINI MARKET
- 26116 SPARKS, EUGENE W



-

Source Cole Information

PATTERSON PASS RD 2010

14680 ENXCO SERVICE CORP
16955 VIEUX, ROBERT A
17257 ANDERSON, SARA
17259 CASILLAS, ALFONSO
17545 PACIFIC GAS & ELECTRIC CO
19651 BETTENCOURT, MELANIE J
19835 HAND, DAVID M
19889 OCCUPANT UNKNOWN,
25733 HUBRIG, RANDY A
25775 ARP MINIMARKET
26116 SPARKS, EUGENE W



-

Source Cole Information

PATTERSON PASS RD 2005

16955 VIEUX, ROBERT A
17257 FRANKLIN, DAVID B
19651 OVERBY, MARK D
19835 HAND, DAVID M
19889 OCCUPANT UNKNOWN,
20026 GRIFFITH, GORDON L
21268 EDWARDS, JAMES W
21997 SOUZA, J
25705 SHELL PIPELINE LP
26116 SPARKS, EUGENE W



-

Source Cole Information

PATTERSON PASS RD 2000

16955 VIEUX, ROBERT
18621 RUBIO, RAUL
19651 PULLENS, JERRY D
19835 HAND, DAVID M
19889 DAVIS, ARNOLD A
21080 MITCHELL, EDWARD
21300 DIJOS, TANYA
22261 LUCKY J DAIRY
24308 JOHNSON, REED L
25775 A B C ARCO
26116 SPARKS, EUGENE



-

<u>Source</u> Cole Information

18310	ARNAUDO, STEVE
18621	ACEVES, S
	GONZALEZ, JORGE M
19159	ALMANZA, ARTURO
19459	OCCUPANT UNKNOWNN
19651	PULLENS, JERRY D
19835	HAND, DAVID M
23577	COUNTRY PLACE
25501	INTERSTATE TRUCK CTR
25775	ABC ARCO



-

Source Cole Information

18340	ARNAUDO, STEVE
19651	PULLENS, JERRY D
21300	ESKEW, ORALIA
21945	SOUZA, JOSE
	TEIXEIRA, ISIDORO
21947	CASTELLANOS, ANTONIO
21951	FREITAS, SAMUEL
22261	JUAREZ, MARIA
	LUCKY J DAIRY
	PANTOJO, L
22718	ROGERS, RONALD
22962	COOPER, WAYNE T
22994	NICHOLS, JAMES C
23526	ROSE, CONNIE
23577	COUNTRY PLACE
24200	ESENARRO, DON
24334	BRAJKOVICH, STEVE J
24371	HOLDENER, ROBERT
24383	HOLDENER, CARL
24387	ENCARNACION, ADAM
25501	TRI ST MOTOR TRANST
25643	BAY CTY TRUCK STOP
25775	A B C ARCO
26116	SPARKS, EUGENE

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Target StreetCross Street

-

<u>Source</u> Haines Criss-Cross Directory

PAI	TERSON PASS RD	1985	
Ισδτι	ERSON PASS	2 0 9	
9231	6 TRACY		
	RURAL ROUTE 5		
17257	LOPEZ SALVADOR	835-9430	۱
17360	XXXX	00	2
18340	XXXX	00	
18490	MUSCO OLIVE PRODS	635-4500+9 00	기
	PULLENS JEARY D		ι
19889	VALLEY MASONRT	635-5072 (<u> </u>
20501	XXXX	00	
20600		00 836-6897 4	.
21945	SOUZA JOSE TEIXEIRA ISIDORO		
21947	PAULO JOSE S	836-1334 4	8
21949	XXXX	00	
21951	FURTADO SERAFIN	836-1457 +5	5
21997	XXXX LUCKY J DAIRT	00 636-3510+9	5
22718	ROGERS RONALD	836-0506 0	S
22944	XXXX	00	
22962	COOPER WAYNE T	835-1446 0	
22994	NICHOLS B NICHOLS JAMES C	835-1297 2 835-7326 8	
22998	XXXX	00	'
23526	XXXX	00	
23577	COUNTRY PLACE	935-5804 7	
24334	BRAJKOVICH STEVE J	836-5067 2	2
24365	XXXX HOLDENER CARL	835-1028 0	
	TOSTA HENRY		
24385	XXXX	00	
24387			2
	SANTOS RON SILVEIRA FARMS	835-7983 7 636-3108 0	
24399	XXXX	00	1
25501			
이 가슴이 물었다. 이 것 같은 것이 안 안 했다.	COLE DON	836-1904 0	
	DICKS ARCO GETTY DIL CO	636-7777 6 636-3723	1
	· · · · · · · · · · · · · · · · · · ·	835-8658	1
	STANDARD PAC GAS LR	936-1983 9	1
•	9 BUS 30 RES	4 NEW	
DATT	ERSON PASS	PO W	
Stanson and and the second second	ene second a Azarra		
9537	6 TRACY		
18340		835-4399	
•	D BUS 1 RES	G NEW	

Target StreetCross Street \checkmark

-

<u>Source</u> Haines Criss-Cross Directory

		1001	
PATTERSON PASS RD S			
0537	6 TRACY		
3001	0 INACI		
	RURAL ROUTE 5		
19-10-1-	FERGUSON DAVE	835-5985 0	
18340	GILMORE GLENN	835-4399	
	GILMORE RICK	836-5393 +1	
18621		00	
19651 19889	FERNANDES DAVID VALLEY MASONRY	836-1189 +1 835-8072 0	
20501	XXXX	00	
20600	RICHARDS FRANK D	835-5584 0	
21945	SOUZA JOSE	836-4081 +1	
21040	TEIXEIRA ISIDORO	836-4081 +1	
21947	LEONARDO LUCIANO	836-5844 +1	
21949	XXXX	00	F
21997	FURTADO M R	835-3045	N
22261	BRITO FRANCISCO P	836-4933 +1	
22718	ROGERS RONALD	836-0506 0	
22944	XXXX	00	
22962	COOPER WAYNE T	835-1446 0	
22994	NICHOLS JAMES C	835-7326 8	
22998	XXXX	00	
23526	BLAIR I B	835-3815 +1	
	BLAIR J N	835-9653 8	
23577	CDUNTRY PLACE	835-5804 7	
24365	XXXX	00	
24383	HOLDENER CARL	835-1028 0	
0.00r	TOSTA HENRY	835-0687 9	
24385	XXXX	00	
24387	SANTOS RON	835-7983 7 836-3108 0	
24200	SILVEIRA FARMS	836-3108 0 00	
24399 25501	XXXX TRI STATE MTR TRNST	835-8800	
25643	COLE DON	836-1904 0	
25775	DICKS ARCO	835-7777 6	
Martin 1912 TO DI DATEN	GETTY OIL CD	835-3723	
NO #	GRIFFITH GORDON	835-8658	
1000	STANDARO PAC GAS LN	and the second sec	
*	7 BUS 28 RES	7 NEW	
			[]



-

<u>Source</u> Haines Criss-Cross Directory

PATTERSON PASS RD S	95376 TRACY
RURAL ROUTE 5	
18340 GILMORE GLENN 18621 XXXX	835-4399 00
19651 MILLE DANL 20501 XXXX	835-5386 6 00
20600 OWENS H DONALD	835-6529 5
21997 FURTADO DAIRY	835-7251 6
FURTADO M R'	835-3045
SDARES ANTONIO	
22261 BIER GARY L	835-9594 4
22718 GOULART ALFREDO	
GOULART MARIA	835-0563
22944 XXXX	00
22962 PETERSON MORRIS 22994 CUNNINGHAM RAY	835-1361 5
HUMM E J	835-1639+7
22998 XXXX	00
23526 MACIAS TONY	835-6818+7



Target Street Cross Street Source Haines Criss-Cross Directory PATTERSON PASS RD 1974 PATTERSON PASS RD S 95376 TRACY RURAL ROUTE 5 18340 GILMORE GLENN 835-4399 18621 HERNANDEZ DAVID L 835-6471 00 21000 XXXX 21268 FURTADO TONY J 835-3153 *FURTADOGSON DAIRY 835-7251 21300 PARREIRA CHRIS J 835-5277 21945 XXXX 00

```
Target Street
```

Source Haines Criss-Cross Directory

PATTERSON PASS RD 1974

.. PATTERSON PASS RD S 95376 CONT.. 835-5298 21947 SOARES ANTONIO 21949 00 XXXX 21997 835-3045 FURTADO M R 835-6329 2 SERPA GIL R 22261 BIER GARY L 835-9594+4 22718 GIBSON ARNOLD E 835-4783+4 GOULART ALFREDO L 835-0563 835-0563 GOULART MARIA XXXX 00 22944 835-1446 PETERSON MORRIS 22962 00 22998 XXXX 835-5732 24383 HOLDENER CARL 24387 XXXX 00 SHOEMAKER KENNETH 835-6048 24399 835-4650 24423 SARALE TOM 25501*TRI STATE MTR TRNST835-8800 25775*GILLINGS ARCO SV SN835-0554 2 835-3723 NO #*GETTY OIL CO NO # GRIFFITH GORDON 835-8658 2 NEW 4 BUS 22 RES



<u>Target</u>	Street Cross	<u>Street</u>	<u>Source</u>
\checkmark	-	I	Haines Criss-Cross Directory
			074
		PASS RD 1	
	<u>00/687</u>		
			- 25 - 7 - 5 - 1
	FURTADOESC		
	FURTADO TO		
	PARREIRA C		
	SOARES ANT		
	SERPA GIL		835-6329
100-000 - 000 - 000 - 000 - 000 - 000	CORRE1A LU		
	FURTADO M		835-3045
22261	GOULART GE	0 S	835-0451
22718	FERRERIA	JOE	835-5902
	GOULART AL	FREOO L	835-0563
	GOULART MA		SCHEMEN STATUTE CONTRACTOR STATUTES
22962	PETERSON M	ORRIS	835-1446
22998	MCVICKER V	/ 0	835-8337
24383	HOLDENER C	CARL	835-5732
24399	SHOEMAKER	KENNETH	835-6048
24423	SARALE TOM	1	835-4650
25501*	TRI STATE	MTR TRNST	835-8800
25775*	GILLINGS F	RECRTN CTR	835-0554
	TRACY GENE	RTREOIESL	835-0554
NO #*	GETTY OIL	CO	835-3723
	GRIFFITH G		
	ZUPPAN JOH		835-1149
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17257 Patterson Pass Road 17257 Patterson Pass Road Mountain House, CA 95377

Inquiry Number: 7303734.4 April 10, 2023

EDR Historical Topo Map Report with QuadMatch™



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

EDR Historical Topo Map Report

Site Name:

17257 Patterson Pass Road

17257 Patterson Pass Road

Mountain House, CA 95377

EDR Inquiry # 7303734.4

Client Name:

Tetra Tech Inc. 17885 Von Karman Ave Irvine, CA 92614 Contact: Tanya Maclean



04/10/23

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. 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.

Search Res	ults:	Coordinates:	
P.O.#	NA	Latitude:	37.711763 37° 42' 42" North
Project:	T42991.01	Longitude:	-121.574164 -121° 34' 27" West
-		UTM Zone:	Zone 10 North
		UTM X Meters:	625676.27
		UTM Y Meters:	4174791.96
		Elevation:	458.04' above sea level
Maps Provid	led:		
2018	1916		
2015	1907		
2012			
1980			
1968			
1953			
1943			
1942			

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Midway 2018 7.5-minute, 24000

2015 Source Sheets



Midway 2015 7.5-minute, 24000

2012 Source Sheets



Midway 2012 7.5-minute, 24000

1980 Source Sheets



Midway 1980 7.5-minute, 24000 Aerial Photo Revised 1978

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1968 Source Sheets



Midway 1968 7.5-minute, 24000 Aerial Photo Revised 1968

1953 Source Sheets



Midway 1953 7.5-minute, 24000 Aerial Photo Revised 1950

1943 Source Sheets



Tesla 1943 15-minute, 62500 Aerial Photo Revised 1937

1942 Source Sheets



Altamont 1942 15-minute, 62500 Aerial Photo Revised 1937

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1916 Source Sheets



Midway 1916 7.5-minute, 31680

1907 Source Sheets



Tesla 1907 15-minute, 62500





SITE NAME: 17257 Patterson Pass Road ADDRESS: 17257 Patterson Pass Road Mountain House, CA 95377 CLIENT: Tetra Tech Inc.



Historical Topo Map





Mountain House, CA 95377

Tetra Tech Inc.

CLIENT:



Mountain Hous CLIENT: Tetra Tech Inc.

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Mountain House, CA 95377 Tetra Tech Inc. CLIENT:



ADDRESS:

CLIENT:

Mountain House, CA 95377

Tetra Tech Inc.





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page 15

17257 Patterson Pass Road 17257 Patterson Pass Road Mountain House, CA 95377

Inquiry Number: 7303734.3 April 10, 2023

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

Site Name:

17257 Patterson Pass Road 17257 Patterson Pass Road Mountain House, CA 95377 EDR Inquiry # 7303734.3

Client Name:

Tetra Tech Inc. 17885 Von Karman Ave Irvine, CA 92614 Contact: Tanya Maclean



04/10/23

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

Certified Sanborn Results:

Certification # 3B27-4C7E-BBF5

PO# NA

Project T42991.01

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results Certification #: 3B27-4C7E-BBF5

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University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX D ADDITIONAL RELEVANT DOCUMENTATION




New Search

Parcel Details for Parcel 99B-7890-2-4

Parcel Number: 99B-7890-2-4 Active: Yes Property Address: 17257 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377 Mailing Address: PO BOX 2053, LIVERMORE, CA 94551

ALAMEDA COUNTY

Values

Select the year to see value details

Roll Year	Land Value	CLCA Land Value	Imps Value	CLCA Imps Value
2022		\$95,451		
<u>2021</u>		\$94,987		
<u>2020</u>		\$89,363		
<u>2019</u>		\$84,365		
<u>2018</u>		\$80,225		
				1 - 5 of 31 items

*Corrected values

Maps <u>Map 1</u> Maps Disclaimer

Use Code 5500 RURAL PROPERTY USED FOR AGRICULTURE AND/OR COMMERCIAL 10+ ACRE **Use Code Reference**

Parent Parcels	Child Parcels	Economic Unit
No records available.	No records available.	No records available.

