
Appendix F1

Phase 1 Environmental Site Assessment -
Lassen Facility

PHASE I ENVIRONMENTAL SITE ASSESSMENT

APN 001-270-080-000

NUBIEBER, LASSEN COUNTY, CALIFORNIA



Prepared for

Golden State Natural Resources, Inc.

Prepared by



VESTRA Resources Inc.
5300 Aviation Drive
Redding, California 96002

AUGUST 2021



August 23, 2021

GIS, Environmental, & Engineering Services

72130

Greg Norton, President
Golden State Natural Resources, Inc.
1215 K Street, Suite 1650
Sacramento, CA 95814

Via Email

**RE: Phase I Environmental Site Assessment
APN 001-270-080-000
Nubieber, Lassen County, California**

Dear Mr. Norton:

The Phase I Environmental Site Assessment (ESA) report for the subject property located at 551000 Roosevelt Avenue and identified as Lassen County Assessor's Parcel Number (APN) 001-270-080-000 in Lassen County, California, is attached.

The subject property evaluation has been performed pursuant to the level of due diligence outlined in the ASTM standards for conducting an *Environmental Site Assessment: Phase I Process per ASTM E-1527-13*. Based upon the ASTM standard used for completion of the Phase I, no *recognized environmental conditions*, including *historical recognized environmental conditions* or *controlled recognized environmental conditions*, were identified at the site. *De minimis* conditions were not present.

Please call me at (530) 223-2585 if you have any questions.

Sincerely,

VESTRA Resources Inc.

A handwritten signature in black ink, appearing to read "Wendy Johnston".

Wendy Johnston
Project Manager

Attachment

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1.0 SUMMARY

This Environmental Site Assessment (ESA) has been prepared by VESTRA for Golden State Natural Resources, Inc., under standard ASTM E-1527-13. The purpose of conducting this ESA is to identify, to the extent feasible, *recognized environmental conditions* in connection with the property. A *recognized environmental condition* refers to the presence, or likely presence, of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

The subject property is currently owned by the Gould Family Trust and is located at 551000 Roosevelt Avenue, Nubieber, California. The property is identified as Assessor's Parcel No. (APN) 001-270-080-000 in Lassen County. The subject property is a portion of a parcel that included a historical mill site (not included in this environmental site assessment) and an area used to load rail cars. The parcel encompasses 69.26 acres.

The entire property is located within a special flood hazard area without base flood elevations. Flood potentials are derived from the Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA). The current Lassen County use type is Industrial; the zoning is listed as U-C-2, *Upland Conservation/Resource Management District*.

Only a portion of the subject parcel is included in this Phase I site assessment. The portion included is currently used as open space and for railroad access. The property has one water tower and a well that was last sampled in 1959 based on available records.

Based upon the ASTM standard used for completion of the Phase I, no *recognized environmental conditions*, including *historical recognized environmental conditions* or *controlled recognized environmental conditions*, were identified at the site. *De minimis* conditions were not present.

2.0 INTRODUCTION

2.1 LOCATION AND LEGAL DESCRIPTION

The subject property is located at 551000 Roosevelt Avenue, Nubieber, California, and identified as APN 001-270-080-000 in Lassen County. Parcel ownership is the Gould Family Trust. The general site location is shown on Figure 1. To substitute for the Preliminary Title Report, a property report and grant deed were obtained from Chicago Title Company. These documents and the Assessor's parcel map are included in Appendix A.

2.2 PURPOSE

The purpose of this Phase I ESA is to identify and document the current and historical environmental conditions of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. § 9601) and petroleum products. This practice constitutes "all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. § 9601(35) (B).



SITE LOCATION

Nubieber

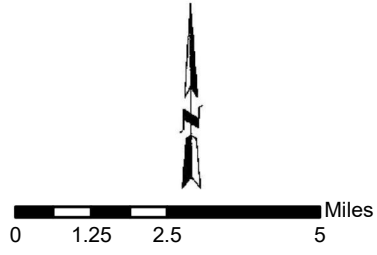


FIGURE 1
GENERAL SITE LOCATION
 APN 011-270-080
 LASSEN COUNTY, CALIFORNIA

The Phase I ESA is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser defenses, and sets forth limitations on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”).

2.3 SCOPE OF SERVICES

The objective of the Phase I ESA is to perform all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial or customary practice, thereby establishing the innocent landowner defense to CERCLA liability. The site assessment will identify, to the extent possible, environmental impairment and/or liability relative to the environmental risks associated with the subject property, based on interviews, observations, and evaluations of the physical conditions of the site and immediate vicinity, research of the site history, and review of available historical records and regulatory files.

The objective of conducting this ESA is to identify, to the extent feasible, *recognized environmental conditions* in connection with the property. A recognized environmental condition means the presence, or likely presence, of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

The term, *recognized environmental condition*, includes hazardous substances or petroleum products that may be in compliance with these laws. This term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*. In addition, the ESA will reveal historical use information sufficient to complete a Phase II Environmental Site Assessment, if warranted.

The ESA process includes four primary components:

- Records review
- Site reconnaissance
- Interviews
- Report preparation

The specific requirement of each part is specified in the standard ASTM E-1527-13. Pursuant to ASTM E-1527-13, the following considerations are not covered by the Phase I ESA:

- A. Asbestos-containing building materials
- B. Biological agents
- C. Cultural and historic resources
- D. Ecological resources
- E. Endangered species
- F. Health and safety

- G. Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment
- H. Industrial hygiene
- I. Lead-based paint
- J. Lead in drinking water
- K. Mold
- L. Radon
- M. Regulatory compliance
- N. Wetlands

2.4 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

The assessment included:

- Conducting interviews with owners, tenants, and/or site manager.
- Reviewing available federal, state, and local agency files to evaluate the property located in Lassen County, California, with respect to regulatory compliance or release of petrochemicals and/or hazardous materials.
- Reviewing available federal, state, and local agency files to evaluate properties adjacent to the project site with respect to regulatory compliance or release of petrochemicals and/or hazardous materials.
- Reviewing available agency files and aerial photographs of the project site.
- Inspecting the project site for obvious signs of contamination.
- Conducting a perimeter survey to examine adjoining properties for obvious signs of contamination and potential for contaminant migration.
- Providing a determination of the reasonable probability of the presence of hazardous or regulated substances that may require local, state, or federal regulatory action.

The data presented and the opinions expressed in this report are qualified as follows:

- Information contained in this ESA was obtained in part from information contained in the Environmental Data Resources report (EDR).
- The purpose of this investigation is to assess the visual characteristics of the site with respect to the presence or absence in the environment of hazardous material, as defined in the CERCLA and Title 22 of the California Code of Regulations, and to gather information regarding current and past environmental conditions at the site.
- The data in this report was derived primarily from interviews, visual inspections, and examination of records in the public domain. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration at the site as well as analysis of the data and re-evaluation of the findings, observations, and conclusions expressed in this report.
- In preparing this report, the author has relied on, and presumed accurate, certain information (or the absence thereof) about the site and adjacent properties provided by

governmental officials and agencies, the client, and others identified herein. Except as otherwise stated in the report, no attempt was made to verify the accuracy or completeness of any such information.

- Because of the limitations stated above, the findings, observations, and conclusions in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state, or local laws or regulations. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Such data, findings, observations, and conclusions are based solely on site conditions in existence at the time of the investigation.

For ease of the user, terminology commonly used in the ASTM E-1527-13 process is included in Appendix B. For a complete listing of all definitions relative to the Phase I ESA process, please see ASTM E-1527-13.

2.5 USER RELIANCE

This report has been prepared on behalf of, and for the exclusive use of Golden State Natural Resources, Inc., and is subject to, and issued in connection with, the agreement with VESTRA and the provisions thereof.

Information needed for completion of a Phase I ESA may be provided by a number of parties including government agencies, third-party vendors, the *user*, and present and past *owners* and *occupants* of the *property*, provided that the information is obtained by or under the supervision of an environmental *professional* or is obtained by a third-party vendor specializing in retrieval of the information. Prior assessments may also contain information that may be appropriate for usage in a current *environmental site assessment*.

The *environmental professional* is not required to verify independently the information provided, but may rely on information provided unless he, or she, has *actual knowledge* that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained in the *Phase I Environmental Site Assessment* or otherwise actually known to the environmental professionals.

2.6 INVOLVED PARTIES

Golden State Natural Resources, Inc.
Attention: Greg Norton
1215 K Street, Suite 1650
Sacramento, California 95814
(855)740-8422

Ms. Wendy Johnston
VESTRA Resources, Inc.
5300 Aviation Drive
Redding, California 96002
(530) 223-2585

3.0 USER-PROVIDED INFORMATION

The purpose of this section is to describe tasks to be performed by the user that will help identify possible *recognized environmental conditions* in connection with the property being reviewed under ASTM E-1527-13. In general, obtaining this type of information does not require the technical expertise of an environmental professional, and acquisition is generally not performed by environmental professionals in the performance of a Phase I Site Assessment pursuant to ASTM E-1527-13. The type of information that may be provided by the user, as well as information from other sources provided for this report, is summarized in Table 2.

The required User Questionnaire, under ASTM E-1527-13, was provided to Mr. Delbert Gould, the property owner, and is included in Appendix C.

Type of Information	Provided Yes/No	Provided by
Title Records	Yes	Chicago Title Company ¹
Environmental Liens or Activity and Use Limitations	No	--
Specialized Knowledge	Yes	Delbert Gould, Property Owner
Commonly Known or Reasonably Ascertainable Information	Yes	Delbert Gould, Property Owner
Valuation Reduction for Environmental Issues	No	--
Owner, Property Manager, and Occupant Information	Yes	Delbert Gould, Property Owner
Reason for Performing Phase I	Yes	Golden State Natural Resources, Inc.
Other	No	--

¹ Property Report and Grant Deed, August 9th, 2021, by Chicago Title Company

4.0 RECORDS REVIEW

4.1 PHYSICAL SETTING SOURCES

A current 7.5-minute topographic map equivalent is required to be provided under Physical Setting Sources. Additional physical setting sources may be obtained at the discretion of the environmental professional. Such sources provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a site. Discretionary physical setting sources are sought when conditions have been identified in which hazardous substances or petroleum products are likely to migrate to, from, or within the property and into the groundwater or soil. Physical setting sources reviewed for this ESA are included in Table 3. The required USGS topographic map is included in Appendix D.

Map Type	Map Details	Report Location
USGS Topographic Map	Bieber, 2012	Appendix D
USDA-Soils Map	Lassen County, June 2020	Appendix E
FEMA-Flood Insurance Rate Map	Lassen County, CA Map Number 06035C0335D, October 2020	Appendix F

4.2 STANDARD ENVIRONMENTAL RECORD SOURCES

Database review of federal and state regulatory agency file information listings included the following:

- National Priorities List (NPL)
- Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)
- No Further Remedial Action Planned Sites (NFRAP)
- Resource Conservation Recovery Information System – Transport, Storage, and Disposal Facilities (RCRA TSD)
- Resource Conservation Recovery Information System – Handlers with Corrective Actions (RCRA COR)
- Resource Conservation Recovery Information System – Generators (RCRA GEN)
- Resource Conservation Recovery Information System – Not categorized (RCRA NLR)
- Emergency Response Notification System (ERNS)
- State Sites – State sites equivalent to NPL and CERCLIS (STATE)
- Spills-1990 (Spills)
- Solid Waste Landfills (SWL)
- Sites known to be Contaminated and Uncharacterized Properties (OTHER)
- Registered Underground Storage Tanks – (UST)
- Leaking Underground Storage Tank Information System (LUST)
- Federal Land Use – Includes Tribal Lands (FLU)
- Brownfields

This review was completed by Environmental Data Resources (EDR), a professional online database review service. The review report was obtained for the ESA conducted on the subject property. The EDR report is included as Appendix G.

The findings of the EDR regulatory review information indicate there is one mapped site within the one-mile search distance required by ASTM E-1527-13. A map of the site's location relative to the subject parcel is included in the EDR Report located in Appendix G. This site is discussed further under "Upgradient Sites."

State/Tribal CERCLIS:

Burlington Northern ½ mile South of Highway 299 E 0.111 mi W

4.2.1 Subject Property

The subject property is relatively flat. It was historically utilized for grazing and is now open space land that is mowed annually. A rail spur crosses the parcel on the southern portion and a water tower is located onsite. Databases searched on the subject property by EDR returned no historic records.

4.2.2 Cross-Gradient or Downgradient Sites

There are no reports of open, closed, or inactive sites cross-gradient or downgradient of the project site.

4.2.3 Upgradient Sites

One site is located upgradient from the subject parcel and within the search radius and is discussed below.

Burlington Northern Santa Fe Railway: In January of 2005, a train derailment occurred on the Burlington Northern Santa Fe Railway at Bieber Station. The incident required remedial action which began on January 8, 2005. The train derailment is reported to have impacted shallow groundwater at the site. The Central Valley Regional Water Quality Control Board (RWQCB) acted as lead agency and issued a Cleanup and Abatement Order for the spill. In 2005, contaminated soil was excavated and disposed of at Forward Landfill. While excavating, the dischargers used a vacuum truck to extract 7,000 gallons of contaminated groundwater from the spill location excavation area. The remedial action ended on January 27, 2005, and the case was closed by the RWQCB on September 1, 2005. The site is located due north of the subject parcel. Additional information is included in Appendix H.

A second derailment was mentioned by the current landowner. He stated the Burlington Northern Santa Fe Railway had a second derailment to the east of the subject parcel approximately two years after the first derailment. However, database searches and other interviews conducted did not present any information regarding an additional reported site.

4.3 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

The following additional environmental sources were reviewed for information relating to the subject parcel and sites of concern in the subject site vicinity:

- Lassen County Environmental Health
- RWQCB GeoTracker online database
- DTSC EnviroStor database

Lassen County Environmental Health. Lassen County Environmental Health files were reviewed for information regarding the subject property. No files were found on record with the County for APN 001-270-080-000.

RWQCB and DTSC. The RWQCB GeoTracker and Department of Toxic Substances Control (DTSC) EnviroStor online databases were reviewed for additional information on the previously named sites and to verify that there are no other sites in the vicinity of the subject property not already identified. No additional sites were identified in the database searches.

4.4 HISTORICAL USE INFORMATION ON THE PROPERTY

Historical use information for the subject property was obtained from review of historical aerial photographs, historical topographic maps, interviews, and a historical city directory search.

The subject property (APN 001-270-080-000) was historically operated as a remanufacturing mill. The Nubieber mill parcel did not operate as a primary wood-processing facility and the historical mill facility is not included in the proposed transfer. The site is reported to have been purchased by the main family, previous owners of Big Valley Lumber Company, for use as rail access for the lumber mill. The site was sold in 2001 after PG&E filed for bankruptcy, resulting in bankruptcy of the Big Valley Lumber Company. While the mill was active, it is reported to have produced molding and specialty products from previously processed lumber that was delivered to the site by truck. The mill is no longer active.