Description

17257 PATTERSON PASS RD MOUNTAIN HOUSE 95377 - Open in Google Maps

Parcel Information | Tax Information

Details

APN Book Number
99B

APN Page Number 7890

APN Parcel Number 2

APN Sub Parcel Number 4

Sort Parcel 099B789000204

Parcel Number 99B-7890-2-4

TRA Primary (City) 70

TRA Secondary 000

Land Value 0

Improvement Value 0

CLCA Land Value
95451

 $\begin{array}{c} \mathsf{CLCA} \text{ Improvement Value} \\ \mathbf{0} \end{array}$

Homeowner's Exemption 0

Other Exemption 0

Total Net Value 95451

Latest Document Prefix 1985

Latest Document Series 261718

Latest Document Date 12/8/1985, 4:00:00 PM

Use Code 5500

Economic Unit Flag

Situs Address 17257 PATTERSON PASS RD MOUNTAIN HOUSE 95377

Mailing Address PO BOX 2053 LIVERMORE CA 94551



Unincorporated Alameda County PAM

A-BE	
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May 18, 2023



Esri Community Maps Contributors, San Joaquin County GIS/Planning, San Joaquin County Public Works, California State Parks, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc,

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San Joaquin Valley Groundwater Basin Tracy Subbasin

- Groundwater Basin Number: 5-22.15
- County: San Joaquin, Contra Costa, Alameda
- Surface Area: 345,000 acres (539 square miles)

Basin Boundaries and Hydrology

The San Joaquin Valley comprises the southernmost portion of the Great Valley Geomorphic Province of California. The Great Valley is a broad structural trough bounded by the tilted block of the Sierra Nevada on the east and the complexly folded and faulted Coast Ranges on the west. The Tracy Subbasin is defined by the areal extent of unconsolidated to semiconsolidated sedimentary deposits that are bounded by the Diablo Range on the west; the Mokelumne and San Joaquin Rivers on the north; the San Joaquin River to the east; and the San Joaquin-Stanislaus County line on the south. The Tracy Subbasin is located adjacent to the Eastern San Joaquin Subbasin on the east and the Delta-Mendota Subbasin on the south. All of the above mentioned subbasins are located within the larger San Joaquin Valley Groundwater Basin. The Tracy Subbasin also lies to the south of the Sacramento Valley Groundwater Basin, Solano Subbasin.

The Tracy Subbasin is drained by the San Joaquin River and one of its major westside tributaries; Corral Hollow Creek. The San Joaquin River flows northward into the Sacramento and San Joaquin Delta and discharges into the San Francisco Bay. Annual precipitation within the subbasin ranges from about 11 inches in the south to about 16 inches in the north.

Hydrogeologic Information

Water Bearing Formations

The Tracy Subbasin is comprised of continental deposits of Late Tertiary to Quaternary age. These deposits include the Tulare Formation, Older Alluvium, Flood Basin Deposits, and Younger Alluvium. The cumulative thickness of these deposits increases from a few hundred feet near the Coast Range foothills on the west to about 3,000 feet along the eastern margin of the basin. Information regarding the water bearing units and groundwater conditions was taken from (Hotchkiss and Balding 1971), (Bertoldi et al. 1991), and (Davis G.H. et al. 1964).

Tulare Formation. The Tulare is exposed in the Coast Range foothills along the western margin of the basin and dips eastward toward the axis of the valley. It consists of semi-consolidated, poorly sorted, discontinuous deposits of clay, silt, and gravel. The Corcoran clay occurs near the top of the Tulare Formation and confines the underlying fresh water deposits. The eastern limit of the Corcoran clay is near the eastern boundary of the basin. The Tulare formation is moderately permeable, with most of the larger agricultural, municipal and industrial extractions coming from below the Corcoran clay. Wells completed in this zone produce up to 3,000 gallons per minute. Small domestic wells often obtain their supply from above the Corcoran clay. However, groundwater above the Corcoran clay is often of poor quality. The total thickness of the Tulare Formation is about 1,400 feet. Specific yield values for water bearing deposits in the San Joaquin Valley and Delta area range from about 7 to 10 percent.

Older Alluvium. Older alluvium consists of loosely to moderately compacted sand, silt and gravel deposited in alluvial fans during the Pliocene and Pleistocene. The older alluvium is widely exposed between the Coast Range foothills and the Delta. The thickness of the older alluvium is about 150 feet. It is moderately to locally highly permeable.

Flood Basin Deposits. Flood basin deposits occur in the Delta portion of the subbasin, in the northern two-thirds of the basin. They are the distal equivalents of the Tulare Formation and older and younger alluvial units and consist primarily of silts and clays. Occasional interbeds of gravel occur along the present waterways. Because of their fine-grained nature, the flood basin deposits have low permeability and generally yield low quantities of water to wells. Occasional zones of fresh water are found in the basin deposits, but they generally contain poor quality groundwater. The maximum thickness of the unit is about 1,400 feet.

Younger Alluvium. Younger alluvium includes those deposits that are accumulating or would be accumulating under natural conditions. It includes sediments deposited in the channels of active streams as well as overbank deposits and terraces of those streams. They are present along the channel of Corral Hollow Creek and consist of unconsolidated silt, fine- to medium-grained sand, and gravel. Sand and gravel zones in the younger alluvium are highly permeable and, where saturated, yield significant quantities of water to wells. The thickness of the younger alluvium in the Tracy Subbasin is less than 100 feet.

Groundwater Level Trends

Review of hydrographs for the Tracy Subbasin indicate that except for seasonal variation resulting from recharge and pumping, the majority of water levels in wells have remained relatively stable over at least the last 10 years (DWR unpublished data; San Joaquin County Flood Control unpublished data).

Groundwater Storage

Groundwater Storage Capacity. There are no published groundwater storage values for the entire basin; however, (Hotchkiss and Balding 1971), estimated the groundwater storage capacity for the Tracy-Patterson Storage Unit at 4,040,000 af. This storage unit includes the southern portion of the currently defined Tracy Subbasin from approximately one-mile north of Tracy to the San Joaquin-Stanislaus County line. Since the Tracy Subbasin comprises roughly one third of the Tracy-Patterson Storage Unit, it can be inferred that the approximate storage capacity of the southern portion of the Tracy Subbasin is on the order of 1,300,00 af.

Groundwater in Storage. There are no published data available on the amount of groundwater in storage for this subbasin.

Groundwater Budget (Type C)

There is insufficient published data available to provide a groundwater budget for this subbasin.

Groundwater Quality

Characterization. In general, the northern part of the subbasin is characterized by a sodium water type and the southern part of the subbasin is characterized by calcium-sodium type water (Sorenson 1981). The northern part of the subbasin is also characterized by a wide range of anionic water types including: bicarbonate; chloride; and mixed bicarbonate-chloride types. Major anions in the southern part of the subbasin include sulfate-chloride and bicarbonate-chloride. Dissolved solids concentrations in well water sampled in San Joaquin and Contra Costa Counties ranged from 50 to 3,520 mg/L, with a mean of 463 and medium of 269 (Sorenson 1981). The highest TDS values were found in the central and western portion of the USGS study area which, in general, corresponds with the limits of the Tracy Subbasin. Based on analyses of 36 water supply wells in the subbasin, TDS ranges from 210 to 7,800 mg/L and averages about 1,190 mg/L.

Impairments. Areas of poor water quality exist throughout the subbasin. Areas of elevated chloride occur in several areas including: along the western side of the subbasin; in the vicinity of the City of Tracy; and along the San Joaquin River. Areas of elevated nitrate occur in the northwestern part of the subbasin and in the vicinity of the City of Tracy. Areas of elevated boron occur over a large portion of the subbasin from south of Tracy and extending to the northwest side of the subbasin.

Constituent Group ¹	Number of wells sampled ²	Number of wells with a concentration above an MCL ³
Inorganics – Primary	34	4
Radiological	39	2
Nitrates	36	2
Pesticides	36	2
VOCs and SVOCs	37	0
Inorganics – Secondary	34	18

Water Quality in Public Supply Wells

¹ A description of each member in the constituent groups and a generalized discussion of the relevance of these groups are included in *California's Groundwater* - *Bulletin 118* by DWR (2003).
 ² Represents distinct number of wells sampled as required under DHS Title 22

² Represents distinct number of wells sampled as required under DHS Title 22 program from 1994 through 2000.

³ Each well reported with a concentration above an MCL was confirmed with a second detection above an MCL. This information is intended as an indicator of the types of activities that cause contamination in a given basin. It represents the water quality at the sample location. It does not indicate the water quality delivered to the consumer. More detailed drinking water quality information can be obtained from the local water purveyor and its annual Consumer Confidence Report.

Well Characteristics

	Well yields (gal/min)						
Municipal/Irrigation	Range: 500 – 3,000 gpm with specific capac of 10 to 100 gpm/ft (Davis G.H. et al. 1964) Total depths (ft)						
Domestic	Range: 44 – 665	Average: 188 (Based on 888 well completion reports)					
Municipal/Irrigation	Range: 60 – 1,020	Average: 352 (Based on 70 well completion reports)					

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
DWR	Groundwater levels	3 semiannually
San Joaquin County Flood Control [and cooperators]	Groundwater levels	15 semiannually
DWR	Miscellaneous water quality	6 biennially
Department of Health Services and cooperators	Title 22 water quality	183 annually

Basin Management

Groundwater management: Water agencies	San Luis and Delta-Mendota Water Authority North adopted an AB 3030 plan on December 5, 1997. The Water Authority is composed of the following agencies/companies: Banta- Carbona I.D.; City of Tracy, Del Puerto W.D.; Patterson W.D.; Plain View W.D.; San Joaquin County FC&WCD West Side I.D.; and West Stanislaus I.D.
Public/Private	Naglee Burk I.D., North Delta W.A., City of Tracy, Contra Costa W.D., Diablo W.D., East Contra Costa I.D., Alameda CFC&WCD, Banta-Carbona I.D., Byron Bethany I.D., Central Delta W.A., City of Antioch WSA, City of Brentwood WSA, Pescadero R.D. No. 2058, Plain View W.D., Reclamation District No. 2039. South Delta W.A., Stockton-East W.D., The West Side I.D., West Stanislaus I.D.

References Cited

- Bertoldi, G. L., R. H. Johnston, and Evenson, K. D. (1991). "Ground Water in the Central Valley, California - A Summary Report." *Professional Paper 1401-A*, U.S. Department of the Interior, Geological Survey.
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- Hotchkiss, W. R., and Balding, G. O. (1971). "Geology, Hydrology, and Water Quality of the Tracy-Dos Palos Area, San Joaquin Valley, California." *Open-File Report.*, U.S. Department of the Interior. Geological Survey. Water Resources Division.
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Errata

Updated groundwater management information and added hotlinks to applicable

websites. (1/20/06)



USDA Natural Resources Conservation Service Web Soil Survey National Cooperative Soil Survey

MAI	PLEGEND	MAP INFORMATION
Area of Interest (AOI)	Spoil Area	The soil surveys that comprise your AOI were mapped at
Area of Interest (AOI) 👔 Stony Spot	1:20,000.
Soils	Very Stony Spot	Warning: Soil Map may not be valid at this scale.
Soil Map Unit Polygo	ns 🥎 Wet Spot	Enlargement of maps beyond the scale of mapping can cause
Soil Map Unit Lines	∆ Other	misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of
Soil Map Unit Points	Special Line Features	contrasting soils that could have been shown at a more detailed
Special Point Features	Water Features	scale.
Blowout	Streams and Canals	Please rely on the bar scale on each map sheet for map
Borrow Pit	Transportation	measurements.
💥 Clay Spot	Rails	Source of Map: Natural Resources Conservation Service
Closed Depression	Interstate Highways	Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)
Gravel Pit	US Routes	Maps from the Web Soil Survey are based on the Web Mercato
Gravelly Spot	Major Roads	projection, which preserves direction and shape but distorts
🙆 Landfill	Local Roads	distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more
Lava Flow	Background	accurate calculations of distance or area are required.
Marsh or swamp	Aerial Photography	This product is generated from the USDA-NRCS certified data a
Mine or Quarry		of the version date(s) listed below.
Miscellaneous Water		Soil Survey Area: Alameda Area, California Survey Area Data: Version 16, Sep 14, 2022
Perennial Water		Soil map units are labeled (as space allows) for map scales
Rock Outcrop		1:50,000 or larger.
Saline Spot		Date(s) aerial images were photographed: Mar 9, 2022—Mar
Sandy Spot		2022
Severely Eroded Spot	t.	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.
100		
💋 Sodic Spot		



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
LaC	Linne clay loam, 3 to 15 percent slopes	60.7	91.9%
RdA	Rincon clay loam, 0 to 3 percent slopes	5.3	8.1%
Totals for Area of Interest		66.1	100.0%



Alameda Area, California

LaC—Linne clay loam, 3 to 15 percent slopes

Map Unit Setting

National map unit symbol: hb3l Elevation: 700 to 1,700 feet Mean annual precipitation: 10 to 15 inches Mean annual air temperature: 57 degrees F Frost-free period: 240 to 260 days Farmland classification: Farmland of statewide importance