A portion of the parcel is leased to Sierra Pacific Industries for rail access for the Burney mill. Dicalite Corporation, an earth products company, may also use that specific location for rail access. The rail portion of the site includes a water tower and well. The rail loading area has been filled approximately 5 feet to match the elevation of the rail grade.

The remaining areas of the site are lower in elevation than the rail loading area and may become saturated during the winter season.

Historical Aerial Photographs

The historical aerial photographs reviewed are from 1939, 1954, 1960, 1967, 1978, 1981, 1993, 1998, 2006, 2009, 2012, and 2016 and are included in Appendix I. Based on review of the historical aerial photographs, the site has not significantly changed since the mill was constructed in the 1950s. The historical aerial photographs showed the following:

- 1939 Access roads and a parking lot are observed on the property. Two possible water towers are observed near the center of the property. A railroad spur and rail cars are visible.
- 1954 No changes from 1939 are observed on the southern portion. The northern portion is observed to contain buildings.
- 1960 Expansion of the north mill is observed. Only a single water tower remains and two storage bins are noted near the rail access area in the center of the parcel.
- 1967 No changes from 1960 are observed.
- 1978 The building footprint is observed to be different than in 1967.
- 1981 New building has been added.
- 1993 No changes from 1981 are observed.
- 1998 No changes from 1993 are observed.
- 2006 Expanded rail access area in the center of the parcel.
- 2009 Expanded rail access area to the south in the center of the parcel.
- 2012 No changes from 2009 are observed.
- 2016 No changes from 2012 are observed.

Historical Topographic Maps

The historical topographic maps reviewed are from 1961, 1990, 1993, and 2012. Copies of the historical topographic maps are included in Appendix D.

- 1961 Site includes a railway, one structure, two storage bins, and a water source.
- 1990 No changes from 1961 are observed.
- 1993 No changes from 1990 are observed.
- 2012 No structures are shown on the map.

Historical City Directory

The historical city directories reviewed are from 1992, 1995, 2000, 2005, 2010, 2014, and 2017. No listings were identified for the subject property. Copies of the historical city directories are included in Appendix J.

4.5 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

Historical use information for the surrounding properties was obtained from review of historical aerial photographs, historical topographic maps, and a historical city directory search.

Historical Aerial Photographs

The historical aerial photographs reviewed are from 1939, 1954, 1960, 1967, 1978, 1981, 1993, 1998, 2006, 2009, 2012, and 2016 and are included in Appendix I. The historical aerial photographs were noted to show the following:

- 1939 The properties to the west are residential. The properties to the north, south, and east are grazing land.
- 1954 No changes are observed with the exception of the addition of barns and residences to the east.
- 1960 No changes are observed.
- 1967 No changes are observed.
- 1978 No changes are observed.
- 1981 No changes are observed.
- 1993 Mill development to the southwest is noted.
- 1998 No change from 1993 observed.
- 2006 No changes from 1998 observed.
- 2009 No changes from 2006 observed.
- 2012 No changes from 2009 observed.
- 2016 No changes from 2012 observed.

Historical Topographic Maps

The historical topographic maps reviewed are from 1961, 1990, 1993, and 2012. Copies of the historical topographic maps included in Appendix D.

- 1961 Four structures are observed to the west, seven structures to the east, and three structures to the north.
- 1990 Four structures are observed on the west side and one structure (Bieber station) to the east.
- 1993 No changes from 1990 observed.
- 2012 No structures are observed.

Historical City Directory

The historical city directories reviewed are from 1992, 1995, 2000, 2005, 2010, 2014, and 2017. No listings were identified for the adjoining properties. Copies of the historical city directories are included in Appendix J.

5.0 SITE RECONNAISSANCE

5.1 METHODOLOGY AND LIMITING CONDITIONS

A site visit was conducted on August 6, 2021. Photographs illustrating the subject property conditions are included as Appendix K.

5.2 GENERAL SITE SETTING

The subject property is bound by Highway 299 to the north, a railway to the east, and Babcock Road to the south. The site is accessed via Roosevelt Avenue and Washington Avenue on the west side. The property is identified as Lassen County APN 001-270-080-000 and is located at 551000 Roosevelt Road, Nubieber, California.

The parcel is anticipated to be split for this transaction such that the current landowners retain the northern portion where the old mill site was located. The site is approximately 69.26 acres in size before the parcel split. The general site layout is shown on Figure 2, which shows the approximate location of the parcel split as described by the current owners.

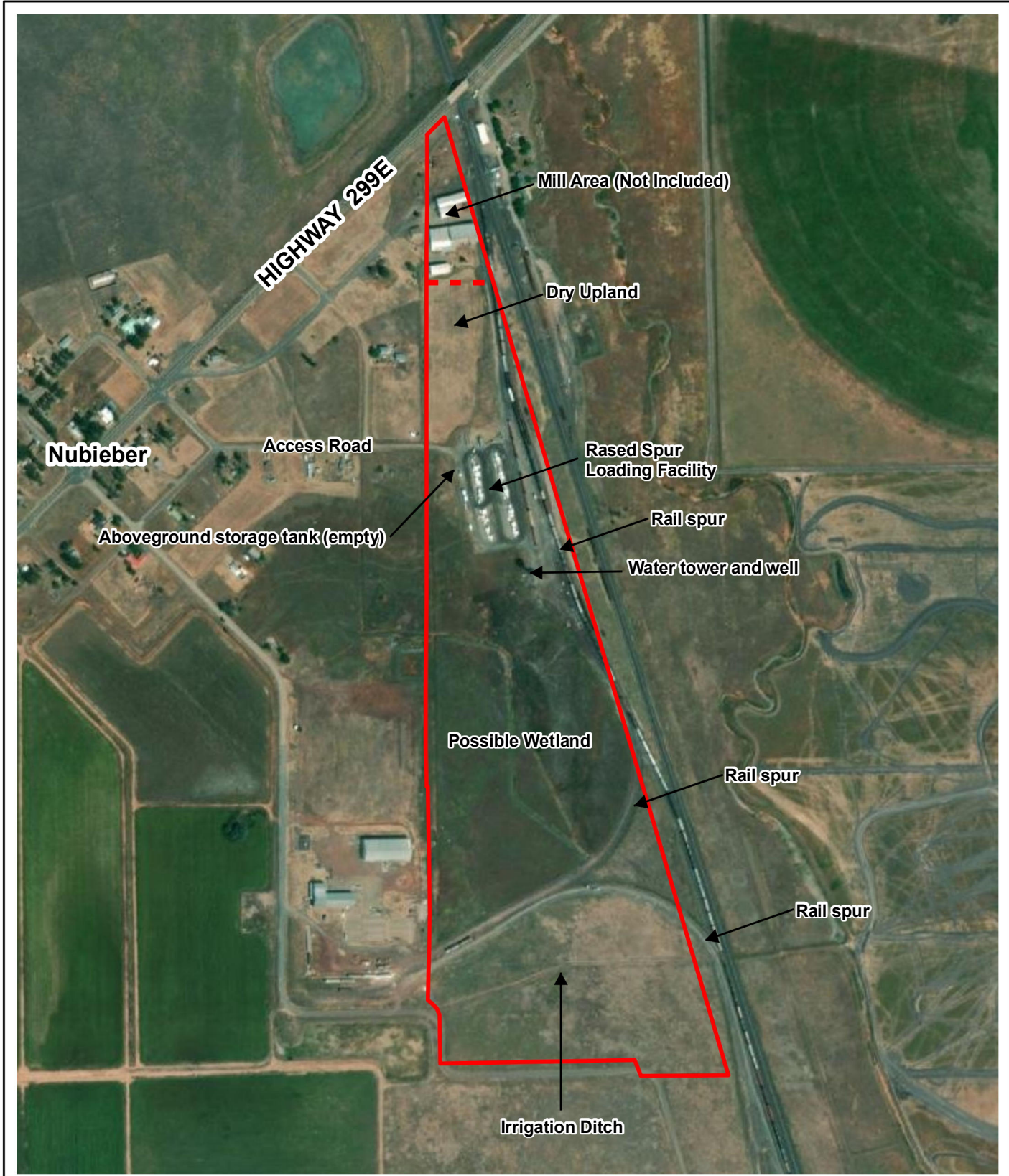
5.3 CURRENT PROPERTY USE

In the northern portion of the property, historical remanufacturing/mill buildings are currently used as a shop and for equipment storage. An aboveground fuel tank is located on this portion of the site. The tank is under cover with secondary containment.

The portion of the property planned for sale is currently not in use with the exception of the rail access agreements. Sierra Pacific Industries uses the rail access in the center of the parcel to load rail cars with lumber.

5.4 PROPERTY IMPROVEMENTS

The subject property is predominantly open space that was historically grazed but is now mowed on an annual basis. The parcel has a portion developed as a railyard for the company previously mentioned to have access to the railroad. A water tower is located on the property. A rail spur is



- - - Proposed Parcel Split Location
- Approximate Parcel Boundary

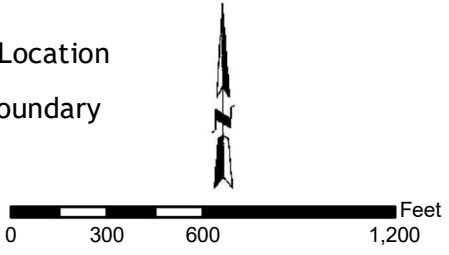


FIGURE 2
 GENERAL SITE LAYOUT
 APN 011-270-080
 LASSEN COUNTY, CALIFORNIA

developed across the southern portion of the parcel to access parcels owned by others on the southwest boundary. Property improvements include power, miscellaneous storage containers, access roads, rail loading area, well, and water tower.

5.5 CURRENT USES OF ADJOINING PROPERTIES

The uses of the adjoining properties are described below and are shown on Figure 3.

North. The property to the north is open space and grazing land.

South. The properties to the south are vacant open space and grazing land.

East. The properties to the east include the railroad and hence open space and grazing/crop land.

West. The properties to the west are residential with the mill present in the southern portion.

5.6 SITE AND VICINITY GENERAL CHARACTERISTICS

Zoning and General Plan. The current Lassen County designates the land zoning as U-C-2, *Upland Conservation and Resource Management District*. The adjoining parcels to the north, east, and west are designated as U-C-2 as well. The two parcels to the south are E-A-A-P, *Exclusive Agricultural District and Agricultural Preserve Combining District*.

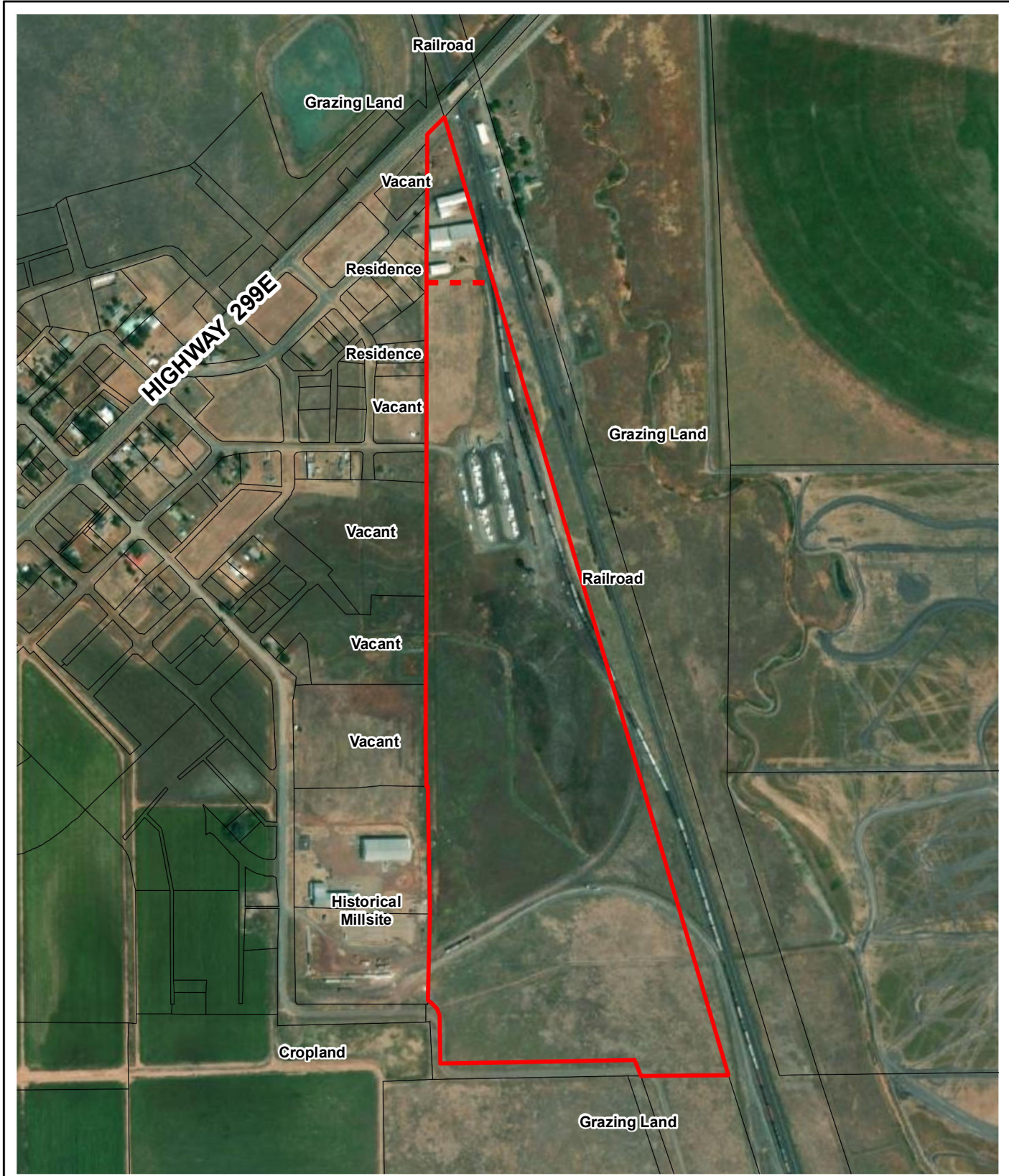
Topography. The subject site is located at an elevation range of approximately 4119 feet above mean sea level. Site topography is relatively flat. Topography in the vicinity of the property is flat. A copy of the United States Geological Survey (USGS) topographic map for the project vicinity is included in Appendix D.

Soils Information. The USDA has mapped the soils in the vicinity of the site. The soil information for this report was found in the Natural Resource Conservation Service (NRCS) site for Lassen County. Based on a review of the survey information, the Cupvar silty clay and Pit silty clay, both at 0 to 2 percent slopes, are located on the site. See Appendix E.

Cupvar silty clay (138) defines approximately 7.9 acres (12.1 percent) of the parcel at 0 to 2 percent slopes. It is well drained and runoff is considered medium. Frequency of flooding is rare and the available water capacity is low at about 3.1 inches.

Pit silty clay (279) defines approximately 57.0 acres (87.9 percent) of the parcel at 0 to 2 percent slopes. It is poorly drained and runoff is considered medium. Frequency of flooding is rare and the available water capacity is high at about 10.4 inches.

Groundwater. The California Department of Water Resources Water Data Library contains data for well 38N07E32A002M, the closest active well to the subject property located approximately 2,000 feet to the west on Highway 299. Groundwater level for the well is reported to be 49 feet below ground surface. There is also a groundwater station (well) on the subject property (38N07E33C001M). Data for groundwater level below the surface was not provided; the well was last sampled in 1959. Direction of groundwater flow tends to follow topography. Topography in the vicinity of the project site is generally to the east towards the Pit River. Direction of groundwater flow and depth to groundwater at the project site has not been verified in the field.



- - - Proposed Parcel Split Location
- Approximate Parcel Boundary

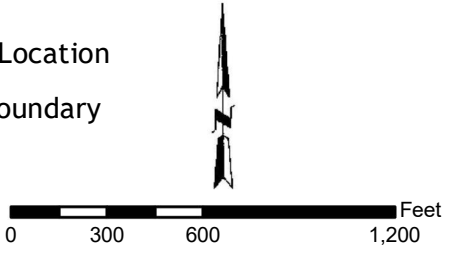


FIGURE 3
 ADJOINING PARCELS
 APN 011-270-080
 LASSEN COUNTY, CALIFORNIA

Surface Water. No surface water bodies are located on the site. The nearest surface water is an unnamed water body north of the parcel approximately 350 feet across Highway 299. Approximately 450 feet to the east is an unnamed tributary to Pit River. The entire property is located within a special flood hazard area without base flood elevations. Flood potentials are derived from the Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA). The FIRM map, Community Panel No. 06035C0335D, dated October 2020, is included as Appendix F.

6.0 INTERVIEWS

6.1 INTERVIEW WITH OWNERS

Delbert Gould, current owner of the property, and his son Neil Gould were interviewed during the site visit to discuss history and current state of the subject parcel.

6.2 INTERVIEW WITH SITE MANAGER

The site is managed by the property owner's son, Neil Gould.

6.3 INTERVIEWS WITH OCCUPANTS

Neil Gould uses the building on the northern portion of the property as an office, shop, and for equipment storage.

6.4 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Lassen County Environmental Health and the Lassen County Department of Planning and Building Services were contacted regarding the site.

6.5 INTERVIEWS WITH OTHERS

George McArthur was contacted in regard to the property due to his knowledge of the area. Charlie Oiler was contacted due to reportedly working at the subject parcel when the mill was active.

7.0 EVALUATION

7.1 FINDINGS

Upon completion of the Phase I ESA, no *recognized environmental conditions*, including *historical recognized environmental conditions* and *controlled recognized environmental conditions*, were identified for the subject property. *De minimis* conditions were not present.

7.2 OPINION

Based upon the ASTM standard used for completion of the Phase I, *no recognized environmental conditions*, including *historical recognized environmental conditions* or *controlled recognized environmental conditions*, were identified at the site. No further action is recommended.

7.3 CONCLUSIONS

VESTRA has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E-1527-13 for APN 001-270-080-000 in Lassen County, California. No exceptions to, or deletions from, practice E1527-13 occurred. There is no evidence of *recognized environmental conditions*, including *historical recognized environmental conditions* or *controlled recognized environmental conditions*, at the subject property.

8.0 NON-SCOPE SERVICES

No recommendations or other non-scope services were requested for this Phase I ESA.

9.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

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



Wendy Johnston
Project Manager

10.0 REFERENCES

10.1 PUBLISHED REFERENCES

American Society for Testing and Materials (ASTM). 2013. Standard Practice for Environmental Site Assessment American Society for Testing and Materials (ASTM). Standard Practice for Environmental Site Assessments: Phase I – Environmental Site Assessment Process, E-1527-13, 2013.

California Department of Toxic Substances Control (DTSC). EnviroStor online database. <http://www.envirostor.dtsc.ca.gov/public>.

California Department of Water Resources (DWR). Planning and Local Assistance website, <http://www.water.ca.gov/waterdatalibrary/>

California Regional Water Quality Control Board (RWQCB). Geotracker online database. <http://geotracker.waterboards.ca.gov>.

County of Lassen. 2000. Lassen County General Plan. Available online at: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.452.6564&rep=rep1&type=pdf>

County of Lassen. 2016. Lassen County Zoning Ordinance. Available online at: <http://www.qcode.us/codes/lassencounty/>

Federal Emergency Management Agency (FEMA). Flood Insurance Rate Map City of Redding, Panel No. 06103C0787H, September 29, 2011.

United States Department of Agriculture (USDA), Natural Resources Conservation Service. Web Soil Survey. <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>.

U.S. Geological Survey, Red Bluff East, California 7.5 Minute Quadrangle Topographic Map, 2012.

10.2 RECORD OF PERSONAL COMMUNICATIONS

Delbert Gould, Property Owner (pers. comm., August 6, 2021)

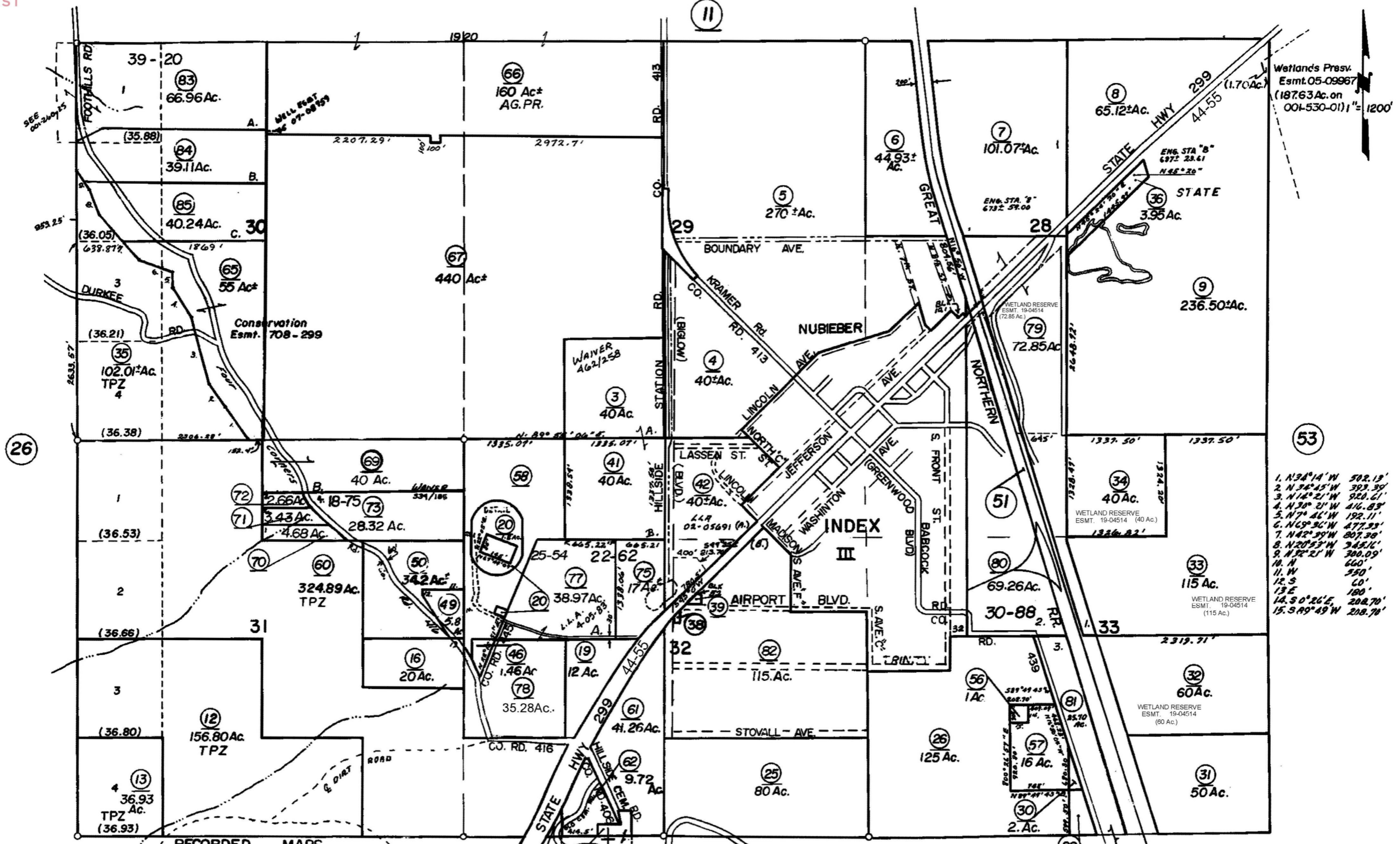
Neil Gould, Property Manager (pers. comm. August 6, 2021)

Lassen County Department Environmental Health staff (pers. comm. August 2021)

Lassen County Planning & Building Department (pers. comm. August 2021)

George McArthur (pers. comm. July 30, 2021)

THIS MAP IS INTENDED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA PROVIDED.



1. N34°14' W 502.19'
2. N34°15' W 393.39'
3. N14°21' W 920.61'
4. N30°21' W 416.83'
5. N7°46' W 192.11'
6. N69°36' W 477.93'
7. N42°39' W 807.30'
8. N20°53' W 345.16'
9. N32°21' W 300.09'
10. N 660'
11. W 350'
12. S 60'
13. E 180'
14. S 0°26' E 208.70'
15. S 89°49' W 208.70'

RECORDED MAPS				
MAP	BK	PG	NAME	NAME
R.S.	5	37	Southard	
R.S.	9	88	Lassen Co.	
R.S.	10	94	Hillside Cemetery	
P.M.	18	75	Begley	
R.S.	22	62	Wing Family Tr.	
P.M.	25	54	Graham	
R.S.	30	88	Pit River Spur Co.	
P.M.	39	20	Dahls	
R.S.	44	55	CA DEPT. TRANS	

BK. 13 PG. 4

NOTE-Assessor Parcel Numbers Shown in Circles

Assessor's Map Bk. 1, Pg.27
County of Lassen, Calif. generated by



Subject Property:



Site Address
551000 ROSEVELT AVE



Mail Address
PO BOX 105
LOOKOUT, CA 96054-0105



Prepared By:

Doug Foster
(530) 433-3838
doug.foster@ctt.com

Document Contents



- Profile Cover Sheet
- Property Overview
- Property History Page
- Neighborhood
- Plat Map

Provided By

Doug Foster
930 Executive Way 200
Redding, CA 96002
doug.foster@ctt.com

PROPERTY OVERVIEW

551000 ROSEVELT AVE

Owner and Geographic Information



Primary Owner:
GOULD FAMILY TRUST

Site Address:
551000 ROSEVELT AVE

APN: 001-270-80-11

Housing Tract Number:

Legal Description: Legal Brief Description: OLD APN 001-510-06 & 07

Secondary Owner:

Mail Address:
PO BOX 105, LOOKOUT, CA 96054-0105

Lot Number: Page / Grid:

Property Details

Bedrooms: 0	Year Built:	Square Feet:
Bathrooms: 0	Garage:	Lot Size: 69.26 AC
Total Rooms:	Fireplace:	Number of Units: 0
Zoning:	Pool:	Use Code: Manufacturing (light)

Sale Information



Transfer Date: 03/31/2006

Transfer Value: \$0.00

Cost/Sq Feet:

Seller: GOULD, DELBERT; GOULD, MAZELLA

Document#: 2006-02963

Assessment and Taxes



Assessed Value: \$52,546.00

Land Value: \$19,493.00

Improvement Value: \$33,053.00

Market Improvement Value:

Market Value:

Percent Improvement: 62.90%

Tax Amount: \$590.46

Tax Status:

Market Land Value:

Homeowner Exemption:

Tax Rate Area: 52-008

Tax Account ID:

Tax Year: 2020

Prior Transfer - 03/31/2006

Recording Date:	03/31/2006	Document#:	2006-02963
Price:	\$0.00	Document Type:	Intra-family Transfer or Dissolution
First TD:		Type of Sale:	Non-Arms Length Transfer
Lender Name:			
Buyer Name:	GOULD, DELBERT E; GOULD, MAZELLA L	Buyer Vesting:	CP
Seller Name:	GOULD, DELBERT; GOULD, MAZELLA		
Legal Description:	Sec / Twntship / Range: POR E2SW4 S28T38NR07E MDM		
	Legal Brief Description: E2 NW4 SEC33 TWP38N RNG07E MDM		

Prior Transfer - 04/23/2004

Recording Date:	04/23/2004	Document#:	2004-03712
Price:	\$0.00	Document Type:	Intra-family Transfer or Dissolution
First TD:		Type of Sale:	Non-Arms Length Transfer
Lender Name:			
Buyer Name:	GOULD, DELBERT; GOULD, MAZELLA	Buyer Vesting:	JT
Seller Name:	GOULD, DELBERT; GOULD, MAZELLA		
Legal Description:	Sec / Twntship / Range: POR E2SW4 S28T38NR07E MDM		
	Legal Brief Description: EAST2 NW4 SEC33 TWP38N RNG07E MDM		

Prior Transfer - 03/31/2004

Recording Date:	03/31/2004	Document#:	2004-02681
Price:	\$56,970.00 Multiple Parcels Involved in this transaction	Document Type:	Joint Tenancy Deed
First TD:		Type of Sale:	Full Amount on Deed
Lender Name:			
Buyer Name:	GOULD, DELBERT; GOULD, MAZELLA	Buyer Vesting:	JT
Seller Name:	PIT RIVER SPUR CORP		
Legal Description:	Sec / Twntship / Range: S04T37NR07E MDM		
	Legal Brief Description: PORTION E2 SW4 SEC28 & E2 NW4 SEC33 TWP38N RNG07E MDM		