Map Unit Composition

Linne and similar soils: 85 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Linne

Setting

Landform: Hills Landform position (two-dimensional): Backslope Landform position (three-dimensional): Side slope Down-slope shape: Convex Across-slope shape: Convex Parent material: Residuum weathered from sandstone and shale

Typical profile

H1 - 0 to 36 inches: clay loam *H2 - 36 to 40 inches:* bedrock

Properties and qualities

Slope: 3 to 15 percent
Depth to restrictive feature: 20 to 40 inches to paralithic bedrock
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Moderate (about 6.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 4e Hydrologic Soil Group: C

USDA

Ecological site: R015XY008CA - Hills <20"ppt *Hydric soil rating:* No

Minor Components

Altamont

Percent of map unit: 5 percent Hydric soil rating: No

Diablo

Percent of map unit: 5 percent Hydric soil rating: No

Clear lake

Percent of map unit: 3 percent Landform: Basin floors Landform position (two-dimensional): Toeslope Landform position (three-dimensional): Talf Down-slope shape: Linear Across-slope shape: Linear Hydric soil rating: Yes

Pescadero

Percent of map unit: 2 percent Landform: Basin floors Landform position (two-dimensional): Toeslope Landform position (three-dimensional): Talf Down-slope shape: Linear Across-slope shape: Linear Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Alameda Area, California Survey Area Data: Version 16, Sep 14, 2022

Alameda Area, California

RdA—Rincon clay loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: hb4j Elevation: 10 to 600 feet Mean annual precipitation: 12 to 16 inches Mean annual air temperature: 57 degrees F Frost-free period: 260 days Farmland classification: Prime farmland if irrigated

Map Unit Composition

Rincon and similar soils: 85 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rincon

Setting

Landform: Valley floors, fans Landform position (two-dimensional): Toeslope, footslope Landform position (three-dimensional): Tread, talf Down-slope shape: Linear Across-slope shape: Linear Parent material: Alluvium derived from sandstone and shale

Typical profile

H1 - 0 to 16 inches: clay loam
H2 - 16 to 52 inches: sandy clay
H3 - 52 to 60 inches: stratified sandy loam to clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: High (about 9.5 inches)

Interpretive groups

Land capability classification (irrigated): 2s Land capability classification (nonirrigated): 4s Hydrologic Soil Group: C

USDA

Ecological site: R017XY905CA - Dry Alluvial Fans and Terraces *Hydric soil rating:* No

Minor Components

San ysidro

Percent of map unit: 5 percent Hydric soil rating: No

Clear lake

Percent of map unit: 5 percent Hydric soil rating: No

Pleasanton

Percent of map unit: 5 percent Hydric soil rating: No

Data Source Information

Soil Survey Area: Alameda Area, California Survey Area Data: Version 16, Sep 14, 2022





NATIONAL PIPELINE MAPPING SYSTEM





Alameda County Permit Portal

Locate the permit you need by searching (Default.aspx) for your address or keywords, browsing (Default.aspx) by category, or viewing our most popular (Default.aspx).

Home (Default.aspx) > Search Result

Search Result - Permit Status

 Popular Permits
 Search Address:17257 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95391

 Building Permits
 The online Building Permit data is available approximately from year 2001.

 For latest Building Permits please search here (https://acpermit.acgov.org/portal/#/search).

(BuildingPermitsResidential aspx) (BuildingPermitsResidential aspx) For all other questions please connect with us here (Contact.aspx)

Land Use & Zoning Permits (LandUsePermit.aspx)	Permit Type	Issued By / Contact	Permit Number	Issued To	Issued On	Description	Permit Status	Expiring On	Finaled On	Property Address
Business License (BusinessLicense.aspx) Food & Restaurant Permits (FoodPermit.aspx)	BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD2022- 02637	WILSON UTILITY CONSTRUCTION CO.	NOT AVAILABLE	***PLAN CHECK ONLY CASE*** GOLDEN HILLS IS UPGRADING THE TRANSMISSION LINE STRUCTURES CONNECTING THE GOLDEN HILLS WIND FACILITY TO THE PG&E SUBSTATION ALONG PATTERSON PASS ROAD. 31 STRUCTURES/ 3 PARCELS PERMIT CASES: BLD2022-03225, BLD2022-03231, BLD2022-03234	CLOSED	NOT AVAILABLE	NOT AVAILABLE	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377

Tree Permits

(TreePermit.aspx)

Encroachment & Grading Permits (GradingPermit.aspx)

Permit Type	Issued By / Contact	Permit Number	Issued To	Issued On	Description	Permit Status	Expiring On	Finaled On	Property Address
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD2022- 02964	WILSON UTILITY CONSTRUCTION CO.	NOT AVAILABLE	UPGRADE EXISTING TRANSMISSION FACILITIES BETWEEN PATTERSON SUBSTATION AND TESLA SUBSTATION FOR NEXTERA ENERGY RESOURCES.	APPLICATION WITHDRWAN	NOT AVAILABLE	NOT AVAILABLE	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377
BUILDING	ALAMEDA COUNTY (Contact.aspx)	PLN2012- 00027	PATTERSON PASS RD RANCH // DUGAN, DIANE- OWNER / MGMT COMMITTEE	NOT AVAILABLE	CONTINUED OCCUPANCY OF AN AGRICULTURAL CARETAKER DWELLING	WD	NOT AVAILABLE	NOT AVAILABLE	17257 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95391
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD2007- 03080	MULQUEENEY RANCH PROPERTIES	10/23/2007	200 AMP ELECTRICAL SERVICE UPGRADE ON PERMANENT POWER POLE FOR (E) SINGLE FAMILY DWELLING. INSTALL NEW 100 AMP SUBFEEDER TO (E) SINGLE FAMILY DWELLING. INSTALL NEW 100 AMP FEEDER TO (E) DETACHED ACCESSORY/LAUNDRY STRUCTURE. INSTALL NEW 100 AMP SUB-PANEL IN LAUNDRY STRUCTURE. INSTALL NEW 70 AMP SUBFEEDER TO DETACHED AGRICULTURAL BARN.	FINALED	10/23/2008	02/20/2008	17257 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD1988- 00129	U. S. WINDPOWER	01/15/1988	MIDWAY SUBSTATION L00 KW DIESEL GEN.&L50 A TRANS. SW - ZONING: A	FINALED	NOT AVAILABLE	04/20/1988	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377
BUILDING	ALAMEDA COUNTY (Contact.aspx)	GRD-07- 870005	US WINDPOWER	09/15/1987	NOT AVAILABLE	ISSUED	04/14/1988	NOT AVAILABLE	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377

Permit Type	Issued By / Contact	Permit Number	Issued To	Issued On	Description	Permit Status	Expiring On	Finaled On	Property Address
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD1987- 01733	U.S. WINDPOWER, INC.	07/14/1987	ELECTRICAL HOOK-UP FOR WINDPOWER CONTROL BUILDING	FINALED	NOT AVAILABLE	09/11/1987	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD1987- 01219	SAN JOAQUIN ELECTRIC	05/21/1987	CONTROL BUILDING FOR WIND ELECTRIC GENERATORS	FINALED	NOT AVAILABLE	03/08/1988	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD1987- 00506	OWNER	03/06/1987	ADD TRANSFORMER #4 TO EXISTING MIDWAY SUBSTATION - ZONING: A	FINALED	NOT AVAILABLE	06/08/1987	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD1986- 05819	OWNER	07/15/1986	UPGRADE ELECTRICAL SERVICE, COMMERCIAL - ZONING: PM	FINALED	NOT AVAILABLE	02/10/1987	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD1986- 05820	U.S. WINDPOWER	07/15/1986	MIDWAY SUBSTATION, COMMERCIAL - ZONING: PM	FINALED	NOT AVAILABLE	02/10/1987	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD1986- 05007	OWNER	04/14/1986	500 GAL. UNDERGROUND WASTE OIL TANK; COMM ZONING: A (C-4181)	FINALED	NOT AVAILABLE	02/19/1987	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377

Permit Type	Issued By / Contact	Permit Number	Issued To	Issued On	Description	Permit Status	Expiring On	Finaled On	Property Address
BUILDING	ALAMEDA COUNTY (Contact.aspx)	BLD1986- 04988	THOMAS W. SCHEPKE	04/11/1986	ERECT ONE ROHN ANEMOMETER TOWER; COMM ZONING: A (C-4180)	FINALED	NOT AVAILABLE	05/09/1986	17350 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95377

National Flood Hazard Layer FIRMette



Legend



Basemap Imagery Source: USGS National Map 2023



U.S. Fish and Wildlife Service National Wetlands Inventory

Wetlands



August 6, 2023

Wetlands



Estuarine and Marine Deepwater

Estuarine and Marine Wetland

- Freshwater Forested/Shrub Wetland
 - Freshwater Pond

Freshwater Emergent Wetland

Lake Other Riverine This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site. This 1.58 acre Freshwater Emergent Wetland habitat is classified as a PEM1C. For a complete code description, click here.

The wetlands and deepwater habitats in this area were photo interpreted using 1:65,000 scale, color infrared imagery from 1985.

Zoom to wetland

Zoom to project area

Classification code: PEM1C

System **Palustrine (P)**: The Palustrine System includes all nontidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses or lichens, and all such wetlands that occur in tidal areas where salinity due to ocean-derived salts is below 0.5 ppt. It also includes wetlands lacking such vegetation, but with all of the following four characteristics: (1) area less than 8 ha (20 acres); (2) active wave-formed or bedrock shoreline features lacking; (3) water depth in the deepest part of basin less than 2.5 m (8.2 ft) at low water; and (4) salinity due to ocean-derived salts less than 0.5 ppt.

Class **Emergent (EM)** : Characterized by erect, rooted, herbaceous hydrophytes, excluding mosses and lichens. This vegetation is present for most of the growing season in most years. These wetlands are usually dominated by perennial plants.

Subclass **Persistent (1)**: Dominated by species that normally remain standing at least until the beginning of the next growing season. This subclass is found only in the Estuarine and Palustrine systems.

Water Regime **Seasonally Flooded (C)**: Surface water is present for extended periods especially early in the growing season, but is absent by the end of the growing season in most years. The water table after flooding ceases is variable, extending from saturated to the surface to a water table well below the ground surface.

For more information on wetland classification codes click here.

This **0.37** acre **Riverine** habitat is classified as a **R4SBC**. For a complete code description, click <u>here</u>.

The wetlands and deepwater habitats in this area were photo interpreted using 1:65,000 scale, color infrared imagery from 1985.

Zoom to wetland

Zoom to project area

Classification code: R4SBC

System **Riverine (R)**: The Riverine System includes all wetlands and deepwater habitats contained within a channel, with two exceptions: (1) wetlands dominated by trees, shrubs, persistent emergents, emergent mosses, or lichens, and (2) habitats with water containing ocean-derived salts of 0.5 ppt or greater. A channel is an open conduit either naturally or artificially created which periodically or continuously contains moving water, or which forms a connecting link between two bodies of standing water.

Subsystem **Intermittent (4)** : This Subsystem includes channels that contain flowing water only part of the year. When the water is not flowing, it may remain in isolated pools or surface water may be absent.

Class **Streambed (SB)** : Includes all wetlands contained within the Intermittent Subsystem of the Riverine System and all channels of the Estuarine System or of the Tidal Subsystem of the Riverine System that are completely dewatered at low tide.

Water Regime **Seasonally Flooded (C)**: Surface water is present for extended periods especially early in the growing season, but is absent by the end of the growing season in most years. The water table after flooding ceases is variable, extending from saturated to the surface to a water table well below the ground surface.

For more information on wetland classification codes click here.

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY





RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH State Water Resources Control Board Division of Clean Water Programs UST Local Oversight Program 80 Swan Way, Rm 200 Oakland, CA 94621 (510) 271-4530

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 3603

July 29, 1994

Mr. Brian Ward US Wind Power 6952 Preston Ave Livermore, CA 94550

Dear Mr. Ward:

This letter confirms the completion of site investigation and remedial action for the former waste oil underground storage tank removed from the above site on March 1990.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721(e) of the California Code of Regulations. Please contact Ms. Eva Chu at (510) 567-6700 if you have any questions regarding this matter.

Very truly yours,

Zers-SM

Rafat Å. Shahid Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division Kevin Graves, RWQCB Mike Harper, SWRCB (with attachment) files (uswind3) CASE CLOSURE SUMMARY Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION Date: April 22, 1994 Alameda County-HazMat Address: 80 Swan Wy., Rm 200 Agency name: Phone: (510) 271-4320 City/State/Zip: Oakland Responsible staff person: Eva Chu Hazardous Materials Spec. Title: CASE INFORMATION II. Site facility name: US Wind Power Site facility address: 17350 Patterson Pass Rd, Livermore 94550 RB LUSTIS Case No:N/ALocal Case No./LOP Case No.:3603URF filing date:5/23/00SWEEPS No:N/A Phone Numbers: **Responsible Parties:** Addresses: 1. US Wind Power6952 Preston AveAttn. G. MoralesLivermore, CA 94550 2. Malgreeney Ranch P.O. Box 2053, Livermore 94550 Contents: <u>Closed in-place</u> Date: Tank <u> Size in</u> or removed?: gal.: No: 3/26/90 550 gallon Waste Oil Removed 1

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Overfilling tank w/ used transmission fluid Site characterization complete? YES Date approved by oversight agency: 4/21/94 Number: Monitoring Wells installed? NO Proper screened interval? NA Highest GW depth below ground surface: NA Lowest depth: Flow direction: NA Most sensitive current use: Irrigation Are drinking water wells affected? Unknown Aquifer name: Is surface water affected? NO Nearest affected SW name: Off-site beneficial use impacts (addresses/locations): Report(s) on file? YES Where is report(s) filed? Alameda County

80 Swan Wy., Rm 200 Oakland CA 94621

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> (include units)	<u>Action (Treatment</u> <u>Date</u> or Disposal w/destination)
Tank Piping Free Product	1 UST N A //	Taken to Erickson 3/26/90
Soil Groundwater	15 су ЛА	Bioremediated and left onsite
Barrels		

Maximum Documented Contaminant	Soil ()		s Before and After Cleanup Water (ppb) <u>Before After</u>
TPH (Gas)	ND	ND	NA
TPH (Diesel)	14	ND	II
Benzene	ND	ND	Į Š
Toluene	.0087	ND	
Ethylbenzene	ND	ND	
Xylenes	.010	ND	
Oil & Grease Heavy metals - non Other Cl-HC	700 e analyzed ND	ND	

Comments (Depth of Remediation, etc.):

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IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? YES Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? YES Does corrective action protect public health for current land use? YES Site management requirements: None

Should corrective action be reviewed if land use changes? YES Monitoring wells Decommisioned: NA Number Decommisioned: NA List enforcement actions taken: None

List enforcement actions rescinded:

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Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> (include units)	<u>Action (Treatment</u> or Disposal w/destination)	<u>Date</u>
Tank Piping Free Product	1 UST	Taken to Erickson	3/26/90
Soil Groundwater Barrels	15 CY	Bioremediated and left onsite	

Maximum Documented Contaminant	Contaminant Conc Soil (p <u>Before</u>	opm)	Before and After (Water (ppb) <u>Before After</u>	Cleanup
TPH (Gas) TPH (Di e sel)	ND 14	ND ND	NA	
Benzene Toluene Ethylbenzene Xylenes	ND .0087 ND .010	ND ND ND ND		
Oil & Grease Heavy metals - Other Cl-HC	700 none analyz ND	ND zeđ		

Comments (Depth of Remediation, etc.):

See section VII, additional comments...

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? YES Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? YES Does corrective action protect public health for current land use? YES Site management requirements: None

Should corrective action be reviewed if land use changes? YES Monitoring wells Decommisioned: NA Number Retained: NA Number Decommisioned: NA List enforcement actions taken: None

List enforcement actions rescinded:

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V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu	Title: Haz Mat Specialist			
Signature:	Date:			
Reviewed by				
Name: Jennifer Eberle	Title: Haz Mat Specialist			
Signature:	Date:			
Name: Scott Seery	Title: Sr. Haz Mat Specialist			
Signature:	Date:			
VI. RWQCB NOTIFICATION				
Date Submitted to RB:	RB Response:			
RWQCB Staff Name: Kevin Graves	Title: AWRCE			
Signature:	Date:			

VII. ADDITIONAL COMMENTS, DATA, ETC.

A 550 gallon waste transmission fluid oil UST was removed on 3/26/90. The doubled-walled (STIP-3) tank had no signs of corrosion, but the sides were stained with oil and exhibited a slight hydrocarbon odor. From these observations, soil contamination was most likely due to overfilling of the UST. A soil sample collected at 8.5' depth, beneath the tank exhibited 700 ppm TOG and 14 ppm TPH-D. The pit was overexcavated to 13 ' depth, where a soil sample analyzed did not exhibit TPH-G, TPH-D, BTEX, or Cl-HC. Even though analysis for TOG, was not performed after overexcavation. At this depth, here were transmission fluid does not contain volatile compounds. Residual TOG at a concentrate for the set of the set o

remote area. And it's slow mobility in soil is not likely affect. In groundwater, which is at least 80' bgs. (mignek to any significant degree or hence,)

15 cy of soil were bioremediated onsite. A discrete sample exhibited 77 ppm TOG and ND for TPH-D. Another soil sample was analyzed using thin layer chromatography by Friedman and Bruya, who report "there was no indication of the presence of saturated hydrocarbons that are major components of petroleum products. There might be low levels of asphalt present in this sample." The bioremediated soil was disposed, by spreading onsite.

The site is located on a peak within the Altamont Pass. A steep grade surrounds the site and it is approximately 80' above the closest road, Gomes Blvd. It is believed groundwater is in excess of 99' below grade, based on records provided by Alameda County Zone 7 Water Agency to US Windpower, Soil type found beneath the tank are highly-indurated, folded sandstones of the GVS.

Native lithologies for a site approximately one wile away and 300' lower in elevation the The subject site. With the removal of the UST and contaminated subsurface soil, as well as the apparent depth to groundwater and nature of underlying lithologies, there appears to be minimal threat to groundwater. Groundwater monitoring wells do not appear warranted.

uswind2

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CASE CLOSURE SUMMARY Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION Date: June 28, 1994 Alameda County-HazMat Address: 80 Swan Wy., Rm 200 Agency name: City/State/Zip: Oakland Phone: (510) 271-4320 Responsible staff person: Eva Chu Title: Hazardous Materials Spec. II. CASE INFORMATION Site facility name: US Wind Power Site facility address: 17350 Patterson Pass Rd, Livermore 94550 RB LUSTIS Case No:N/ALocal Case No./LOP Case No.:3603URF filing date:5/23/00SWEEPS No:N/A RB LUSTIS Case No: N/A **Responsible Parties:** Addresses: Phone Numbers: US Wind Power 6952 Preston Ave Attn. G. Morales Livermore, CA 94550 1. US Wind Power 2. Malgreeney Ranch P.O. Box 2053, Livermore 94550 <u> Size in</u> Tank Contents: <u>Closed in-place</u> Date: No: <u>qal.</u>: or removed?: 1 550 gallon Waste Oil Removed 3/26/90

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

1

Cause and type of release: Overfilling tank w/ used transmission fluid Site characterization complete? YES Date approved by oversight agency: 4/21/94 Monitoring Wells installed? Number: NO Proper screened interval? NA Highest GW depth below ground surface: NA Lowest depth: Flow direction: NA Most sensitive current use: Irrigation Are drinking water wells affected? Unknown Aquifer name: Is surface water affected? NO Nearest affected SW name: Off-site beneficial use impacts (addresses/locations):

Report(s) on file? YES Where is report(s) filed? Alameda County 80 Swan Wy., Rm 200 Oakland CA 94621

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> (include units	<u>Action (1</u>) <u>or Disposal</u>	<u>reatment</u> w/destination)	Date
Tank Piping	1. UST	Taken to H	rickson	3/26/90
Free Product Soil Groundwater Barrels	15 cy	Bioremediated a	nd left onsite	
Maximum Docu Contaminant	mented Contamin	ant Concentrations Soil (ppm) Before After	Water	d After Cleanup (ppb) After
TPH (Gas) TPH (Diesel)		ND ND 1.4 ND	NA	
Benzene		ND ND		

ND

Ethylbenzene	ND	ND
Xylenes	.010	ND
Oil & Grease	700	NA
Heavy metals -	none analy	/zed
Other Cl-HC	ND	

Comments (Depth of Remediation, etc.):

See section VII, additional comments...

IV. CLOSURE

Toluene

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? YES Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? YES Does corrective action protect public health for current land use? YES Site management requirements: None

Should corrective action be reviewed if land use changes? YES Monitoring wells Decommisioned: NA Number Retained: NA Number Decommisioned: NA List enforcement actions taken: None

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List enforcement actions rescinded:

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Name: Eva Chu
Signature: loul
Reviewed by
Name: Jennifer Eberle
signature: Muere
Name: Scott Seery
Signature:
VI. RWOCH NOTIFICATION
Date Submitted to RB: 7/6/94
RWQCB Staff Name: Kevin Graves
Signature:

Title: Haz Mat Specialist Date: 7/5/94

Title: Haz Mat Specialist Date: 7-5-94

Title: Sr. Haz Mat Specialist

Date: 7-5-94

RB Response: Title: AWRCE

Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

A 550 gallon waste transmission fluid oil UST was removed on 3/26/90. The doubled-walled (STIP-3) tank had no signs of corrosion, but the sides were stained with oil and exhibited a slight hydrocarbon odor. From these observations, soil contamination was most likely due to overfilling of the UST. A soil sample collected at 8.5' depth, beneath the tank exhibited 700 ppm TOG and 14 ppm TPH-D. The pit was overexcavated to 13 ' depth, where a soil sample analyzed did not exhibit TPH-G, TPH-D, BTEX, or Cl-HC. TOG analysis was not performed after overexcavation. At this depth, however, a concentration of 700 ppm or less is not likely to migrate to any significant degree or, hence, affect human health.

15 cy of soil were bioremediated onsite. A discrete sample exhibited 77 ppm TOG and ND for TPH-D. Another soil sample was analyzed using thin layer chromatography by Friedman and Bruya, who report "there was no indication of the presence of saturated hydrocarbons that are major components of petroleum products. There might be low levels of asphalt present in this sample." The bioremediated soil was disposed by spreading onsite.

The site is located on a peak within the Altamont Pass. A steep grade surrounds the site and it is approximately 80' above the closest road, Gomes Blvd. It is believed groundwater is in excess of 80' below grade, based on records provided by Alameda County Zone 7 Water Agency to UB Windpower for a site approximately one mile away and 300' lower in elevation than the subject site. Native lithologies found beneath the site are highly-indurated, folded sandstones of the GVS.

Name: Eva Chu 1252 Signature: Reviewed by Name: Jennifer Eberle Signature: \mathcal{W} Scott Seerv Name: Signature: RWQCB (NOTIFICATION VI. Date Submitted to RB: 7/6/94 RWQCB Staff Name:///wevin Graves Signature: 1

LOCAL AGENCY REPRESENTATIVE DATA

Title: Haz Mat Specialist Date: 7|5|94

Title: Haz Mat specialist Date: 7-5-94

Title: Sr. Haz Mat Specialist

Date: 7-5-9

RB Response: Approved Title: AWRCE Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

A 550 gallon waste transmission fluid oil UST was removed on 3/26/90. The doubled-walled (STIP-3) tank had no signs of corrosion, but the sides were stained with oil and exhibited a slight hydrocarbon odor. From these observations, soil contamination was most likely due to overfilling of the UST. A soil sample collected at 8.5′ depth, beneath the tank exhibited 700 ppm TOG and 14 ppm TPH-D. The pit was overexcavated to 13 ' depth, where a soil sample analyzed did not exhibit TPH-G, TPH-D, BTEX, or CI-HC. TOG analysis was not performed after overexcavation. At this depth, however, a concentration of 700 ppm or less is not likely to migrate to any significant degree or, hence, affect human health.

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The site is located on a peak within the Altamont Pass. A steep grade surrounds the site and it is approximately 80' above the closest road, Gomes Blvd. It is believed groundwater is in excess of 80' below grade, based on records provided by Alameda County Zone 7 Water Agency to US Windpower for a site approximately one mile away and 300' lower in elevation than the subject site. Native lithologies found beneath the site are highly-indurated, folded sandstones of the GVS. With the removal of the UST and contaminated subsurface soil, as well as the apparent depth to groundwater and nature of underlying lithologies, there appears to be minimal threat to groundwater. Groundwater monitoring wells do not appear warranted.

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		Telephone (415) 374-6794
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		Final Inspection
		Approved to operate dependent on compliance with accepted
		plans and all applicable lows and regulations.
		ALAMEDA COUNTY DIVISION CF ENVISIONMENTAL HEALTH
		470 - 27th Str. 314 Teler, Oakland, CA 94612
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CHARACTERISTIC	EXCÉPT AS NOTED	
FLATNESS	.X = ± 060	
ALIGNMENT	$XX = \pm 020$	CHECKED:
PARALLELISM	$XXX = \pm 005$ FRACTIONS = $\pm 1/16$	ISSUED:
SQUARENESS	ANGULAR = $\pm 1^{\circ}$	MECH: TITLE: WASTE OIL TANK
RUNOUT	WELDS = + 1/8	ELEC:
ANGULARITY		a.c.: MIDWAY SITE
ROUNDNESS	SURFACE FINISH MACHINED EXPOSED	MFG.:
CYLINDRICITY	125 1000	STRESS:
SYMMETRY	BREAK ALL SHARP EDGES	WGT: SHEET OF

APPENDIX E RECORDS OF COMMUNICATION



Alameda County Permit Portal

Locate the permit you need by searching (Default.aspx) for your address or keywords, browsing (Default.aspx) by category, or viewing our most popular (Default.aspx).

Home (Default.aspx) > Building Permits

Building Permits - Serving Alameda County's Unincorporated Areas

(Community incl. Ashland, Castlewood, Castro Valley, Cherryland, Fairview, Happy Valley, Hillcrest Knolls, San Lorenzo, and Sunol)

Popular Permits

Building Permits (BuildingPermitsResidential.aspx)

Land Use & Zoning Permits (LandUsePermit.aspx)

Business License (BusinessLicense.aspx)

Food & Restaurant Permits (FoodPermit.aspx)

Tree Permits (TreePermit.aspx)

Encroachment & Grading Permits (GradingPermit.aspx)

Search Building Permit(s)

Enter your Alameda County Unincorporated Area home or business address where the Building Permit(s) was issued.

Enter Address where Permit was Issued ...

Request to Review Building Permit Property File(s)

Please fill out the following request to review historical building permit files maintained by the Alameda County Building Department. These files are the collection of all building permits issued on the property through the Alameda County Building Department. Requests must be received before noon on each Wednesday. Staff will retrieve requested property files from the County storage room and notify customers by phone or email on the next working day (Thursday). Files will be kept for 10 working days at the Alameda County Permit Center (399 Elmhurst Street, Room 141, Hayward, CA) for reviewing during normal business hours. Please contact our staff at 510-670-5440 when requesting more than 4 files at one time.