NEIGHBORHOOD OVERVIEW - NEARBY NEIGHBORS
551000 ROSEVELT AVE
GOULD FAMILY TRUST

551000 ROSEVELT AVE

APN: 001-270-80-11

Bedrooms: 0

Square Feet:
Year Built:
Bathrooms:
Lot Size: 69.26 AC

Garage:
SIGNS CHARLES B & CONNIE S

551410 PUNKIN CENTER RD

APN: 999-503-12-11

Bedrooms: 0

Square Feet:
Year Built:
Bathrooms:
Lot Size:
Garage:
TAYLOR FAMILY TRUST

552055 TIERRA OAKS RD 96130

APN: 999-105-66-11

Bedrooms: 0

Square Feet: 1

Year Built:
Bathrooms:
Lot Size:
Garage:
BOEHNER ROGER A

552305 KRAMER RD 96009

APN: 001-110-37-11

Bedrooms: 0

Square Feet:
Year Built:
Bathrooms:
Lot Size: 160 AC

Garage:
PARKS RANCH INC

552450 ARMSTRONG RD 96114

APN: 999-103-58-11

Bedrooms: 2

Square Feet: 672

Year Built: 1995

Bathrooms: 1

Lot Size:
Garage:
GRIMSBY NORMAN & ANTOINETTE M

552600 JAMES DR

APN: 999-501-01-11

Bedrooms: 0

Square Feet:
Year Built:
Bathrooms:
Lot Size:
Garage:
GEORGE RANDY

553050 KRAMER RD 96009

APN: 001-110-20-11

Bedrooms: 0

Square Feet:
Year Built:
Bathrooms:
Lot Size: 80 AC

Garage:
MULHOLLAND WAYNE W EST OF

553170 PUNKIN CENTER RD 96009

APN: 001-130-77-11

Bedrooms: 3

Square Feet: 1,176

Year Built: 1962

Bathrooms: 1

Lot Size: 4.6 AC

Garage:
GREGORY, KENNETH C; GREGORY, MAUREEN

553180 PUNKIN CENTER RD, BIEBER, CA 96009

APN: 001-530-22-11

Bedrooms: 0

Square Feet: 1,344

Year Built: 1990

Bathrooms:
Lot Size: 150 AC

Garage:
GREGORY, KENNETH C; GREGORY, MAUREEN

553185 COUNTY RD 417 96009

APN: 001-530-06-11

Bedrooms: 4

Square Feet: 3,963

Year Built: 1930

Bathrooms: 5

Lot Size: 479.55 AC

Garage:
MANES SAMUEL L & DEBORAH D (JT)

553220 PUNKIN CENTER RD, BIEBER, CA 96009

APN: 001-130-37-11

Bedrooms: 2

Square Feet: 1,664

Year Built: 2010

Bathrooms: 2

Lot Size: 160 AC

Garage: G

CHAPPLE JAMES L & WENDY L (JT)

553405 PUNKIN CENTER RD, BIEBER, CA 96009

APN: 001-130-71-11

Bedrooms: 2

Square Feet: 1,249

Year Built: 1982

Bathrooms: 2

Lot Size: 135.54 AC

Garage: G

BETTENDORF, MONTY E; BETTENDORF, NANCY J

553500 FOUR CORNERS RD 96009

APN: 001-110-18-11

Bedrooms: 3

Square Feet: 1,265

Year Built: 1940

Bathrooms: 1

Lot Size: 53.5 AC

Garage: G

SHERRILL WILLIAM L & PATSIE M (JT)

553790 KRAMER RD 96009

APN: 001-120-13-11

Bedrooms: 0

Square Feet:
Year Built:
Bathrooms:
Lot Size: 4 AC

Garage:
MYERS LYNETTE GAYE & DESERE TYLETTE JTRS

553900 BASSETT RD

APN: 999-106-95-11

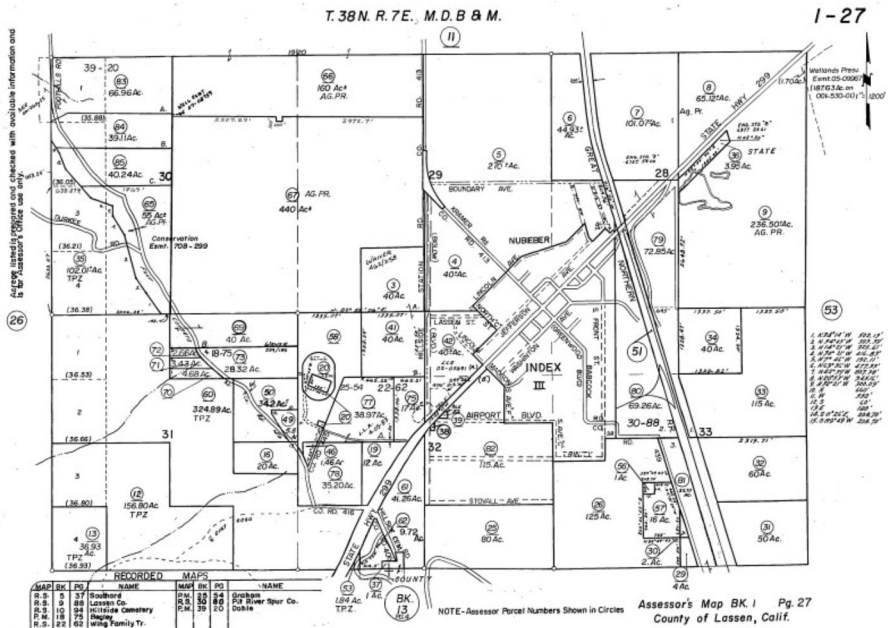
Bedrooms: 0

Square Feet:
Year Built:
Bathrooms:
Lot Size:
Garage:



This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

Click map image to view PDF version



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This property profile is being provided as a general service to the community at large without the condition of the referral of title insurance business.

2006-02963
Recorded at the request of
ROBERT WEST ATTORNEY AT LAW
03/31/2006 12:54P
Fee: 10.00 No of Pages:2

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL THIS DEED TO:

Robert A. West
Attorney at Law
1616 West Street
Redding, CA 96001

OFFICIAL RECORDS
Theresa Nagel, County Clerk-
Recorder
Lassen County, CA

MAIL TAX STATEMENTS TO:

Delbert E. Gould and Mazella L. Gould, Trustees
P.O. Box 105
Lookout, CA 96054

DOCUMENTARY TRANSFER TAX -0-
Transfer to Trustee - not pursuant to sale For Benefit of Grantor

Robert A. West

GRANT DEED

FOR VALUABLE CONSIDERATION, DELBERT GOULD and MAZELLA GOULD,
husband and wife as joint tenants, hereby **GRANT** to DELBERT E. GOULD and MAZELLA L.
GOULD, as Trustees of The Gould Family Trust, dated December 6, 2005, as community
property, all that real property situated in the County of Lassen, State of California, described
as:

SEE EXHIBIT "A" ATTACHED HERETO
AND INCORPORATED HEREIN

APN: 001-270-80

Date: December 6, 2005.

Delbert Gould

DELBERT GOULD

Mazella Gould

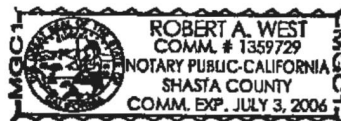
MAZELLA GOULD

State of California)
County of Shasta) ss.

On December 6, 2005, before me, the undersigned Notary Public, personally appeared,
DELBERT GOULD and MAZELLA GOULD personally known to me, or proved to me on the
basis of satisfactory evidence to be, the persons whose names are subscribed to the within
instrument and acknowledged to me that they executed the same in their authorized capacities,
and that by their signatures on the instrument the person, or the entity upon behalf of which the
persons acted, executed the instrument.

WITNESS my hand and official seal.

Robert A. West



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EXHIBIT "A"
LEGAL DESCRIPTION

All that real property situate in the State of California, County of Lassen, described as follows:

ALL THAT PORTION OF THE E ½ OF THE SW ¼ OF SECTION 28 AND THE E ½ OF THE NW ¼ OF SECTION 33, TOWNSHIP 38 NORTH, RANGE 7 EAST, MOUNT DIABLO MERIDIAN, LYING SOUTHWESTERLY OF A LINE DRAWN PARALLEL WITH AND DISTANT 100.0 FEET SOUTHWESTERLY OF, AS MEASURED AT RIGHT ANGLES TO, BURLINGTON NORTHERN RAILROAD COMPANY'S HEREINAFTER DESCRIBED MAIN TRACK CENTERLINE AND LYING SOUTHEASTERLY OF THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF REDDING-ALTURAS STATE HIGHWAY.

MAIN TRACK CENTERLINE DESCRIPTION

COMMENCING AT THE WEST QUARTER CORNER OF SECTION 28, TOWNSHIP 38 NORTH, RANGE 7 EAST, MOUNT DIABLO MERIDIAN; THENCE EASTERLY ALONG THE EAST-WEST CENTERLINE OF SAID SECTION 28, 1145.0 FEET TO THE POINT OF BEGINNING OF THE MAIN TRACK CENTERLINE TO BE DESCRIBED; THENCE SOUTHEASTERLY TO A POINT ON THE SOUTH LINE OF SAID SECTION 33, DISTANT 1723.2 FEET WEST OF THE SOUTHEAST CORNER THEREOF; THENCE ALONG THE SOUTHEASTERLY EXTENSION OF THE ABOVE DESCRIBED LINE TO A POINT ON THE EAST-WEST CENTERLINE OF SECTION 4.

APN: 001-270-80

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COMMON TERMINOLOGY

This appendix provides definition, descriptions of terms, and a list of acronyms commonly used in the Phase I Environmental Site Assessment process. The terms are an integral part of the Phase I practice and are critical to an understanding of the practice and its use. For a complete listing of terms and acronyms please see ASTM E 1527-13.

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

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

Aerial photographs – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area.

All appropriate inquiries – that inquiry constituting “all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary” practice as defined in CERCLA, 42 U.S.C §901(35)(B), that will qualify a party to a commercial real estate transaction for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C §9607 (35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense.

Commercial real estate – any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units; and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

Comprehensive environmental response, compensation, and liability information system CERCLIS – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Construction debris – concrete, brick asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contiguous property owner liability protection – (42 U.S.C §9607(q) – a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all

appropriate inquiries at the time of acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the contiguous property owner liability protection.

Controlled recognized environmental condition – a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls) (see note 1). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report (see note 2). Note 1—For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The “control” is represented by the restriction that the property use remain commercial. Note 2—A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).

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

Demolition debris – concrete, brick asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Drum – a container (typically, but not necessarily, holding 55 gallons of liquid) that may be used to store hazardous substances or petroleum products.

Due diligence – the process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real transaction. The degree and kind of due diligence vary for different properties and differing purposes.

Dwelling – structure or portion thereof used for residential habitation.

Environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). The person may be an independent contractor or an employee of the user.

Environmental site assessment (ESA) – the process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting all appropriate inquiries or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting all appropriate inquiries. An environmental site assessment is both different from and often less rigorous than an environmental compliance audit.

Fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

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

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

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C §6901-692k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 U.S.C §6903, as a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may – (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”

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

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

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

Interviews – those portions of this practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owner, operators, and occupants of the property and questions to be asked of local government officials.

Key site manager – the person identified by the owner or operator of a property as having full knowledge of the uses and physical characteristics of the property.

Local government agencies – those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships and similar entities.

Material safety data sheet (MSDS) – a written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers and employers for hazardous chemicals pursuant to OSHA’s Hazard Communication Standard. 29 C.F.R 1910.1200.

Material threat – a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Migrate/migration – for the purposes of this practice, “migrate” and “migration” refer to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

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

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

Other historical sources – any source or sources other than those designated in 8.3.4.1 through 8.3.4.8 (ASTM E 1527-05) that are credible to a reasonable person and that identify past uses of the property. The term includes but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties and records in the files an/or personal knowledge of the property owner and/or occupants.

Owner – generally the fee owner of the record of the property.

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

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

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

Reasonably ascertainable – information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

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

Underground storage tank (UST) – any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.

User – the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outlined in Section 6 of ASTM E 1527-05.

Visually and/or physically observed – during a site visit pursuant to this practice, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term “walking through” is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they may do so by the means at their disposal for moving through the property and the structures located on it.

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

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

Acronyms:

AULs	Activity and Use Limitations
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 U.S.C. §§9601 et seq.).
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA).
CFR	Code of Federal Regulations.
CORRACTS	Facilities subject to Corrective Action under RCRA.

EPA	United States Environmental Protection Agency.
EPCRA	Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 U.S.C. §§11001-11050 et seq.).
ERNS	Emergency response notification system.
ESA	Environmental Site Assessment (difference that an environmental compliance audit)
FOIA	U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.).
FR	Federal Register
ICs	Institutional Controls.
LLP	Landowner Liability Protections under the Brownfields Amendments
LUST	Leaking Underground Storage Tank
MSDS	Material Safety Data Sheet
NCP	National Contingency Plan
NFRAP	Former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
PCBs	Polychlorinated biphenyls
PRP	Potentially responsible party (pursuant to CERCLA 42 U.S.C. §9607(a))
RCRA	Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 et seq.).
SARA	Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA).
TSDF	Hazardous waste treatment, storage or disposal facility.
USC	Unites States Code
USGS	United States Geological Survey
UST	Underground Storage Tank

**ATTACHMENT A
USER QUESTIONNAIRE
ASTM 1527-13**

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete. (Please attach another paper if more space is needed).

1.) Environmental liens that are filed or recorded against the property (40 CFR 312.25). Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law?

Note 1—In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

No A search of recorded land title records did not identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law.

2.) Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and (vi)). Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

No AULs were identified on file against the property.

3.) 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?

The owner provided specialized knowledge relating to the subject property and nearby parcels. There are no chemicals used by the business on the property.

4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property? 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 on the property?

The purchase price being paid for this property does reasonably reflect the fair market value of the property. There is no known or indicated contamination on the property.

5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30). 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?
- b.) Do you know of specific chemicals that are present or once were present at the property?
- c.) Do you know of spills or other chemical releases that have taken place at the property?
- d.) Do you know of any environmental cleanups that have taken place at the property?

- a) Yes, the owner provided some information on historical uses of the property.
- b) No
- c) No, the reported case was a train derailment(s) on the adjacent parcel.
- d) No

6.) The degree of obviousness of the presence or 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?

There are no obvious indicators that point to the presence or likely presence of releases at the property.