Property Address with Permits	:	17257 PATTERSON PASS RD, MOUNTAIN HOUSE, CA 95391	
Customer Name	:	Tanya MacLean	
Phone Number	:	9498095080	
Email Address	:	tanya.maclean@tetratech.com	
County Staff (optional)	:		

Submit

Getting a Building Permit - Process



DEH Public Records Request

Please complete the form below in order to request a file review.

Public Records Request Form

* required field

Assessor Parcel Number *

99B-7890-2-4

Property Address Number

17257

Property Address Street *

Patterson Pass Road

Property Address City *

Mountain House/Unincorporated Alameda County

Contact Full Name *

Tanya MacLean

Contact Email*

tanya.maclean@tetratech.com

Reason for Request *

Phase I Environmental Site Assessment - interested in records related to USTs/ASTs, hazardous materials/wastes, releases, cleanups, violations, and any other records of an environmental nature.

Q

ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

• 1131 Harbor Bay Parkway Alameda, CA 94502-6577

L (510) 567-6700

()

This WIOA Title 1 financially assisted program is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. Language access is also available upon request.

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Home (/deh/index.page?) · Billing / Fees / Permits (/deh/billing-fees-permits.page?) · Collections (/deh/collections.page?) · Contact Us (/deh/contact.page?)





NOTE: Alameda County respects your desire for privacy. Personal information collected from this form is only for use in communications regarding your question or comment.

	* Indicates required field.
То:	ACFDWebmaster
* Subject:	Records Request
* Comments:	I am requesting records for USTs/ASTs, hazardous materials/wastes, releases, cleanups, violations, and any other records of an environmental nature for the following property: 17257 Patterson Pass Road (APN 99B-7890-2-4), Mountain House, Alameda
Your Name:	Tanya MacLean
security reasons, please	enter your e-mail address below:
Your E-mail Address:	tanya.maclean@tetratech.com
	Close Reset Send

For

Public Records Request

Please use this form to make a request that "reasonably describes an identifiable record or records." (Government Code § 6253) Most requests to the Air District are for records about a particular facility or address. Please enter as much information as you can below so that we understand what records you seek. Please submit a separate form for each facility or address. You may also request any other records by describing them in the "other" box. We will send you an e-mail confirming each request. We will also contact you before starting work if there will be copying or data compilation costs.

V

Request Details

Request Type *

Address Information

Facility Name (Optional, if known, please include)

Facility Address *

17257 Patterson Pass Road

Facility City *

Mountain House/Unincorporated Alameda County

Facility State *

California

Facility Zipcode (if known)

95377

Air District Facility ID (if known)

Period Covered

Print Outs

Episode

Permit Application

🗹 Violation

🗹 Complaint

For Office Use Only *

17257 Patterson Pass Road, Mountain House/Unincorporated Alameda County

Brief Description (3000 character limit) (Optional)

□ I will be sending additional documentation for this request.

(Please e-mail any additional documentation to publicrecords@baaqmd.gov and include the Request Number from the confirming e-mail you receive after you submit this request.)

V

Requested Delivery Method

Electronic Copy

Submit

MacLean, Tanya

From:	MacLean, Tanya
Sent:	Monday, April 10, 2023 9:04 AM
То:	'r5s-pra@waterboards.ca.gov'
Subject:	Records Request

I would like to review CVRWQCB files (if any found) for the following property:

• 17257 Patterson Pass Road, Mountain House, Unincorporated Alameda County CA 95377 [note: mailing address is listed as Mountain House but property is in unincorporated Alameda County]

The state water resources board website shows this property in your jurisdiction but let me know if I should also contact the SFBRWQCB.

Please contact me so I can arrange to come in and review the files or if no files are found. If there are any questions regarding this request, please email me or call me directly at 949.809.5080.

Thank you in advance for your time and help, Tanya

Tanya MacLean | Due Diligence Scientist Direct +1 (949) 809-5080 | Business +1 (949) 809-5000 | Mobile +1 (949) 310-2760 | Fax +1 (949) 809-5010 | tanya.maclean@tetratech.com

Tetra Tech, Inc. | Complex World, Clear Solutions™ |

17885 Von Karman Avenue, Suite 500, Irvine, CA 92614 | tetratech.com |

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17885 Von Karman Avenue, Suite 500 Irvine, CA 92614 Direct: (949) 809-5080 Fax: (949) 809-5010

April 10, 2023

California Environmental Protection Agency Department of Toxic Substances Control 700 Heinz Avenue, Suite 200 Berkeley, CA 94710-2721

Phone: (510) 540-2122 Fax: (510) 540-3801 berkeleyfileroom@dtsc.ca.gov

Re: Request to Review / Obtain California EPA DTSC Files

Records Department:

We are representing a client with interests in a property located in the Alameda County, California. The concern is for knowledge of hazardous materials investigations and regulatory status of the parcel. This letter is intended as a formal request for records that the California EPA, DTSC, may have for the following property addresses:

• 17257 Patterson Pass Road (APN 99B-7890-2-4), Mountain House, Alameda County CA 95377 [note: mailing address is listed as Mountain House but property is in unincorporated Alameda County]

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property.

Please contact me if no records are found, or so I can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely, Tetra Tech, Inc.

Tanna Martean

Tanya MacLean tanya.maclean@tetratech.com



17885 Von Karman Avenue, Suite 500 Irvine, CA 92614 Direct: (949) 809-5080 Fax: (949) 809-5010

April 10, 2023

California Environmental Protection Agency Department of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

Phone: (916) 255-3545 Fax: (916) 255-6447 PubRegAct@dtsc.ca.gov

Re: Request to Review / Obtain California EPA DTSC Files

Records Department:

We are representing a client with interests in a property located in the Alameda County, California. The concern is for knowledge of hazardous materials investigations and regulatory status of the parcel. This letter is intended as a formal request for records that the California EPA, DTSC, may have for the following property address:

• 17257 Patterson Pass Road (APN 99B-7890-2-4), Mountain House, Alameda County CA 95377 [note: mailing address is listed as Mountain House but property is in unincorporated Alameda County]

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property.

Please contact me if no records are found, or so I can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely, Tetra Tech, Inc.

Tanna MacLean

Tanya MacLean tanya.maclean@tetratech.com

MacLean, Tanya

From: Sent: To: Subject: Public Records <PublicRecords@baaqmd.gov> Monday, April 10, 2023 3:08 PM MacLean, Tanya 2023-04-0062

CAUTION: This email originated from an external sender. Verify the source before opening links or attachments.

Hello,

No records were found for 17257 Patterson Pass Road, Mountain House/Unincorporated Alameda County.

Best, Rochele Henderson **Bay Area Air Quality Management District** Public Records Officer **415.516.1916**

MacLean, Tanya

From: Sent: To: Subject: Dooha-Chambers, Joel, Env. Health <Joel.Dooha-Chambers2@acgov.org> Tuesday, April 11, 2023 8:54 AM MacLean, Tanya Re: PRA Request

You don't often get email from joel.dooha-chambers2@acgov.org. Learn why this is important

A CAUTION: This email originated from an external sender. Verify the source before opening links or attachments.

Thank you for contacting Alameda County Department of Environmental Health (ACDEH) Certified Unified Program Agency (CUPA) for your Public Records Act Request.

We have no ACDEH CUPA records for the address(es) you requested.

Please note that ACDEH CUPA only has files for sites within its jurisdiction and some cities within Alameda County are not part of the ACDEH CUPA jurisdiction. In those cases we advise that you contact the Fire or Planning Department of that city for any records. **Please view our Jurisdiction List in this link:**

https://deh.acgov.org/hazmat-assets/docs/CUPA-jurisdictions.pdf

-

In addition, ACDEH has other divisions which may have records for the requested address(es). I have listed the divisions below and who to contact to acquire records if relevant.

Solid/Medical Waste

Contact: LaTresca Porter at latresca.porter@acgov.org

• Operations Division (retail food, recreation, and tattoo parlors)

Contact: dehwebmain@acgov.org

Vector Control Division

Contact: Daniel Wilson at daniel.wilson@acgov.org

 Land and Water Division (Local Oversite Program (LOP) and Onsite Wastewater Treatment Systems)

The links listed below may be helpful to gather information on LOP sites. The search on the geotracker link may be conducted by address or site name. If you cannot find documents you are searching for then please contact LOP directly. *Contact: deh.loptoxic@acgov.org* <u>https://deh.acgov.org/landwater/index.page</u> <u>http://geotracker.waterboards.ca.gov/</u> Due to the COVID-19 pandemic, all requested files are provided electronically.

However, once the precautionary measures related to COVID-19 are lifted, our office may make files available by appointment for review on Thursdays and Fridays from 9:00 AM until 12:00 noon. We will keep our requestors aware of this situation as it progresses.

Please send all future requests to dehcupafilereview@acgov.org.

Please reach out to us if you have any further questions or clarifications.

Thank you, Joel Dooha-Chambers

Specialist Clerk I- Alameda County CUPA Alameda County Environmental Health 1131 Harbor Bay Parkway Alameda, CA 94502 510.567.6702 (x36702) QIC: 30440 http://deh.acgov.org/

From: dehwebmain, Env. Health Mailbox <dehwebmain@acgov.org>
Sent: Monday, April 10, 2023 9:34 AM
To: dehcupafilereview, Env. Health <dehcupafilereview@acgov.org>
Subject: FW:

From: acgovnoreply <acgovnoreply@acgov.org>
Sent: Monday, April 10, 2023 8:54 AM
To: dehwebmain, Env. Health Mailbox <dehwebmain@acgov.org>
Subject:

E-mail submitted from: Alameda County Environmental Health

Assessor Parcel Number:	99B-7890-2-4
Property Address Number:	17257
Property Address Street:	Patterson Pass Road
Property Address City:	Mountain House/Unincorporated Alameda County
Contact Full Name:	Tanya MacLean
Contact Email:	tanya.maclean@tetratech.com
Reason for Request:	Phase I Environmental Site Assessment - interested in records related to USTs/ASTs, hazardous materials/wastes, releases, cleanups, violations, and any other records of an environmental nature.

or smartphone, the local library – anywhere Internet access is available. Just go to <u>www.envirostor.dtsc.ca.gov</u>. You'll find a step-by-step tour of EnviroStor under the "How to

Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me at 916-255-4159 or via email at PubRegAct@dtsc.ca.gov.

Sincerely, Julee Mona Julee Moua **Regional Records Coordinator**

Meredith Williams, Ph.D. Director 8800 Cal Center Drive

April 11, 2023

Tanya MacLean Tetra Tech tanya.maclean@tetratech.com

Public Records Request Number: 1-041023-01 Location(s): 17257 Patterson Pass Rd, Mountain House, CA 95377

Dear Requestor:

On April 10, 2023 the Department of Toxic Substances Control (DTSC) received your email of April 10, 2023 requesting records under the Public Records Act. After a thorough review of our files, no site records were found pertaining to the sites/facilities referenced above.

A large number of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSCs data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer

Department of Toxic Substances Control

Sacramento, California 95826-3200



Gavin Newsom Governor



Yana Garcia Secretary for **Environmental Protection**





Central Valley Regional Water Quality Control Board

April 17, 2023

Tanya MacLean Tetra Tech, Inc. 17885 Von Karman Ave., Ste. 500 Irvine, CA 92614

Ms. MacLean,

In response to your Public Record Request of April 10, 2023, no records were found on the following property(s): 17257 Patterson Pass Road, Mountain House CA

The search was conducted with the GeoTracker database, available for public access at http://www.geotracker.waterboards.ca.gov/.

In addition to GeoTracker, the California Integrated Water Quality Systems (CIWQS) database was also used in the search, and is available for public access at http://www.waterboards.ca.gov/centralvalley/resources/data databases/.

In addition to GeoTracker, the California Storm Water Multiple Applications and Report Tracking System (Smarts) was also used in the search, and is available for public access at http://smarts.waterboards.ca.gov.

Thank you,

Margie Saldana Office Technician Public Records Coordinator 916-464-3291 R5S-PRA@waterboards.ca.gov

MARK BRADFORD, CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

MacLean, Tanya

From:	Bito Alarid, Naoko <naokoa@acpwa.org></naokoa@acpwa.org>
Sent:	Wednesday, April 19, 2023 10:49 AM
То:	MacLean, Tanya
Subject:	Archive file request for 17257 PATTERSON PASS RD

You don't often get email from naokoa@acpwa.org. Learn why this is important

A CAUTION: This email originated from an external sender. Verify the source before opening links or attachments.

Hello Tanya

Your archive file request is ready please see the attachment in the email. You can also clic on this link to look for records on your address <u>Permit record</u>

Search									
Search string (Record N	lumber, Address,	Parcel Number, Do	cument Name)						
17257 PATTERSON F	ASS RD								
			Search			Clear			
	spections (0)	Documents 💿							
Search result: Records Int	spections (0) Type	Documents (0)				Address		S	tatus
Records 1	Type Simple Permit:		: UPGRAD	Finaled on Fe	b 20, 2008		TERSON PASS RD, C		t atus] FIN - Finaled



Public Works Agency ——Alameda County——

Naoko Bito Alarid Alameda County Public Works Agency 399 Elmhurst Street Hayward, CA 94546 (510) 670-5440 permitbid@acpwa.org Jared Blumenfeld Secretary for

Meredith Williams, Ph.D. Director 700 Heinz Avenue Berkeley, California 94710-2721

Department of Toxic Substances Control

April 20, 2023

Tanya MacLean Tetra Tech, Inc. Tanya.maclean@tetratech.com

Public Records Request Number: 2-041023-01 Location(s): 17257 Patterson Pass Rd., (APN 99B-7890-2-4), Mountain House, Alameda County, CA 95377

Dear Ms. MacLean,

We have received your Public Records Act Request at the Department of Toxic Substances Control (DTSC). Upon thorough review of our files, we found no records pertaining to the site(s) referenced above.

For information regarding public reports on hazardous waste shipments of generators, transporters, and TSDFs, you can access our Hazardous Waste Tracking System (HWTS) online at: <u>https://hwts.dtsc.ca.gov/</u>. Select the "Reports" tab for search options. If you are interested in retrieving detailed reports, please contact the HWTS unit via e-mail: <u>hwtsreports@dtsc.ca.gov</u> or phone: 1-800-618-6942. Customized reports may require a fee. For copies of manifests, please send an e-mail to mcr@dtsc.ca.gov.

In addition, the DTSC provides access to public records online via Envirostor; another data management system that tracks our efforts in cleanup, permitting, enforcement, and investigation of known/suspected hazardous waste sites and facilities. The available data is updated in realtime. You can access Envirostor online at <u>www.envirostor.dtsc.ca.gov</u>. Navigate the website easily by clicking the "How to Use Envirostor" tab, then selecting the option "Take a Tour". If you have any questions or would like further information regarding your request, please contact me via phone: 510-540-3746 or e-mail: <u>Berkeleyfileroom@dtsc.ca.gov</u>.

Sincerely,

Christina de la Vega Regional Records Coordinator



Environmental Protection



Gavin Newsom Governor





QUESTIONNAIRE FOR PHASE I ENVIRONMENTAL SITE ASSESSMENT

Instructions for Questionnaire:

1.	Please complete the following questionnaire, sign, date, and return to:
	Tetra Tech
	17885 Von Karman Avenue, Suite 500
	Irvine, CA, 92614
	Phone: (949) 809-5000
/	Fax: (949) 809-5010
\langle	Attention: Steven God of Tanya MacLean
	E-mail: Steven.Grod@tetratech.com or Tanya.MacLean@tetratech.com

- 2. Wherever you answer "YES" please provide all relevant information either on the following pages or provide copies of relevant documents, reports, documents, and/or correspondence.
- 3. If you cannot provide the answer to a question, please indicate a person to contact who would be able to provide this information and include contact information for this individual (phone number, e-mail, etc.).
- 4. This questionnaire is intended to provide Tetra Tech, Inc. with the information required to comply with ASTM E1527-21.
- 5. Please provide complete copies of all prior reports for the property to Tetra Tech. If already provided to Tetra Tech, please note.
- 6. Please note that this completed questionnaire will be included in the appendix of the Phase I Environmental Site Assessment report to be issued by Tetra Tech, Inc. By signing, dating, and returning this document to Tetra Tech, Inc., you are acknowledging and agreeing to the inclusion of this document in Tetra Tech Inc.'s Phase I ESA report.

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TETRA TECH Tt

QUESTIONNAIRE FOR PHASE I ENVIRONMENTAL SITE ASSESSMENT

Site Name: <u>Mulqueeney Property</u> Address: 17257 Patterson Pass Road City, State, Zip Code: Alameda County CA 95377 APN: _99B-7890-2-4 (Alameda County) Reason for Phase I ESA: <u>Due Diligence</u>

Signature:

Signature

Company Name (Please Print)

Print Name and Title

Date



1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

Yes____ No____

If yes, please provide as much detail as possible about the liens against the property and provide copies of any related reports or paperwork.

2. <u>Activity and land use limitations that are in place on the site or that have been filed or</u> recorded in a registry (40 CFR 312.26)

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes____ No____

If yes, please provide as much detail as possible about the AULs present and provide copies of any related reports or paperwork.

TETRA TECH

Specialized knowledge or experience of the person seeking to qualify for the 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, please provide as much detail as possible about the specialized knowledge or experience and provide copies of any related reports or paperwork.

4. <u>Relationship of the purchase price to the fair market value of the property if it were not</u> contaminated (40 CFR 312.29)

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes <u>V</u> No____

If there is a difference, please provide as much detail as possible about the difference between the expected and actual purchase price, and any reasons this difference may be present.

TETRATECH

5. <u>Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)</u>

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

(a.) Do you know the past uses of the property?

Yes<u>V</u>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 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 V

If yes, please provide as much detail as possible and provide copies of any related reports or paperwork.

for cattle grazing -KNOWN

6.

The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of releases at the property?

Yes____ No____

If yes, please provide as much detail as possible about the indicators of releases, and provide copies of any related reports or paperwork.

TETRA TECH

7.

Is/Are/Were there any of the following?

	YES	NO "
Chain-of-Title Report		\checkmark
Environmental Liens/Activity and Use Limitations (AULs)		V
Hazardous Materials Business Plan		V
Emergency Response Plan		V
Spill Prevention Control and Contingency (SPCC) Plan		V
Community Right-to-Know Plan		V
Environmental Assessments (complete copies including all appendices)		V
Risk Assessments (complete copies including all appendices)		
Compliance Audits		
Environmental Permits / Registrations for Aboveground / Underground Storage Tanks		V
Wastewater Storage / Treatment Systems, Hazardous Materials / Waste, and		
National Pollution Discharge Elimination System (NPDES)		
Governmental Environmental Agency Notices of Violation (NOVs)		V
Regulatory Agency Correspondence		V
Notices/Conditions of Non-Compliance with Environmental Regulations		V
Pending, Threatened, or Past Environmental Litigation		~
Pending, Threatened, or Past Environmental Administrative Proceedings		V
Safety Data Sheets (SDSs)		V
Hazardous Waste Manifests / Reports		1/
Hydrogeological Reports		~
Geotechnical Reports		
Historic Maps or Drawings		1
Aerial Photographs		<u>v</u>
		V
Historical Photographs		
Fire Insurance Maps		V

If you answered YES to any of the items on this questionnaire, please provide all information and copies of relevant documents to Tetra Tech or note if already provided to Tetra Tech.
APPENDIX F RESUMES



Michael Ferrif Environmental Professional

EXPERIENCE SUMMARY

Mr. Ferrif is a project manager and environmental scientist who specializes in Environmental Site Assessments (ESAs), soil and groundwater sampling, environmental monitoring and hazardous building materials. He regularly leads and conducts groundwater and soil sampling events including training junior staff members. Mr. Ferrif has continued providing assistance and managing projects for the Targeted Brownfields Assessment (TBA) Program including complicated sites and tribal properties.

Mr. Ferrif also has experience in perfoming air monitoring using personal air monitors for worker exposure, high-volume air pumps and using real-time particulate monitoring systems and soil gas sampling.

RELEVANT EXPERIENCE

Project Manager, EPA RCRA REPA TBA Program, Region 9, December 2019-Present. Mr. Ferrif continues to manage TBA projects s under the EPA Region 9 REPA TBA program. The EPA Region 9 REPA TBA Program scope includes Phase I ESAs, Phase II ESA investigations and reports, Analysis of Brownfields Cleanup Alternatives to evaluate clean up alternatives to address environmental impacts and the production of fact sheets. Since the program started he has successfully completed four TBA projects.

Field Team Lead, EPA Response Assessment and Evaluation Services (RAES) Task Order 023, Navajo Nation, December 2021. Mr. Ferrif was Tetra Tech's field team member during the demolition and removal of homesite RV-013 for Task Order 23 Contaminated Structures Program. Mr. Ferrif participated in a small field team providing real-time airborne particulate monitoring in support of demolition activities and utilizing gamma equipment to screen soils and equipment following the demolition and grading of the former homesite. The EPA expressed their satisfaction with the field team's professionalism and efficiency in performing the monitoring and sampling work at the RV-013 site

EDUCATION

B.A., Political Economy of Industrial Societies, University of California, Berkeley M.S., Environmental Science, University of Sydney, Australia

AREAS OF EXPERTISE

Hazardous Building Materials Assessments Environmental Monitoring Construction Oversight Phase I & II Environmental Site Assessments Soil Sampling Groundwater Sampling

KEY TRAINING/ CERTIFICATIONS

40-Hour OSHA HAZWOPER, 2017, 8-Hour Refresher, 2022 EM385-1-1 and 30-Hour OSHA Construction Safety, 2019 Tetra Tech Radiation Safety Training Tetra Tech 4-Hour Confined Space Entry Training CPR/First Aid Certified Tetra Tech PM Level 2

OFFICE

Oakland, California

YEARS OF EXPERIENCE

8

CONTACT

510-302-6320

Field Team Lead, Militarty Ocean Terminal Concord (MOTCO) Site 38 Remedial Invesitgation, May – **August 2021.** Mr. Ferrif acted as the field team lead during a remedial investigation (RI) at MOTCO Site 38 consisting of 50 test pit excavations, 51 soil borings and the installation of 10 new groundwater monitoring wells. Mr. Ferrif coordinated with the unexploded ordinance support team and MOTCO personnel to direct the excavation and drilling crews. The field effort was completed ahead of schedule and Mr. Ferrif continues to assist the project by leading the quarterly groundwater sampling efforts.

Field Team Lead, MOTCO Litigation Area, January 2021 – Present Mr. Ferrif provides field support with the many sampling events and ongoing monitoring occurring at the MOTCO Litigation Area. Mr. Ferrif conducts surface water, groundwater, soil, sediment and invertebrate tissue sampling as part of the ongoing monitoring of the site.

Site Surveyor, Phase 1 Environmental Site Assessments (ESA), Private Client, 2018-Present. Tetra Tech conducted various Phase 1 ESAs for confidential client in and around the San Francisco Bay Area, CA. Mr. Ferrif conducted the site visit and provided the on-site questionnaire and photo logs for various locations following the standard guidance set forth by the ASTM Standard E 1527-13 for Phase I ESAs and the US EPAs All Appropriate Inquiries Rule (40 CFR Part 312).

Project Manager, EPA Response Assessment and Evaluation Services (RAES) Project, Navajo Nation, May 2019-February 2020. Mr. Ferrif was Tetra Tech's project manager and field team member for Task Order 21 under the EPA RAES program. Mr. Ferrif coordinated with the EPA and subcontractors to provide environmental monitoing during a Time-Critical Removal Action at the Mesa II complex uranium mine site in th Lukachukai Mountains in the Navajo Nation. Mr. Ferrif oversaw and participated in a small field team providing real-time airborne particulate monitoring in support of erosion repair and avoidance action activities, utilizing gamma and XRF scanning equipment to screen soils prior to disturbance to identify contamination hotspots and confirm suitable borrow sources. The Task Order was completed and reporting requirements met in February 2020.

Field Team Lead, EPA Feasability Study Iron King Mine and Humboldt Smelter Superfund Site, Dewy-Humboldt, Arizona, November 2018. Mr. Ferrif lead the field team of seven environmental professionals for a week of field activities related to an ongoing feasibility study. Field activities included coordinating subcontractors and Tetra Tech field staff to collect surfacewater and groundwater samples (including some wells that were 200+ feet deep, conduct geotechnical drilling and test excavations, collect surface soil samples and complete a building survey of 15 abandoned buildings/foundations.

Field Team Lead, CalRecycle Fire Incidents, Sonoma County, California, January-April 2018. Mr. Ferrif acted as the field team leader under the Ashbrit contract for during the wildfilre cleanup efforts in Sonoma County. He oversaw field teams conducting initial site assessments and collecting confirmation soil samples. Mr. Ferrif performed site assessments and collected soil samples at numerous locations and provided additional support for field operations at the Fire Incident. Mr. Ferrif provided database and records support for the Fire Incident and aided in data processing of soil sample results

ENPRO Environmental

Prior to joining Tetra Tech, Mr. Ferrif gained experience as an environmental consultant in Hawaii with ENPRO Environmental. Mr. Ferrif worked as a part of a small team offering a wide range of environmental consulting services including Phase I Environmental Site Assessments, indoor air quality assessment and remediation, hazardous building materials assessment, management and abatement, contaminated soil and groundwater assessment, management and mitigation.

As project manager, Mr. Ferrif

- Prepared Sampling and Analysis Plans, Health and Safety Plans, Hazardous Materials Management Plans, Work Plans, and technical reports following investigations as necessary.
- Coordinated with and managed subcontractors for various projects such as fungal remediation, underground storage tank removal, hazardous material abatement and characterization of large quantities of soil for disposal/reuse.
- Coordinated with general contractors, subcontractors, analytical laboratories, federal and state agencies to complete large scale remediation and abatement projects.
- Assisted in the training of new employees including coaching on client relations, technical report preparation and sampling/assessment techniques during site inspections.
- Conducted air monitoring during asbestos and lead based paint abatement projects using high volume pumps for asbestos clearance and low volume personal pumps for worker exposure monitoring.

- Conducted multi-increment soil sampling to support the development of EHE/EHMPs for ongoing projects and/or soil characterization for disposal or reuse.
- Consulted on and provided remediation and abatement plans for hazardous building materials and indoor air quality for commercial and residential clients.
- He provided monitoring and consulting for federal projects at various US military bases around Hawaii.
- Assisted in the removal and disposal of a leaking underground storage tank including contaminated soil management and confirmation sampling following excavation.
- Completed asbestos work plans for complicated asbestos disturbing/abatement projects such as the installation of a gas collection system in asbestos containing areas of a landfill.

EMPLOYMENT HISTORY

- 2017 Present Tetra Tech, Inc., Oakland, CA
- 2014 2017 ENPRO Environmental, Honolulu/Kailua, HI
- 2014 Aquarist at Wiakiki Aquarium, Honolulu, HI



Tanya MacLean Due Diligence Scientist – Environmental Scientist

EXPERIENCE SUMMARY

Ms. MacLean has been primarily responsible for conducting Phase I Environmental Site Assessments (ESAs) and tenant audits since August 2005. Specific duties involve the completion of historical public record/photo reviews, review and evaluation of computer-compiled government agency databases, on-site reconnaissance, interviews, review of hydrogeological and wetlands information, preliminary asbestos-containing materials (ACM) surveys, preliminary lead-based paint surveys, data interpretation, evaluation of recognized environmental conditions (RECs) and environmental concerns, and report preparation. Ms. MacLean has also performed field oversight of groundwater monitoring activities for a former industrial property.