Name: _____

Date: _____

Not Reported

Not Reported

Mcarthur, CA 96056

Inquiry Number: 6563025.5

July 02, 2021

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

07/02/21

Site Name:

Not Reported
Not Reported
Mcarthur, CA 96056
EDR Inquiry # 6563025.5

Client Name:

Vestra Resources
5300 Aviation Drive
Redding, CA 96002
Contact: Jennifer Williams



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Vestra Resources 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. EDR's 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 Results:**Coordinates:**

P.O.#	202103	Latitude:	41.092663 41° 5' 34" North
Project:	202103	Longitude:	-121.175282 -121° 10' 31" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	653250.03
		UTM Y Meters:	4550647.87
		Elevation:	4119.00' above sea level

Maps Provided:

2012
1993
1990
1961

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Topo Sheet Key

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

2012 Source Sheets



Bieber
2012
7.5-minute, 24000

1993 Source Sheets



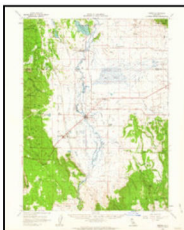
Bieber
1993
7.5-minute, 24000
Aerial Photo Revised 1960

1990 Source Sheets

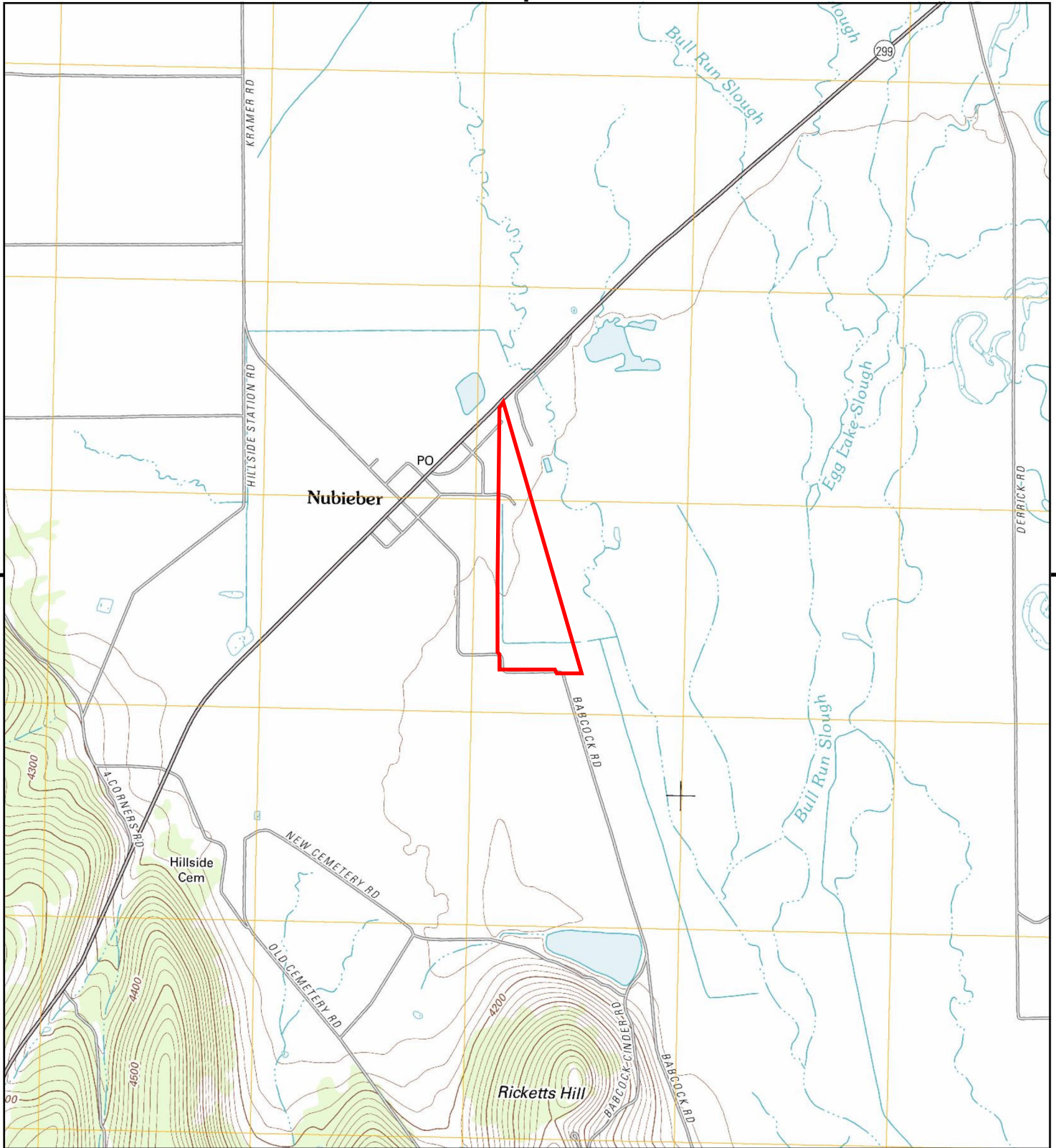


Bieber
1990
7.5-minute, 24000
Aerial Photo Revised 1985

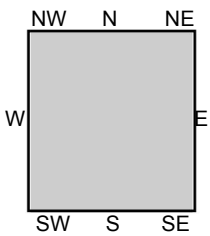
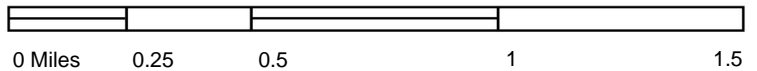
1961 Source Sheets



Bieber
1961
15-minute, 62500
Aerial Photo Revised 1960



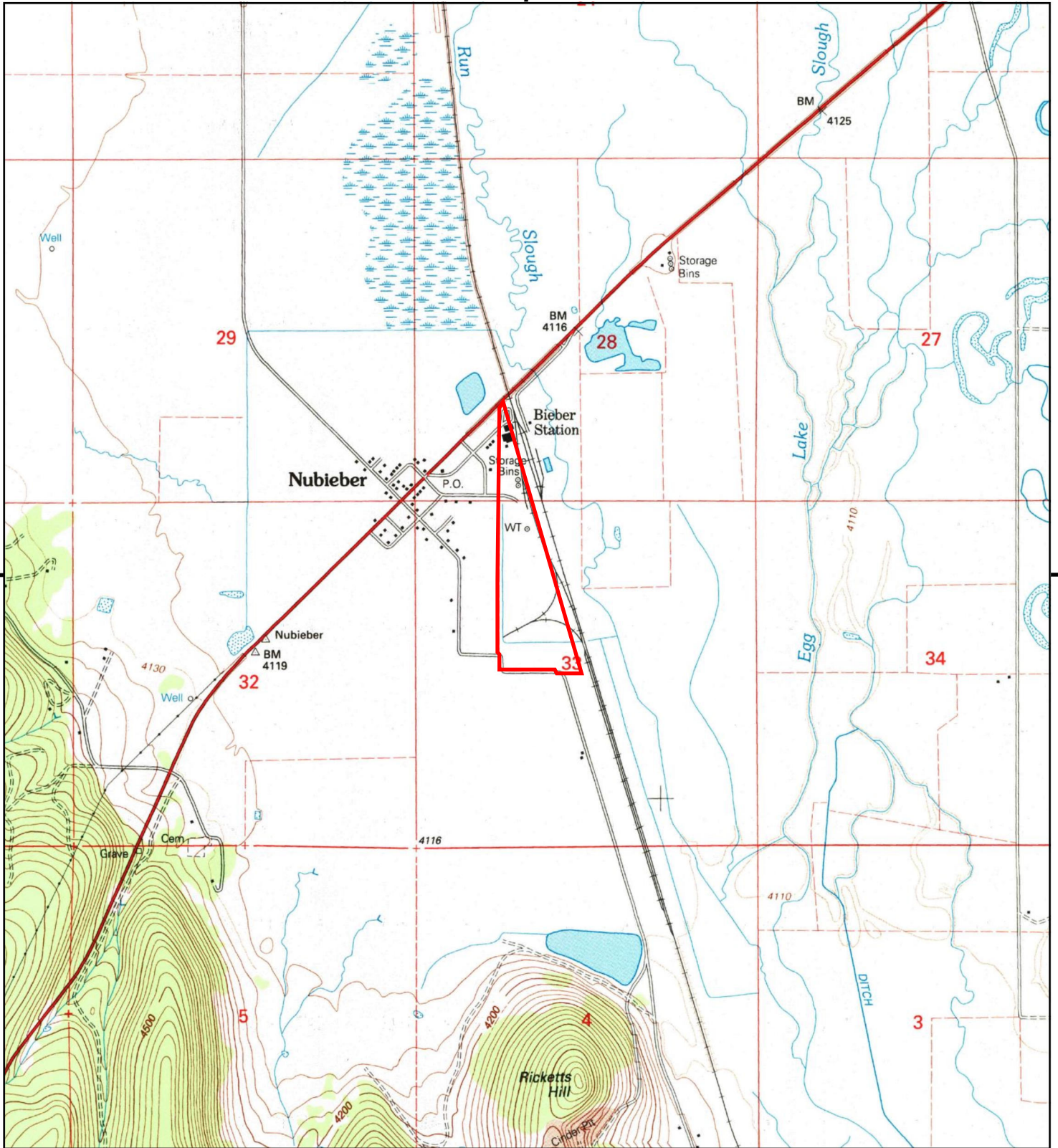
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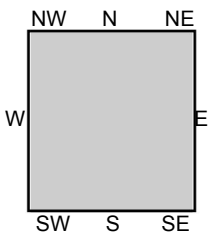
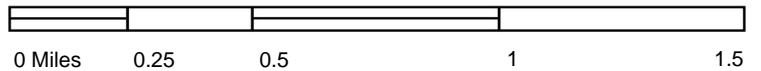
TP, Bieber, 2012, 7.5-minute

SITE NAME: Not Reported
ADDRESS: Not Reported
Mcarthur, CA 96056
CLIENT: Vestra Resources





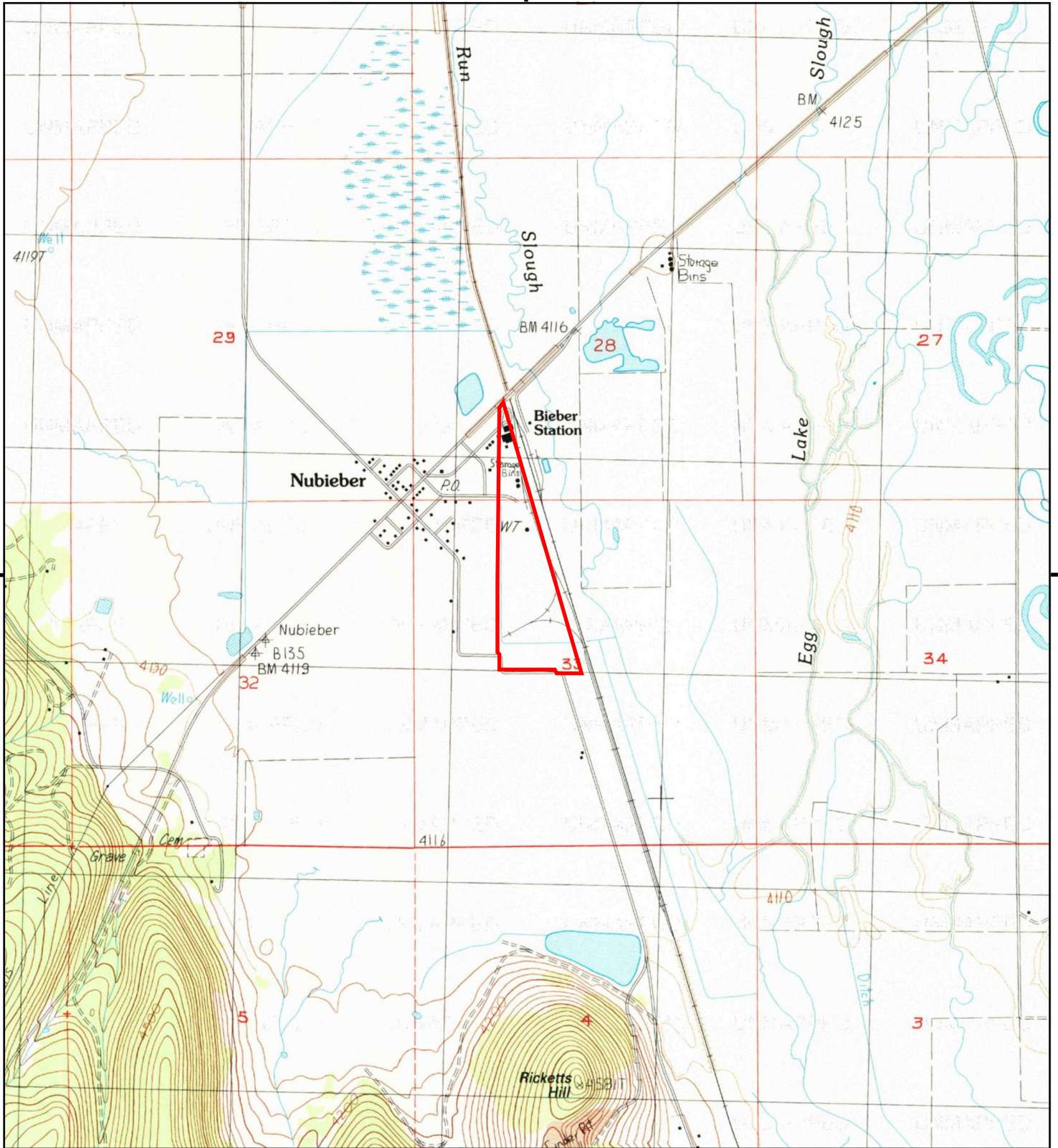
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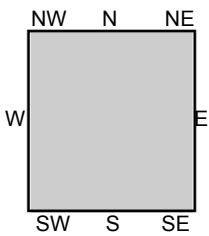
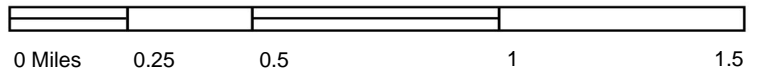
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SITE NAME: Not Reported
ADDRESS: Not Reported
Mcarthur, CA 96056
CLIENT: Vestra Resources