RELEVANT EXPERIENCE

SITE ASSESSMENT

- Phase I ESA, Confidential Client, Kern County, California, 2020. Performed inspection, agency review, and report write-up and data compilation for a Phase I ESA in 2020 for a property in Kern County, CA. Property was comprised of a design, research and development, and manufacturing facility totaling 9.32 acres.
- Phase I ESA, Confidential Client, Los Angeles County, California, 2020. Performed inspection, agency review, and report write-up and data compilation for a Phase I ESA in 2020 for a property in Los Angeles County, CA. Property was comprised of a research and development facility totaling approximately 10,000 square feet.
- Phase I ESA, Confidential Client, San Bernardino County, California, 2020. Performed inspection, agency review, and report write-up and data compilation for a Phase I ESA in 2020 for a property in San Bernardino County, CA. Property was comprised of a sand and gravel processing facility totaling approximately 100 acres.
- Phase I ESA, Confidential Client, Los Angeles County, California, 2020. Performed inspection, agency review, and report write-up and data compilation for a Phase I ESA in 2020 for a property in Los Angeles County, CA. Property was comprised of school facility totaling approximately 28 acres.
- Phase I ESA, Confidential Client, Los Angeles County, California, 2020. Performed inspection, agency review, and report write-up and data compilation for a Phase I ESA in 2020 for a property in Los Angeles County, CA. Property was comprised of agricultural property totaling approximately 14 acres.

EDUCATION

BS, Environmental Science, Minor in Biology, University of Waterloo – Waterloo, Ontario, Canada, 2000

AREA OF EXPERTISE

Environmental Assessment

TRAINING/CERTIFICATIONS

OSHA 40-hour Hazardous Waste Site Health and Safety Training (29 CFR 1910.120)

OSHA 8-hour HAZWOPER Training (29 CFR 1910.120)

OFFICE

Irvine, California

YEARS OF EXPERIENCE

15 years

YEARS WITHIN FIRM

15 years

CONTACT

Direct: (949) 809-5080 tanya.maclean@tetratech.com

- Phase I ESA, Confidential Client, Ventura County, California, 2016, 2018, and 2019. Performed inspections, agency reviews, and report write-up and data compilation for Phase I ESAs in 2016, 2018, and 2019 for a property in Ventura County, CA. Property was comprised of a wind energy facility totaling approximately 1,500 acres.
- Phase I ESA, Confidential Client, Clark County, Nevada, 2013 and 2014. Performed inspections, agency reviews, and report write-up and data compilation for Phase I ESAs in 2013 and 2014 for a property in Clark County, NV. Property was comprised of a natural gas-powered, combined-cycle electricity generating facility totaling 90 acres.
- Phase I ESAs, Los Angeles Department of Water and Power (LADWP), Multiple locations in Los Angeles/Kern/Inyo Counties, CA, 2008 and 2009. Performed inspections, agency reviews, and report write-up and data compilation Phase I ESAs for a total of 31 properties to date for LADWP including a 23-Site portfolio in the Bishop/Big Pine area of Inyo County.
- Phase I ESA, Various Clients, Southern California, Arizona, Nevada, and Oregon, 2005present. Performing inspections, agency reviews, and report write-up and data compilation for Phase I Environmental Site Assessments for various clients, including lending institutions, large corporations, and private clients on hundreds of sites including gasoline stations, dry cleaners, large industrial properties, and commercial and residential properties.
- **Tenant Inspection Program, Nationwide, 2005-Present.** Performing inspections, data entry, and report write-up, review, and finalizing for tenant audits of warehouse, light industrial, and commercial facilities at a number of business parks in Arizona, California, Colorado, Florida, Georgia, Illinois, Nevada, New Jersey, North Carolina, Oregon, Pennsylvania, Tennessee, Texas, and Washington.



Steven Grod Senior Project Manager

EXPERIENCE SUMMARY

Mr. Grod has 30 years of experience in the conducting of environmental studies in the United States. This experience includes property transfer evaluation of individual residential, commercial, industrial, manufacturing, and energy properties, portfolios primarily across the western United States, and soil and groundwater characterization. Currently, Mr. Grod serves as a Senior Project Manager of Tetra Tech Inc.'s Irvine, California office. As Senior Project Manager, Mr. Grod is responsible for performing and/or overseeing/ supervising environmental assessments, environmental sampling, compliance audits, regulatory records research and review, subsurface investigations, and preparation of AutoCAD-based drawings.

RELEVANT EXPERIENCE

ENVIRONMENTAL ASSESSMENT

- Phase I Environmental Site Assessments (ESAs). Manages and/or performs Phase I ESAs for a variety of properties including residential, commercial, industrial, manufacturing, oil field, and energy properties. Property types have included energy facilities (wind, solar, steam and power cogeneration [natural gaspowered combined-cycle electricity generating], and hydro-electric facilities), multitenant/strip mall shopping centers, multi-level anchor-store shopping malls, highrise office buildings, dry cleaners, gasoline/service stations, metal and powder coating facilities, wire manufacturing facilities, injection molding facilities, medical and biological research and development facilities, aerospace facilities, computer parts manufacturing facilities, an ink manufacturing facility, plastics manufacturing facilities, and a construction company equipment yard and maintenance facility (located within an oil field; with oil wells on-Site).
- Tenant Inspection Program, Nationwide, 2005-Present. Manages the performance of quarterly tenant inspection reviews of approximately 150 million square feet of tenant space in 29 major city regions nationwide. Has conducted tenant inspections at properties in the following regions: Los Angeles CA, Northern California, Atlanta GA, Dallas TX, Denver CO, Harrisburg PA, Kansas City KS, and Portland OR. Also performs data entry, report write-up, review, and finalizing reports.
- TC LA Healthcare Development, Inc., Commercial Property, Pasadena, CA. Project Manager for a Phase I ESA of an approximately 0.45-acre Site occupied by multiple tenants including food establishments and a gym. Historical uses of the Site included residential and light industrial uses (including a facility that performed dry cleaning). Several previous subsurface investigations as well as remedial activities were performed with respect to volatile organic compounds (VOCs) in soil gas, and a no further action letter for the case was subsequently issued by the California Regional Water Quality Control Board – Los Angeles Region (LARWQCB). Several historical uses at adjacent properties were considered to be off-Site recognized environmental conditions (RECs) to the Site including a dry cleaner, bulk oil storage and depot facilities, and an industrial property that included plating and manufacturing activities. Soil and soil gas sampling and analyses were subsequently performed at the Site.
- Velco Tool & Die, Inc., Light Industrial Property, Lake Forest, CA. Project Manager for a Phase I ESA of an approximately 3.2-acre Site occupied by two tenants that were in process of moving out of the building. A majority of the Site building was occupied by a company that designed and developed prototype radiocontrolled model cars and trucks. Equipment formerly used by the tenant included a computer numerical controlled (CNC) milling machine, a manual milling machine,

EDUCATION

BS, Oceanography, Humboldt State University, Arcata, CA

AREA OF EXPERTISE

Environmental Assessment

TRAINING/CERTIFICATIONS

OSHA 40-hour Hazardous Waste Site Health and Safety Training (29 CFR 1910.120)

OSHA 8-hour HAZWOPER Training (29 CFR 1910.120)

AHERA Certified Building Inspector

OFFICE

Irvine, California

YEARS OF EXPERIENCE

30

YEARS WITHIN FIRM

17

CONTACT

Direct Phone: (949) 809-5076

Steven.Grod@tetratech.com

a manual lathe, a band saw, a belt sander, and a drill press, which were used for prototype development activities. Several

areas of minor staining were observed on the concrete floor in the warehouse area of the Site building, including minor lubrication oil staining areas of less than approximately 10 square feet in the former area of the CNC milling machine, white staining below a sink, and white/rusty staining below a piece of unidentified equipment wrapped for shipping. The observed staining was considered to be a *de minimis* condition. The project was completed on time and within budget. Historical uses of the Site included agricultural and light industrial uses. Based on the results of the Phase I ESA, no further assessment or investigation was recommended.

- TC LA Development, Inc. and LA Brickyard, LLC, Industrial Property, Compton, CA. Project Manager for a Phase I ESA of an approximately 60-acre Site occupied by a number of tenants whose activities include asphalt and concrete recycling operations, brick storage, a small redi-mix-type facility, pipe storage, and a truck maintenance facility. Historical uses of the Site included agricultural land, clay mining, and brick manufacturing and storage. Two localized areas of groundwater at the Site were historically reported to have somewhat elevated concentrations of benzene and trichloroethene (TCE). Based on the results of the Phase I ESA, Tetra Tech was contracted by the client to perform additional work/investigation which included a remedial action plan, human health risk assessment, soil management plan, groundwater monitoring, underground storage tank removals, remedial action completion report, corrective measures report, and groundwater monitoring well abandonment. The additional work/investigation use performed with oversight by the Los Angeles County Fire Department, Health Hazardous Materials Division-Site Mitigation Unit (LACFD HHMD-SMU), which issued a Site-wide no further action letter for the project. The client filed a notice of environmental condition and environmental restriction for the Site with the Los Angeles County Recorder's office for an area on the Site where impacted soil was to remain in place. The Site was subsequently redeveloped with two industrial warehouse buildings.
- City of Industry, Municipal Park Properties, Los Angeles County, CA. Project Manager for a Phase I ESA portfolio of seven municipal park Sites totaling approximately 87 acres. The Phase I ESAs were part of a multi-benefit stormwater capture project for the Upper San Gabriel River Enhanced Watershed Management Program. In general, historical records indicated fill material of unknown origin was located at the Sites and considered to be a potential environmental concern. Based on the results of the Phase I ESA, sampling and analyses of fill material for chemicals of potential concern (COPCs) was recommended.
- Palmdale School District, Vacant School Facility, Palmdale, CA. Project Manager for a Phase I ESA of an approximately 28-acre vacant school Site. The Site was developed with three buildings, basketball courts, a partially constructed running track/football field that was overgrown with vegetation, a partially constructed baseball field that was overgrown with vegetation, a storm water basin, and vacant land that is overgrown with vegetation. The Site was undeveloped land prior to construction of the school. Non-hazardous debris (wood, plastic, paper debris, etc.) was observed scattered throughout the undeveloped southern portion of the Site. Dirt piles were observed on the western part of the undeveloped southern portion of the Site. Dirt piles were observed on the western part of the undeveloped southern portion of the school areas of the dirt piles. When the school becomes active and operational, wastewater from the science laboratories would be discharged to two underground neutralization tanks prior to discharge to the municipal sewer system. Since the school had never been occupied, the underground neutralization tanks had never been used. The project was completed on time and within budget. Based on the results of the Phase I ESA, no further assessment or investigation was recommended.
- City of Industry, Municipal Park Properties, Los Angeles County, CA. Project Manager for a Phase I ESA portfolio of seven municipal park Sites totaling approximately 87 acres. The Phase I ESAs were part of a multi-benefit stormwater capture project for the Upper San Gabriel River Enhanced Watershed Management Program. In general, historical records indicated fill material of unknown origin was located at the Sites and considered to be a potential environmental concern. Based on the results of the Phase I ESA, sampling and analyses of fill material for chemicals of potential concern (COPCs) was recommended.
- The Trust For Public Land, Three Agricultural Ranch Properties, Imperial County, CA. Project Manager for three Phase I ESAs of active agricultural ranch properties totaling approximately 1,553-acres. The Sites were undeveloped land prior to use as agricultural ranch properties. Based on the results of the Phase I ESAs, Tetra Tech recommended removing and disposing stained soil by a diesel aboveground storage tank (AST) and where farming equipment was parked/stored in accordance with all applicable local, state, and federal regulations and laws, including post-remediation confirmation soil sampling/analysis. Tetra Tech also recommended that if a higher degree of confidence was needed by the client with respect to on-Site farm equipment maintenance areas and septic systems, a subsurface investigation should be conducted.
- Environmental Sampling. Performed or assisted with AHERA, modified AHERA, and comprehensive asbestos surveys
 in residential, commercial and industrial buildings, modified HUD lead-based paint sampling utilizing wipe sampling and chip
 sampling techniques, lead-based paint surveys using gamma ray spectrometer, radon gas sampling, and lead in drinking
 water sampling, soil and groundwater sampling.
- Regulatory Agency Records Reviews. Reviewing of records for Sites that have included National Priority List (NPL; also known as Superfund) sites. Additional regulatory agency records reviews have been performed for cases pertaining to soil, soil gas, and/or groundwater impacted with hazardous substances that are overseen by regional and local regulatory agencies. Specific property types for the cases have included a former oil refinery, existing and former landfills, dry cleaning facilities, gasoline/service stations, historical manufacturing facilities, and aerospace/related facilities.



Mr. Feldman is a geologist and geochemist with 29 years of professional experience focusing on the characterization, remediation, and regulatory closure of environmentally impacted properties. His experience ranges from environmental due diligence investigations to characterization and remediation of large, complex sites with multiple environmental concerns and a significant regulatory component. Mr. Feldman's broad range of experience and strong technical background enable him to work effectively with colleagues in other disciplines, including engineers, toxicologists, biologists, and chemists, as well as clients and the regulatory community. Mr. Feldman manages projects and serves as a senior technical resource.