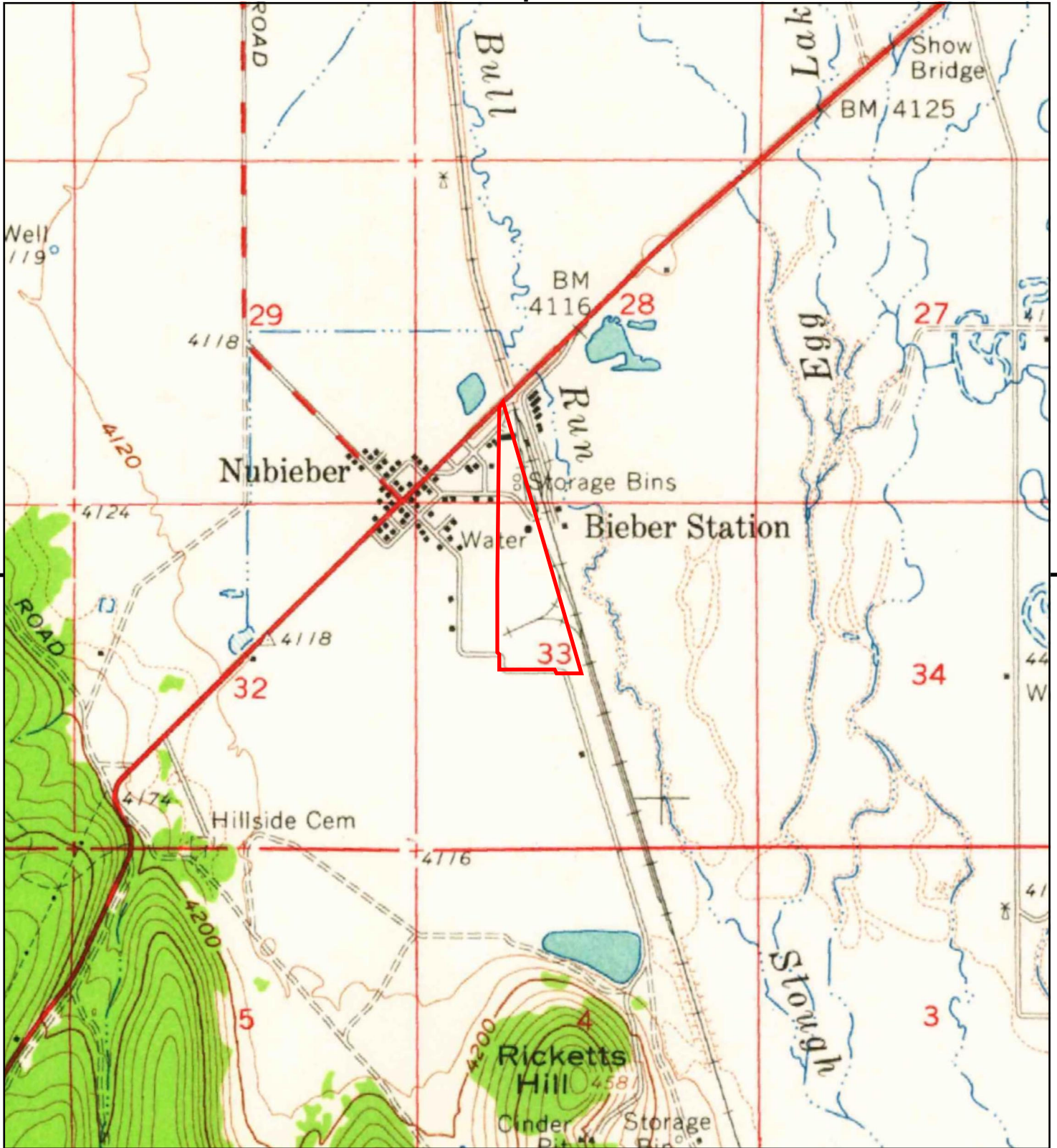
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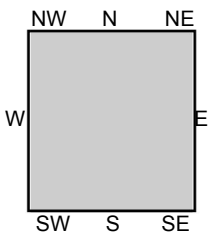
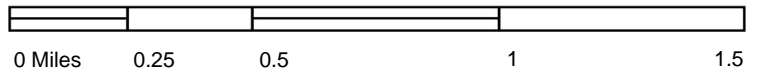
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 ADDRESS: Not Reported
 McArthur, CA 96056
 CLIENT: Vestra Resources





This report includes information from the following map sheet(s).



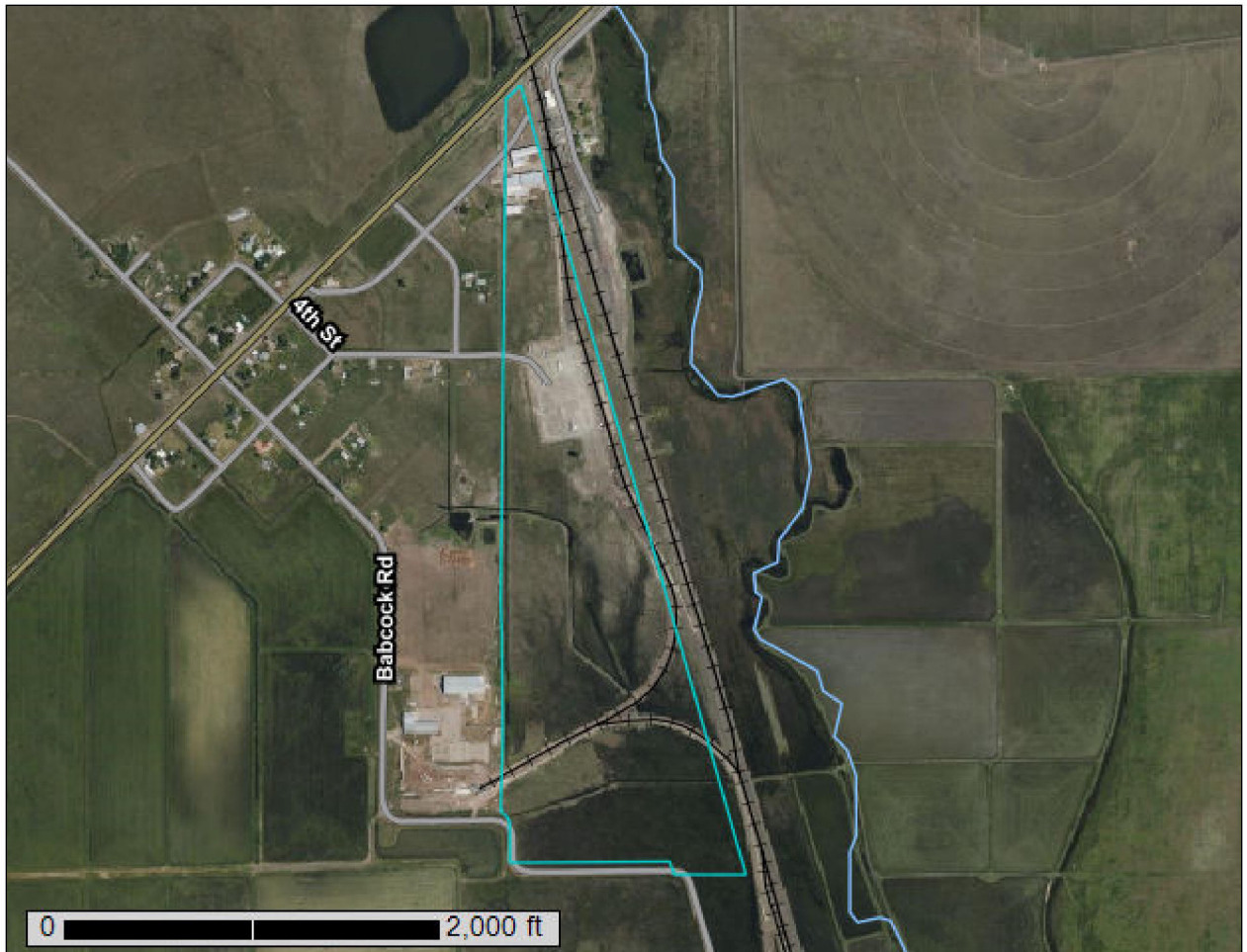
TP, Bieber, 1961, 15-minute

SITE NAME: Not Reported
 ADDRESS: Not Reported
 McArthur, CA 96056
 CLIENT: Vestra Resources



Custom Soil Resource Report for Intermountain Area, Parts of Lassen, Modoc, Shasta, and Siskiyou Counties, California

Parcel_Boundary



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

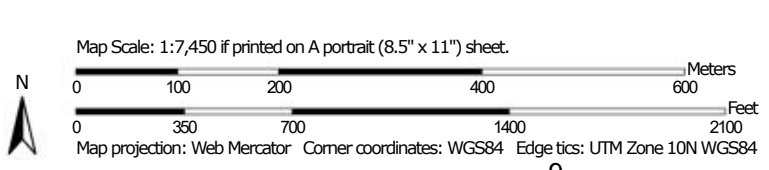
Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map


The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map (Nubieber)



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Intermountain Area, Parts of Lassen, Modoc, Shasta, and Siskiyou Counties, California
 Survey Area Data: Version 14, Jun 1, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 9, 2019—Jun 14, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

MAP LEGEND

MAP INFORMATION

imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend (Nubieber)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
138	Cupvar silty clay, 0 to 2 percent slopes	7.9	12.1%
279	Pit silty clay, drained, 0 to 2 percent slopes	57.0	87.9%
Totals for Area of Interest		64.8	100.0%

Map Unit Descriptions (Nubieber)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

Custom Soil Resource Report

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Intermountain Area, Parts of Lassen, Modoc, Shasta, and Siskiyou Counties, California

138—Cupvar silty clay, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: jbmc
Elevation: 3,300 to 4,500 feet
Mean annual precipitation: 14 to 20 inches
Mean annual air temperature: 48 to 50 degrees F
Frost-free period: 100 to 120 days
Farmland classification: Not prime farmland

Map Unit Composition

Cupvar and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cupvar

Setting

Landform: Basin floors
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from igneous rock

Typical profile

H1 - 0 to 21 inches: silty clay
H2 - 21 to 25 inches: cemented
H3 - 25 to 64 inches: fine sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: 20 to 40 inches to duripan
Drainage class: Moderately well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: NoneFrequent
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water capacity: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): 4w
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: D
Hydric soil rating: No

Minor Components

Esperanza

Percent of map unit: 4 percent
Hydric soil rating: No

Unnamed, soils > 40" deep to hardpan

Percent of map unit: 3 percent
Hydric soil rating: No

Pittville

Percent of map unit: 3 percent
Hydric soil rating: No

279—Pit silty clay, drained, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: jbx
Elevation: 2,500 to 5,300 feet
Mean annual precipitation: 8 to 18 inches
Mean annual air temperature: 45 to 52 degrees F
Frost-free period: 60 to 130 days
Farmland classification: Not prime farmland

Map Unit Composition

Pit and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pit

Setting

Landform: Basin floors
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Fine textured alluvium derived from igneous rock

Typical profile

H1 - 0 to 4 inches: silty clay
H2 - 4 to 40 inches: clay
H3 - 40 to 45 inches: silty clay loam
H4 - 45 to 60 inches: silt loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Medium

Custom Soil Resource Report

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: About 60 to 72 inches

Frequency of flooding: FrequentNone

Frequency of ponding: None

Calcium carbonate, maximum content: 10 percent

Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 30.0

Available water capacity: High (about 10.4 inches)

Interpretive groups

Land capability classification (irrigated): 4w

Land capability classification (nonirrigated): 7w

Hydrologic Soil Group: C

Hydric soil rating: Yes

Minor Components

Pastolla

Percent of map unit: 5 percent

Landform: Basin floors

Hydric soil rating: Yes

Henhill

Percent of map unit: 3 percent

Hydric soil rating: No

Cupvar

Percent of map unit: 2 percent

Hydric soil rating: No

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- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

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United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

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National Flood Hazard Layer FIRMMette



121°11'W 41°6'7"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
MAP PANELS		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **7/26/2021 at 12:15 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

121°10'22'W 41°5'39'N

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

National Flood Hazard Layer FIRMette



121°10'53"W 41°5'45"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
| | | The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. |



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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Not Reported

Not Reported

Mcarthur, CA 96056

Inquiry Number: 6563025.3s

July 02, 2021

The EDR Radius Map™ Report with GeoCheck®



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

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GEOCHECK ADDENDUM

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

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EXECUTIVE SUMMARY

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

NOT REPORTED
MCARTHUR, CA 96056

COORDINATES

Latitude (North): 41.0926630 - 41° 5' 33.58"
Longitude (West): 121.1752820 - 121° 10' 31.01"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 653254.2
UTM Y (Meters): 4550436.0
Elevation: 4119 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602324 BIEBER, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140623
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
NOT REPORTED
MCARTHUR, CA 96056

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	BURLINGTON NORTHERN	1/2 MILE SOUTH OF HI	CPS-SLIC, CERS	Higher	587, 0.111, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

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

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

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

EXECUTIVE SUMMARY

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
CERS HAZ WASTE..... CERS HAZ WASTE
US CDL..... National Clandestine Laboratory Register
PFAS..... PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing
HIST UST..... Hazardous Substance Storage Container Database
CERS TANKS..... California Environmental Reporting System (CERS) Tanks
CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System

EXECUTIVE SUMMARY

COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
HWTS.....	Hazardous Waste Tracking System
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EXECUTIVE SUMMARY

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

State and tribal leaking storage tank lists

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

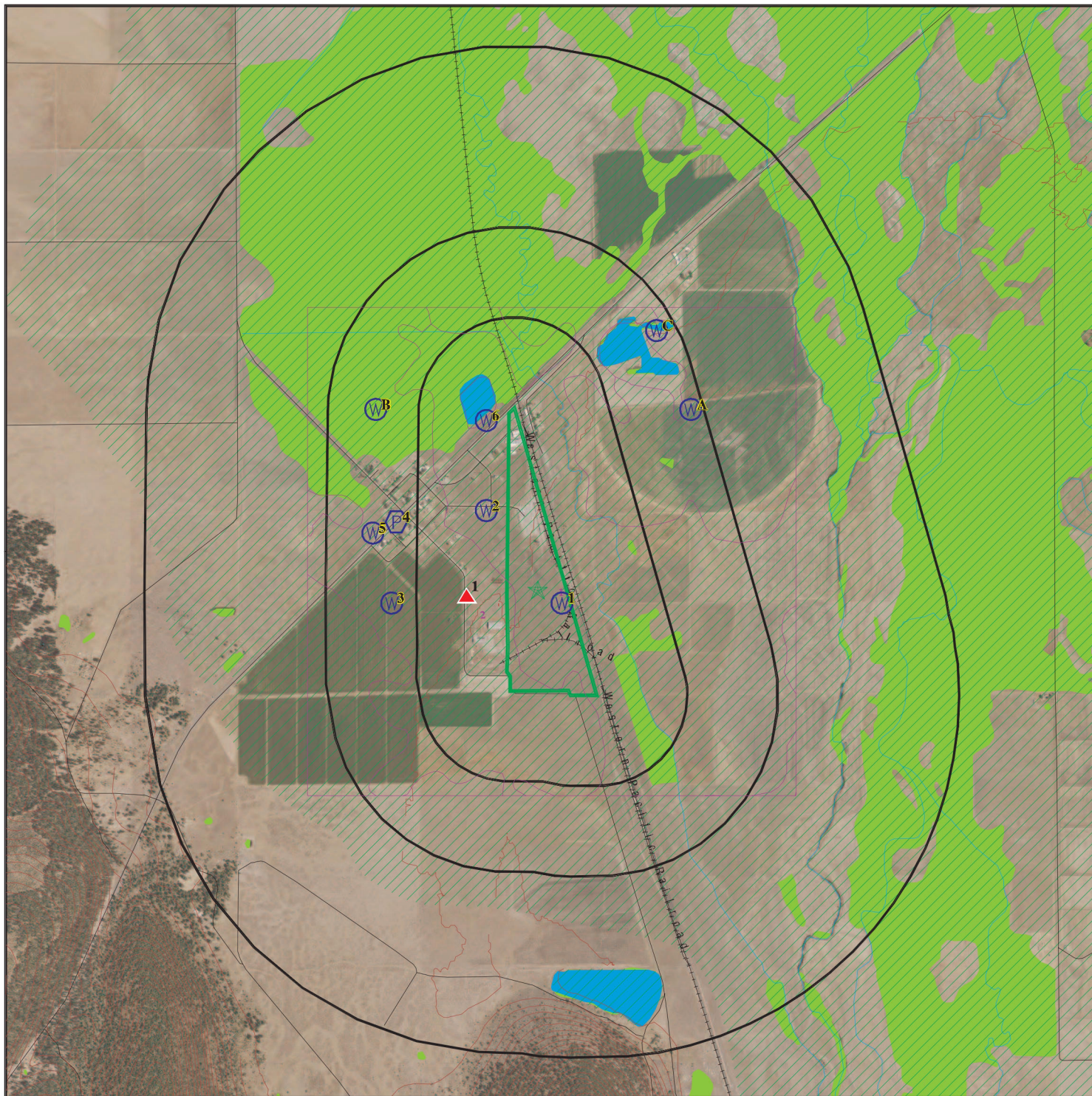
A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BURLINGTON NORTHERN</i>	<i>1/2 MILE SOUTH OF HI</i>	<i>W 0 - 1/8 (0.111 mi.)</i>	<i>1</i>	<i>9</i>
Database: CPS-SLIC, Date of Government Version: 03/08/2021				
Facility Status: Completed - Case Closed				
Global Id: SL0603581829				