RELEVANT EXPERIENCE

Former Aluminum Plant, Torrance, California – Project manager and technical lead for investigation and remedial planning for a former aluminum forging and extrusion facility impacted by chlorinated solvents, hexavalent chromium, and 1,4-dioxane. The site is regulated under RCRA. The initial work performed or led by Mr. Feldman included installation of background monitoring wells and development of a Groundwater Corrective Measures Study (the functional equivalent of a Feasibility Study). The Tetra Tech team worked closely with the client and regulatory agency personnel to complete the study under a tight approval deadline. The final document won praise for timeliness and quality from both the client and the agency. Subsequent work at this site has included

Mark Feldman, CHG CEG

Principal Geologist

Education: MS, Geology, Arizona State University, Tempe, AZ

BS, Geology, University of California, Los Angeles, CA

Registrations/Certifications:

California, Professional Geologist, No. 7349

California, Certified Hydrogeologist, No. HG747

California, Certified Engineering Geologist, No. EG2387

Professional Affiliations

Member, Geological Society of America

Member, National Ground Water Association

Years of Experience: Twenty-nine

Years with Tetra Tech: Twenty-three

development of a Human Health Risk Assessment Addendum to address potential vapor intrusion issues; development and implementation of a Remedial Design Investigation, a focused investigation designed to fill significant data gaps in the conceptual site model; cooperative groundwater modeling with consultants for an adjacent site for settlement purposes; development of the Statement of Basis (the functional equivalent of a Record of Decision) and CEQA Initial Study for the groundwater remedy; performing additional soil vapor and indoor air sampling to address changes in the inhalation toxicity factors for TCE; aquifer testing; development of a Corrective Measures Implementation Work Plan; and routine groundwater monitoring and site maintenance.

Former Rocket Motor Test Facility, Riverside County, California — Project manager and technical lead for investigation of a former rocket motor test facility with multiple areas of perchlorate-, chlorinated solvent-, and 1,4-dioxane-impacted soil and/or groundwater. The lead regulatory agency for this project is the California Department of Toxic Substances Control (DTSC). Work performed or led by Mr. Feldman has included a major soil and groundwater investigation to fill data gaps in the conceptual site model using the USEPA Triad approach; characterization of groundwater in an off-site riparian corridor; aquifer testing, including three constant rate aquifer tests and slug tests on more than 50 groundwater monitoring wells; numerical groundwater flow and contaminant transport modeling; a quantitative monitored natural attenuation evaluation; human health and ecological risk assessments; design and implementation of a treatability study to evaluate in situ bioremediation of perchlorate in soil and groundwater; development of the Feasibility Study which established the proposed remedy; development of the Remedial Action Plan and Environmental Impact Report for the proposed remedy; development of the 30% Design for the proposed remedy, and routine groundwater monitoring and site maintenance.

Former Aerospace Facility, Costa Mesa, California — Project manager and technical lead for characterization and remediation of a former aerospace manufacturing facility with multiple areas of chlorinated solvent-impacted soil gas, soil, and groundwater, which was being considered for residential development. Cone penetration testing and discrete-depth groundwater sampling found a groundwater plume characterized by persistent, moderately high TCE concentrations underlain by a relatively small area with TCE concentrations near 100,000 μ g/L. Other areas of the site were also investigated, and were found to have not contributed significantly to groundwater contamination. An in situ chemical

Mark Feldman, CHG CEG



Principal Geologist

oxidation (ISCO) treatability study using potassium permanganate was subsequently conducted and was used as the basis for developing a Corrective Action Plan to address groundwater remediation and a Soil Management Plan to address the potential for discovery of previously unknown contamination during site redevelopment. After full-scale ISCO implementation and post-remediation groundwater monitoring, the site was closed by the Santa Ana RWQCB.

Superfund Site, San Fernando Valley, California — Technical lead for two projects at a federal Superfund site in the San Fernando Valley. The lead agencies for this site are the USEPA and the Los Angeles Regional Water Quality Control Board. The first project was an investigation to address high residual VOC concentrations detected in soil vapor after the cessation of vapor extraction at the site. Work consisted of two rounds of soil sampling and deep soil vapor monitoring probe installation to define the extent of residual VOCs in soil and soil vapor located in the immediate vicinity of fine-grained soil horizons at two former source areas. Ongoing work includes the vapor extraction testing and the design of a focused vapor extraction system to address the residual contamination. The second project is a focused feasibility study to address the impacts of the emerging compounds 1,4-dioxane and hexavalent chromium on the pump-and-treat remedy for the site. This work has included refinement of the conceptual site model, groundwater modeling to evaluate various groundwater extraction scenarios, and the development of remedial improvement alternatives to address

Vehicle Maintenance Facility, Los Angeles, California — Project manager and technical lead for site characterization and remedial action plan development at an active vehicle maintenance facility with PCE-impacted groundwater. The lead agency for this site is the Los Angeles Regional Water Quality Control Board. Previous investigations found relatively high, persistent concentrations of PCE in groundwater at the site, which is located immediately downgradient from a former dry cleaning facility. Site characterization work included direct-push soil and groundwater sampling to complete characterization of on-site PCE impacts, and a soil gas survey to assess potential vapor intrusion concerns. These results, combined with the results of previous investigations, strongly suggested that the source of the PCE was the former dry cleaning facility rather than releases from the site. The lead agency subsequently issued an investigation order pursuant to the California Water Code to the owner of the upgradient dry cleaner, and subsequent investigations found PCE concentrations greater than 1,000,000 µg/kg in soil at the dry cleaner. A remedial action plan to address on-site migration of the off-site PCE source and on-site impacts due to fuel releases is currently under development.

High-Rise Condominium Project, San Diego, California — Project manager and technical lead for the characterization and remediation of metals-impacted soil at a property in downtown San Diego that was being redeveloped as a high-rise condominium complex. The lead agency for this site was the San Diego County Department of Environmental Health. Work for this project included developing a site mitigation plan, characterizing the extent of impacted soils, developing site-specific cleanup goals for lead and cadmium, and remediation of the site by excavation and off-site disposal of the impacted soil in two phases: one for the on-site area, and one for the area beneath the adjacent public sidewalks. On-site x-ray fluorescence analysis of lead was used throughout this project to expedite the identification and removal of lead-impacted soils. Based on the results of post-remediation confirmation sampling, the site was closed by the lead regulatory agency.

Former Dry Cleaning Facility, Northridge, California — Technical lead for characterization and remediation of PCE-impacted soil at a former dry cleaning facility. The lead agency for this site was the Los Angeles Regional Water Quality Control Board. Work included characterization of the extent of PCE-impacted soil, developing remedial cost estimates for use by legal counsel in a cost-recovery lawsuit, conducting a vapor extraction feasibility study, developing site-specific cleanup goals for the protection of water resources, developing a remedial action plan which addressed both water quality and human health concerns, and developing a vapor extraction system design which addressed impacts to both shallow clayey soils and deeper sandy soils, and which could be used without modification after the completion of remediation to mitigate potential vapor intrusion concerns. After operating the vapor extraction system for approximately two years and conducting post-remediation rebound testing, the site was closed by the lead agency.



Mark Feldman, CHG CEG

Principal Geologist

Active Printed Circuit Board Manufacturing Facility, Canoga Park, California — Project manager and technical lead for the characterization and remediation of soil impacted by lead, chromium, nickel, and copper at an active printed circuit board manufacturing facility. The lead agency for this site was the California Department of Toxic Substances Control. Work performed included precision locating and leak testing of a PVC floor drain system, investigation of numerous potential release locations, and excavation and off-site disposal of all identified areas of metals-impacted soil. All work on this project was performed while the plant was operating or during scheduled maintenance shutdowns. As a result, the client was able to satisfy all regulatory agency requirements and obtain site closure while maintaining production quotas.

Former Aerospace Manufacturing Facility, Pomona, California — Project manager and technical lead for characterization, remediation, and closure of a 20-acre former aerospace manufacturing facility which was being redeveloped for single-family residential development. The lead agency for the site was the Los Angeles County Fire Department. Investigation of the site found several areas of low-level chlorinated solvent, petroleum hydrocarbon, and metals impacts in soil. These data were used as the basis for conducting a human health risk assessment with oversight from the California Office of Environmental Health Hazard Assessment (OEHHA). Based on the risk assessment results, a vapor extraction system was installed and operated for a period of one month to remediate two chlorinated solvent hot spots. Soil closure was then granted by the Los Angeles County Fire Department. To satisfy Los Angeles Regional Water Quality Control Board concerns regarding groundwater, three monitoring wells installed and sampled. These results were used as the basis for obtaining groundwater closure for the site from the Los Angeles Regional Water Quality Control Board and the Los Angeles County Fire Department.

Multiple Oil Field Projects, Huntington Beach, California — Project manager and technical lead for ten projects involving the redevelopment of 200 acres of former oil field property in Huntington Beach, California as residential communities. The lead agency for these sites was the Huntington Beach Fire Department. Mr. Feldman's responsibilities included overall project management and technical direction of the project, acting as primary client contact, and serving as regulatory agency liaison on behalf of the client. Soil remediation for all of these projects was performed in conjunction with mass grading, and involved excavation, segregation, and blending of up to 20,000 cubic yards of soil per day. Based on the results of post-remediation confirmation sampling, all of the sites were closed and have since been redeveloped.

Former Burn Dump, Vista, California — Task manager for investigation of a former burn dump landfill which had been repurposed as a Little League baseball field. The lead agency for this site was the California Department of Toxic Substances Control. Potential concerns at the site included burn waste with high lead concentrations that was locally exposed at the ground surface, potential groundwater impacts from the waste, potential methane and VOC impacts in soil gas, and potential dioxin impacts, both on-site and in an adjacent creek. Work included excavating test pits and drilling soil borings to assess the extent of burn waste, inert waste, and construction debris that had been used as fill prior to constructing the baseball field; installing groundwater monitoring wells; conducting a soil gas survey to evaluate both methane and VOCs; and conducting surface water and sediment sampling. The investigation successfully characterized the extent of the former burn pits and other waste, and found that groundwater, sediment, and soil gas were not significantly impacted. The investigation results were used to develop a plan for capping the former landfill.

Former Tank Farm, Richmond, California — Project manager and technical lead for a project involving the redevelopment of a former tank farm property as a multifamily residential community. The lead agency for this site was the San Francisco Bay Regional Water Quality Control Board. The property had been mired in regulatory red tape for years as a result of earlier remediation activities, which included placing petroleum-impacted soil in "repositories" which were subsequently classified as Class II landfills by the lead agency. Mr. Feldman developed an approach for obtaining agency closure for the site which included redrawing parcel boundaries to exclude the "repositories" from the site, conducting additional soil sampling in areas where impacted soil had been left in place during the prior remediation activities, and conducting a human health risk assessment to show that impacted soil remaining in place was not



Principal Geologist

significant health risk. Based on this work, the lead agency issued a closure letter for the property, which allowed the client to obtain financing for the redevelopment project.

Environmental Due Diligence, 13,000-Acre Portfolio, California — Mr. Feldman managed environmental due diligence investigations related to the acquisition of a portfolio of California properties totaling approximately 13,000 acres. The portfolio included former oil field properties, commercial and residential properties, and undeveloped land. This project involved performing 36 Phase I Environmental Site Assessments, 11 Phase II investigations, 10 geotechnical investigations, remediation cost estimating, assisting the client in negotiating environmental indemnifications with the seller, and providing extensive technical support to legal counsel.

Environmental Due Diligence, 1,300-Acre Portfolio, Multiple States — Mr. Feldman managed environmental due diligence investigations related to the acquisition of a portfolio of ten properties totaling 1,300 acres in California, Texas, and Mississippi. The portfolio included several properties located within the Norton Air Force Base NPL site, and a property formerly used by the U.S. Army for munitions manufacturing and testing during World War II. In addition, several properties included wetlands and/or threatened and endangered species habitat. Mr. Feldman coordinated the environmental due diligence activities, including biological constraints surveys, and was responsible for review and analysis of previous studies conducted by the U.S. Air Force and U.S. Army, which included site characterization, site remediation, and groundwater monitoring work.

Per- and Polyfluoralkyl Substances Screening Investigations, Southern California – Project manager and technical lead for per- and polyfluoralkyl substances (PFAS) screening investigations at three sites in southern California. Work included the development of sampling and analysis plans (including sections on avoiding cross-contamination from field equipment and common consumer products), quality assurance project plans, oversight of field work, and reporting.

PFAS Training, Los Alamos Legacy Cleanup, Los Alamos, New Mexico – Developed and presented a PFAS sampling training program for the Los Alamos Legacy Cleanup. Groundwater and surface water sampling for PFAS was required at the site under the 2020 Interim Facility-Wide Groundwater Monitoring Plan. Attendees at the training sessions included groundwater sampling field technicians, technical staff, the project management team, and staff from the New Mexico Environment Department. The primary emphasis of the training program was on understanding and minimizing potential sources of PFAS cross-contamination, including identifying potential issues with field equipment and consumer products that could be encountered during sampling.

APPENDIX G PHASE I ESA SHELF LIFE SUMMARY

PHASE I ESA SHELF LIFE SUMMARY

Effective Date of the Phase I ESA Report: August 7, 2023.

Date Subject Property Inspection Reconnaissance was performed: April 26, 2023.

Dates Interviews were performed: Between April 10 and May 16, 2023.

Dates Records Review was performed: Between April 10 and May 18, 2023.

Date Lien Search was performed:

Texas Environmental Research, 2023, Environmental Lien and Other Activity Use Limitations (AULs) Search, Parcel 99B-7890-2-4, Alameda County, California: dated May 26, 2023.

Shelf Life:

The shelf life (continued viability) of the Phase I ESA Report is pursuant to the time frame specified within ASTM Standard Practice E1527-21. Tetra Tech understands the ASTM time frame to be 180 days from the first of the following dates: interviews, environmental liens and other AULs searches, records review, visual inspection of the Subject Property and, from curbside or the Subject Property, adjacent properties, and declaration by the environmental professional(s) responsible for the assessment.