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6563025.3S



Target Property

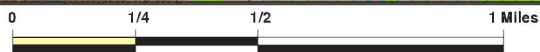
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

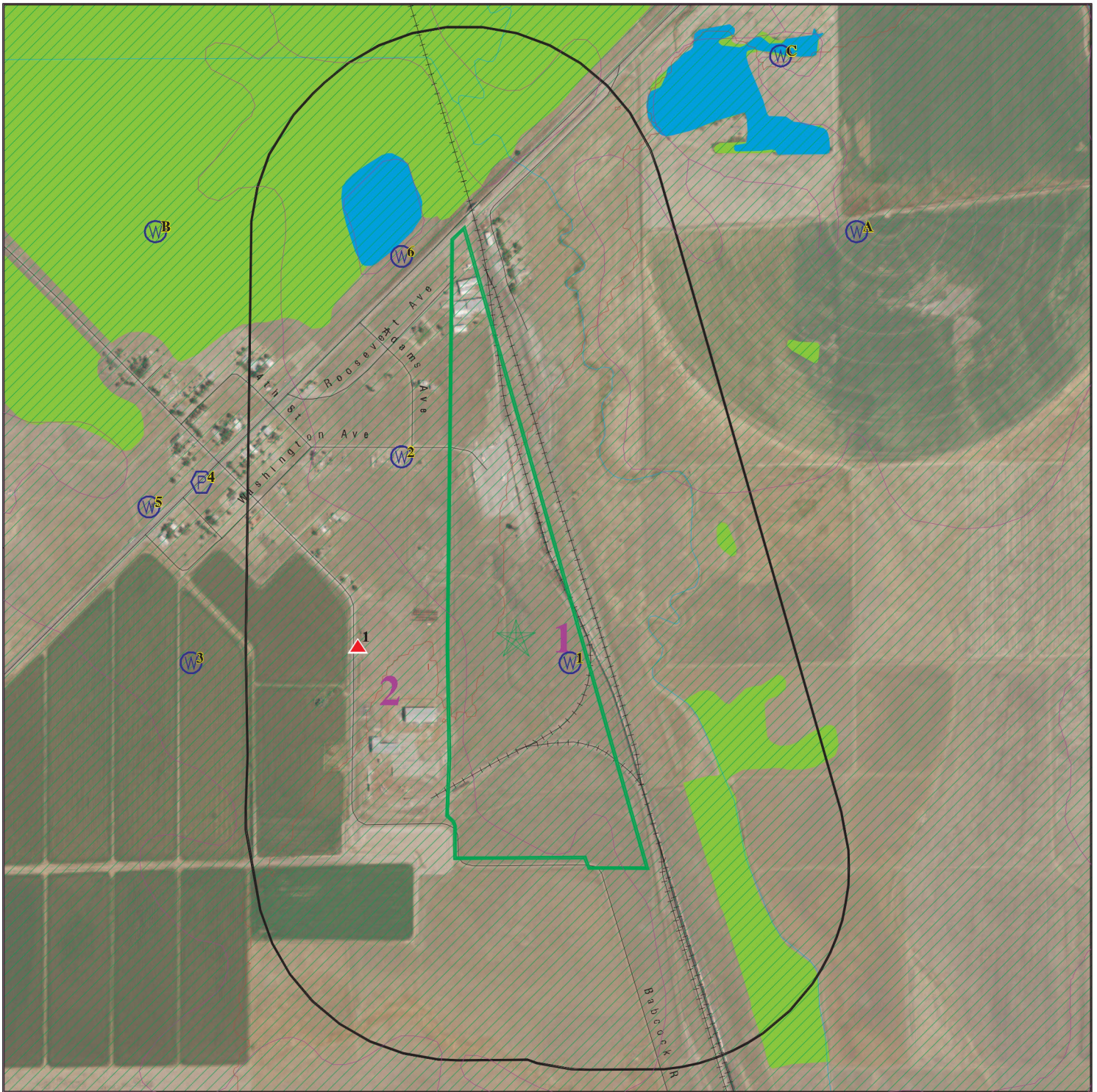









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

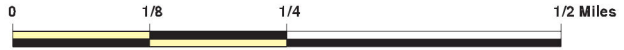
SITE NAME: Not Reported
 ADDRESS: Not Reported
 McArthur CA 96056
 LAT/LONG: 41.092663 / 121.175282







CLIENT: Vestra Resources
 CONTACT: Jennifer Williams
 INQUIRY #: 6563025.3s
 DATE: July 02, 2021 2:52 pm

DETAIL MAP - 6563025.3S



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



-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern



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

SITE NAME: Not Reported
 ADDRESS: Not Reported
 McArthur CA 96056
 LAT/LONG: 41.092663 / 121.175282

CLIENT: Vestra Resources
 CONTACT: Jennifer Williams
 INQUIRY #: 6563025.3s
 DATE: July 02, 2021 2:55 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	0	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	1	0	0	0	0	1
-------------	--	---	---	---	---	---	---	---

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
-----------------	--	----------------------------	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

1
West
< 1/8
0.111 mi.
587 ft.

BURLINGTON NORTHERN SANTA FE RAILWAY-BIEBER STATIO
1/2 MILE SOUTH OF HIGHWAY 299 EAST
NUBIEBER, CA

CPS-SLIC S106855354
CERS N/A

Relative:
Higher
Actual:
4120 ft.

CPS-SLIC:
Name: BURLINGTON NORTHERN SANTA FE RAILWAY-BIEBER STATIO
Address: 1/2 MILE SOUTH OF HIGHWAY 299 EAST
City,State,Zip: NUBIEBER, CA
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 09/01/2005
Global Id: SL0603581829
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5R)
Lead Agency Case Number: Not reported
Latitude: 41.0925065875887
Longitude: -121.179041202624
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT5R1012
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Petroleum - Diesel fuels, * Petroleum - Other
Site History: Not reported

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

CERS:
Name: BURLINGTON NORTHERN SANTA FE RAILWAY-BIEBER STATIO
Address: 1/2 MILE SOUTH OF HIGHWAY 299 EAST
City,State,Zip: NUBIEBER, CA
Site ID: 199801
CERS ID: SL0603581829
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DALE STULTZ - CENTRAL VALLEY RWQCB (REGION 5R)
Entity Title: Not reported
Affiliation Address: 364 Knollcrest Drive, Suite 205
Affiliation City: REDDING
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/30/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
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 known 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: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021	Source: EPA
Date Data Arrived at EDR: 03/23/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	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: 02/09/2021	Source: Department of the Navy
Date Data Arrived at EDR: 02/11/2021	Telephone: 843-820-7326
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 05/05/2021
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/23/2021
	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: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	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: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/08/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 05/03/2021
Number of Days to Update: 83

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: 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
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: 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
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST: 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: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-7439
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	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: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3372
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6271
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-8677
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	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.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: 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 & Cleanup Cost Recovery Listing

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

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

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

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

SLIC REG 7: SLIC List

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

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

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

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

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

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/05/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-327-7844
Date Made Active in Reports: 04/01/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/08/2021	Source: SWRCB
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-341-5851
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 06/08/2021
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	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: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6137
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-9424
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	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: 10/01/2020	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3368
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	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: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020	Source: EPA Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-6136
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	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: 10/01/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
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: 03/15/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/21/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/07/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2020	Telephone: 202-307-1000
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 05/22/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/06/2021
	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: 01/25/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/26/2021	Telephone: 916-323-3400
Date Made Active in Reports: 04/13/2021	Last EDR Contact: 04/23/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/09/2021
	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: 12/31/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-255-6504
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/20/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
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: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	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: 01/20/2021	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-323-2514
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/02/2021
	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: 03/01/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/20/2021	Last EDR Contact: 05/25/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/13/2021
	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: 04/27/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2021	Telephone: 202-564-6023
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	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: 03/02/2021	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/28/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/24/2021	Telephone: 202-366-4555
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2020	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-845-8400
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
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: 02/11/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 47

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/16/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 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: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/23/2021
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: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/30/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/16/2021
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/07/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/16/2021
	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: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 06/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/27/2021
	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: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 05/17/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/30/2021
	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: 01/20/2021	Source: EPA
Date Data Arrived at EDR: 01/21/2021	Telephone: 202-564-4203
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 60	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 703-416-0223
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/13/2021
	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: 01/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2021	Telephone: 202-564-8600
Date Made Active in Reports: 05/11/2021	Last EDR Contact: 04/19/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 03/05/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/16/2021
	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: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 04/09/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/29/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/18/2021
	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: 03/08/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/11/2021	Telephone: 301-415-7169
Date Made Active in Reports: 05/11/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 61	Next Scheduled EDR Contact: 08/02/2021
	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: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 05/27/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/13/2021
	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: 05/27/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/07/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/16/2021
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 06/22/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 04/27/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/09/2021
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/13/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
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: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
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: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/28/2021
Next Scheduled EDR Contact: 08/16/2021
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
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/27/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/27/2021
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/06/2021
	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: 03/23/2021	Source: Department of Interior
Date Data Arrived at EDR: 03/25/2021	Telephone: 202-208-2609
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 06/14/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/20/2021
	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: 02/03/2021	Source: EPA
Date Data Arrived at EDR: 03/03/2021	Telephone: (415) 947-8000
Date Made Active in Reports: 04/05/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/13/2021
	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: 04/04/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/06/2021	Telephone: 202-564-2280
Date Made Active in Reports: 06/25/2021	Last EDR Contact: 07/01/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 04/13/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
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: 02/17/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
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: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

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: 02/26/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
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: 02/23/2021
Date Data Arrived at EDR: 02/25/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 83

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2021	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 03/04/2021	Telephone: 916-327-4498
Date Made Active in Reports: 05/20/2021	Last EDR Contact: 05/25/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018	Source: California Air Resources Board
Date Data Arrived at EDR: 06/16/2020	Telephone: 916-322-2990
Date Made Active in Reports: 08/28/2020	Last EDR Contact: 06/10/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/27/2021
	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: 12/31/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-445-9379
Date Made Active in Reports: 04/09/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/25/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/26/2021	Telephone: 916-255-3628
Date Made Active in Reports: 04/13/2021	Last EDR Contact: 04/14/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/02/2021
	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: 02/08/2021	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 02/12/2021	Telephone: 916-341-6066
Date Made Active in Reports: 05/05/2021	Last EDR Contact: 05/05/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/15/2020	Telephone: 916-255-1136
Date Made Active in Reports: 07/02/2020	Last EDR Contact: 04/09/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICE: ICE

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

Date of Government Version: 02/16/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/17/2021	Telephone: 877-786-9427
Date Made Active in Reports: 05/07/2021	Last EDR Contact: 05/14/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 08/30/2021
	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	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: 02/16/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/17/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/10/2021	Last EDR Contact: 05/14/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/30/2021
	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: 04/05/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/06/2021	Telephone: 916-440-7145
Date Made Active in Reports: 06/23/2021	Last EDR Contact: 07/01/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

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

Date of Government Version: 03/08/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-322-1080
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	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: 01/29/2021	Source: Department of Public Health
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-558-1784
Date Made Active in Reports: 05/20/2021	Last EDR Contact: 05/28/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/09/2021	Telephone: 916-445-9379
Date Made Active in Reports: 05/04/2021	Last EDR Contact: 05/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/23/2021
	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: 03/02/2021	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-445-4038
Date Made Active in Reports: 05/20/2021	Last EDR Contact: 05/28/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/09/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-323-3836
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 03/12/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/16/2021	Telephone: 916-445-3846
Date Made Active in Reports: 06/01/2021	Last EDR Contact: 06/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/08/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-445-2408
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/08/2021	Source: State Water Resource Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/19/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

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: 01/20/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

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: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
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: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

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: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/09/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: 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
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021
Date Data Arrived at EDR: 03/18/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 7

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 08/16/2021
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: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
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: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 80

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/09/2021
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: 01/14/2021
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 80

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 2

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/10/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
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: 05/11/2021
Next Scheduled EDR Contact: 08/30/2021
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: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 08/16/2021
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: 05/25/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 02/10/2021
Date Data Arrived at EDR: 02/12/2021
Date Made Active in Reports: 03/11/2021
Number of Days to Update: 27

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
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: 06/04/2021
Next Scheduled EDR Contact: 08/02/2021
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: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/08/2021	Source: Department of Public Works
Date Data Arrived at EDR: 04/13/2021	Telephone: 626-458-3517
Date Made Active in Reports: 06/28/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/12/2021	Source: La County Department of Public Works
Date Data Arrived at EDR: 04/13/2021	Telephone: 818-458-5185
Date Made Active in Reports: 06/28/2021	Last EDR Contact: 04/13/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/26/2021
	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: 01/01/2021	Source: Engineering & Construction Division
Date Data Arrived at EDR: 02/18/2021	Telephone: 213-473-7869
Date Made Active in Reports: 05/10/2021	Last EDR Contact: 04/07/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 07/26/2021
	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: 06/17/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/04/2021
	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: 02/04/2021	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/16/2021	Telephone: 626-458-6973
Date Made Active in Reports: 04/21/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/26/2021
	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: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 06/28/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 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: 06/17/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 10/19/2020	Source: Community Health Services
Date Data Arrived at EDR: 01/12/2021	Telephone: 323-890-7806
Date Made Active in Reports: 03/26/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/07/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/14/2021
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/02/2021
	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: 09/11/2020	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/07/2020	Telephone: 310-618-2973
Date Made Active in Reports: 12/23/2020	Last EDR Contact: 04/23/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/02/2021
	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	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 05/12/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Varies

MARIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
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: 03/24/2021
Date Data Arrived at EDR: 04/07/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 9

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: 06/02/2021
Next Scheduled EDR Contact: 09/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
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: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 02/03/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/02/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
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: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
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: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 55

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 55

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/27/2021
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: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/12/2021
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: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SAN BENITO: CUPA Facility List Cupa facility list

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 05/03/2021
Number of Days to Update: 4

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
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: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 06/07/2021
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 08/16/2021
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: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/21/2021
Number of Days to Update: 79

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

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

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 08/02/2021
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: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing Cupa facilities

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
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: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

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: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/06/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, 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: 06/10/2021
Next Scheduled EDR Contact: 09/20/2021
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: 06/02/2021
Next Scheduled EDR Contact: 09/20/2021
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: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/26/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 82

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

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: 05/21/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Annually

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: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 09/12/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/28/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/01/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
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: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
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: 12/28/2020
Date Data Arrived at EDR: 01/29/2021
Date Made Active in Reports: 04/22/2021
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
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
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
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
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
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: 03/29/2021
Date Data Arrived at EDR: 04/21/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 2

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST VENTURA: Underground Tank Closed Sites List

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

Date of Government Version: 03/01/2021

Source: Environmental Health Division

Date Data Arrived at EDR: 03/09/2021

Telephone: 805-654-2813

Date Made Active in Reports: 03/31/2021

Last EDR Contact: 06/04/2021

Number of Days to Update: 22

Next Scheduled EDR Contact: 09/20/2021

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: 03/26/2021

Source: Yolo County Department of Health

Date Data Arrived at EDR: 04/01/2021

Telephone: 530-666-8646

Date Made Active in Reports: 06/23/2021

Last EDR Contact: 06/22/2021

Number of Days to Update: 83

Next Scheduled EDR Contact: 10/11/2021

Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021

Source: Yuba County Environmental Health Department

Date Data Arrived at EDR: 04/22/2021

Telephone: 530-749-7523

Date Made Active in Reports: 05/12/2021

Last EDR Contact: 04/24/2021

Number of Days to Update: 20

Next Scheduled EDR Contact: 08/09/2021

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: 10/05/2020

Source: Department of Energy & Environmental Protection

Date Data Arrived at EDR: 02/17/2021

Telephone: 860-424-3375

Date Made Active in Reports: 05/10/2021

Last EDR Contact: 05/11/2021

Number of Days to Update: 82

Next Scheduled EDR Contact: 08/23/2021

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018

Source: Department of Environmental Protection

Date Data Arrived at EDR: 04/10/2019

Telephone: N/A

Date Made Active in Reports: 05/16/2019

Last EDR Contact: 04/09/2021

Number of Days to Update: 36

Next Scheduled EDR Contact: 07/19/2021

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

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

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/13/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Annually

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 Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
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 and 2010 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

NOT REPORTED
NOT REPORTED
MCARTHUR, CA 96056

TARGET PROPERTY COORDINATES

Latitude (North):	41.092663 - 41° 5' 33.59"
Longitude (West):	121.175282 - 121° 10' 31.02"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	653254.2
UTM Y (Meters):	4550436.0
Elevation:	4119 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5602324 BIEBER, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06035C0335D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06035C0350D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> BIEBER SW	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	---

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

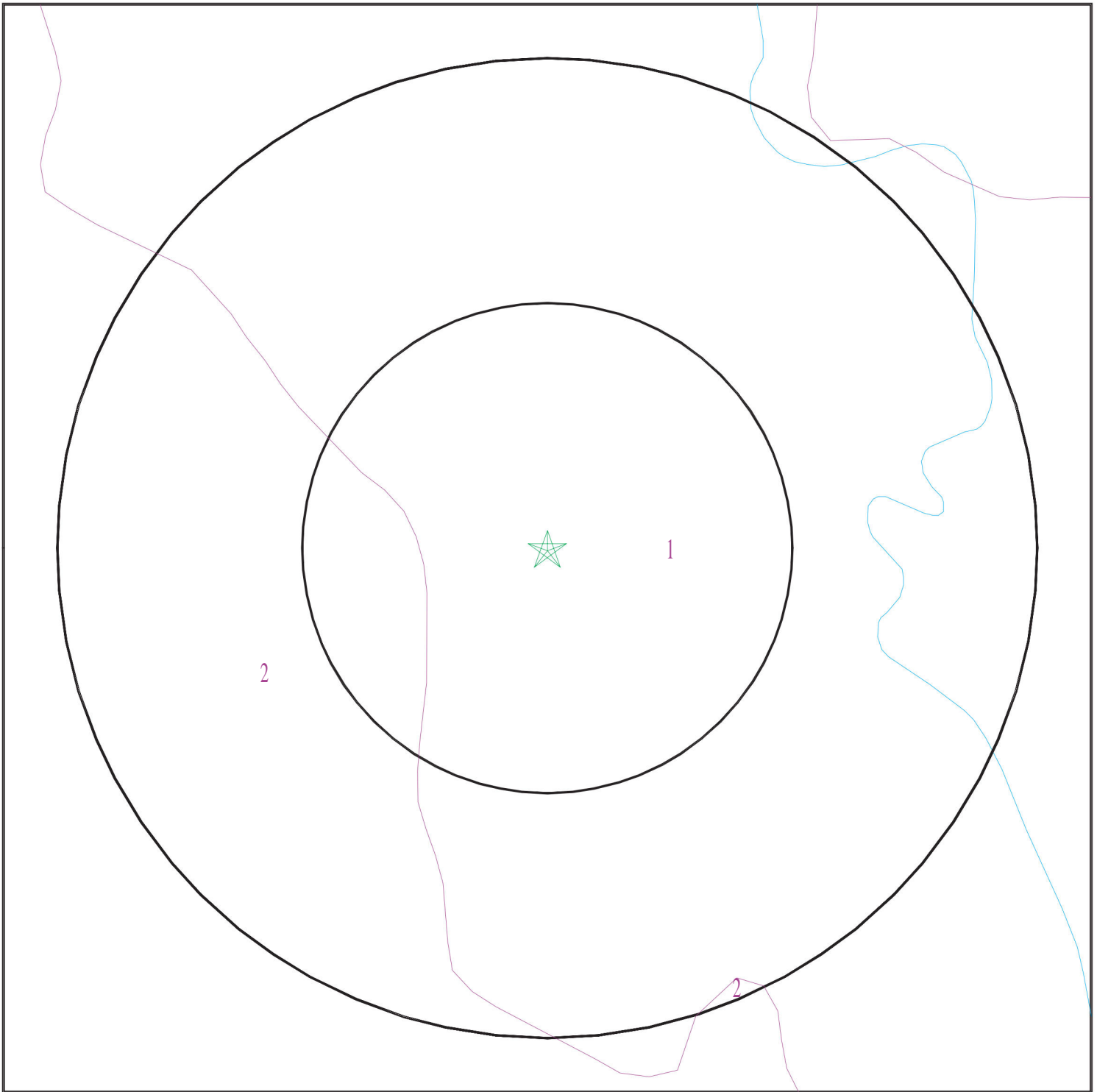
Era: Cenozoic
System: Tertiary
Series: Pliocene
Code: Tpc (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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 - 6563025.3s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Not Reported
ADDRESS: Not Reported
Mcarthur CA 96056
LAT/LONG: 41.092663 / 121.175282

CLIENT: Vestra Resources
CONTACT: Jennifer Williams
INQUIRY #: 6563025.3s
DATE: July 02, 2021 2:55 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: PIT

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 168 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	silty clay	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
2	3 inches	40 inches	silty clay loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
3	40 inches	44 inches	silty clay loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
4	44 inches	59 inches	silt loam	Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: CUPVAR

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 8.4 Min: 7.4
2	20 inches	25 inches	cemented	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 8.4 Min: 7.4
3	25 inches	64 inches	fine sandy loam	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
4	CA1800543	1/4 - 1/2 Mile WNW

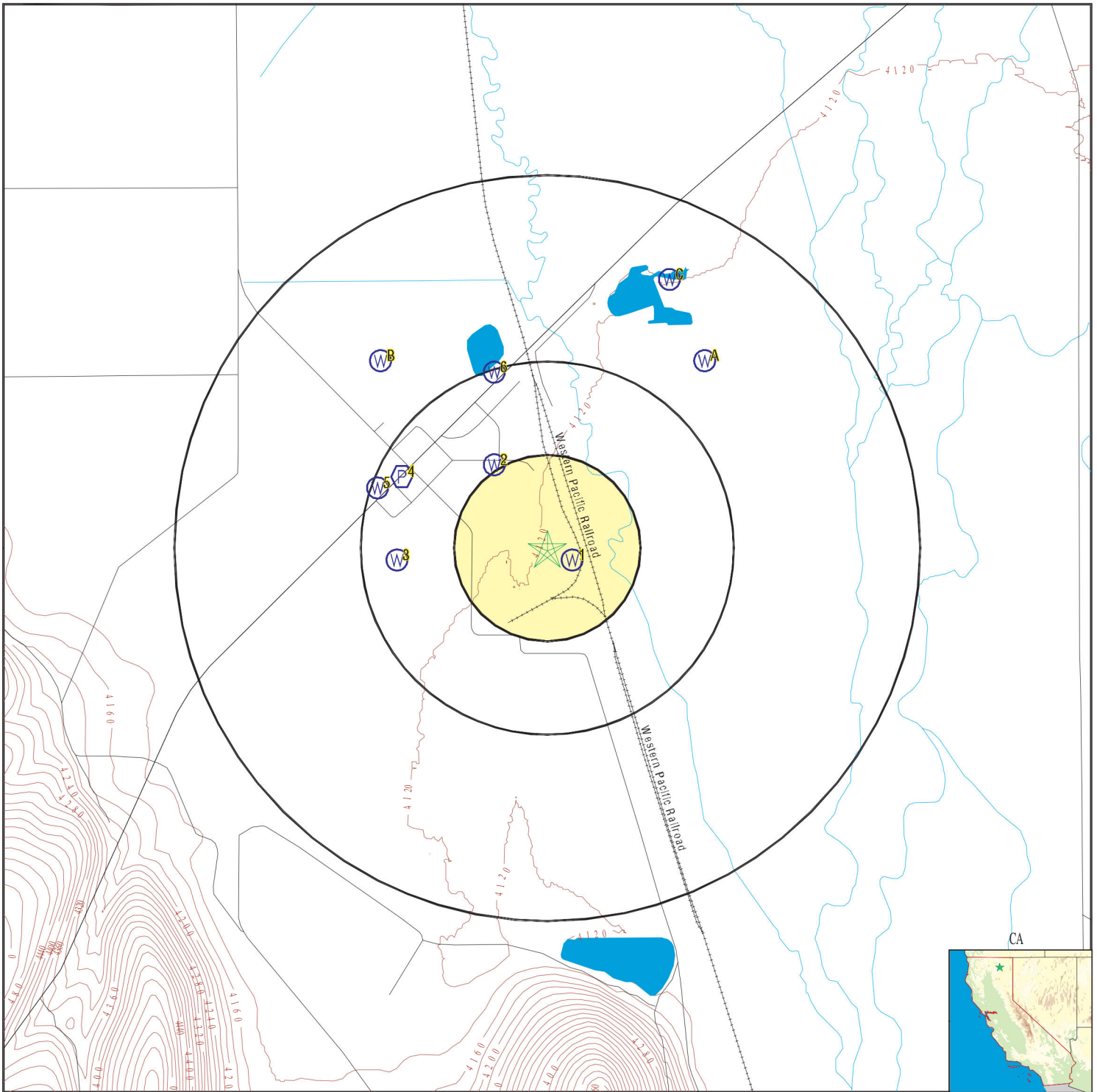
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADWR0000013107	0 - 1/8 Mile ESE
2	CADWR0000009055	1/4 - 1/2 Mile NNW
3	CADWR0000025726	1/4 - 1/2 Mile West
5	CADWR9000043469	1/4 - 1/2 Mile WNW
6	CADWR0000031602	1/4 - 1/2 Mile NNW
A7	19110	1/2 - 1 Mile NE
B8	CADDW0000005001	1/2 - 1 Mile NW
B9	CADDW0000021669	1/2 - 1 Mile NW
A10	CADDW0000012649	1/2 - 1 Mile NE
B11	19109	1/2 - 1 Mile NW
B12	19108	1/2 - 1 Mile NW
C13	CADWR0000030576	1/2 - 1 Mile NNE
C14	CADWR0000010661	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 6563025.3s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Not Reported
 ADDRESS: Not Reported
 McArthur CA 96056
 LAT/LONG: 41.092663 / 121.175282

CLIENT: Vestra Resources
 CONTACT: Jennifer Williams
 INQUIRY #: 6563025.3s
 DATE: July 02, 2021 2:55 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
ESE
0 - 1/8 Mile
Higher

CA WELLS CADWR0000013107

Well ID:	38N07E33C001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	38N07E33C001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=38N07E33C001M&store_num=		
GeoTracker Data:	Not Reported		

2
NNW
1/4 - 1/2 Mile
Higher

CA WELLS CADWR0000009055

Well ID:	38N07E28N009M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	38N07E28N009M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=38N07E28N009M&store_num=		
GeoTracker Data:	Not Reported		

3
West
1/4 - 1/2 Mile
Higher

CA WELLS CADWR0000025726

Well ID:	38N07E32A006M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	38N07E32A006M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=38N07E32A006M&store_num=		
GeoTracker Data:	Not Reported		

4
WNW
1/4 - 1/2 Mile
Higher

FRDS PWS CA1800543

PWS ID:	CA1800543	PWS type:	System Owner/Responsible Party
PWS name:	SHAMROCK RESTAURANT	PWS address:	Not Reported
PWS city:	NUBIEBER	PWS state:	CA
PWS zip:	96068	PWS ID:	CA1800543
Activity status:	Active	Date system activated:	9301
Date system deactivated:	Not Reported	Retail population:	00000150
System name:	TRACY'S FAMILY DINING	System address:	SHAMROCK RESTAURANT
System address:	PO BOX 3	System city:	NUBIEBER
System state:	CA	System zip:	96068
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	410544	Longitude:	1211054

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

5
WNW
1/4 - 1/2 Mile
Higher **CA WELLS** **CADWR9000043469**

State Well #:	38N07E32A002M	Station ID:	22096
Well Name:	38N07E32A002M	Basin Name:	Big Valley
Well Use:	Other	Well Type:	Single Well
Well Depth:	49	Well Completion Rpt #:	Not Reported

6
NNW
1/4 - 1/2 Mile
Higher **CA WELLS** **CADWR0000031602**

Well ID:	38N07E28M002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	38N07E28M002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=38N07E28M002M&store_num=		
GeoTracker Data:	Not Reported		

A7
NE
1/2 - 1 Mile
Higher **CA WELLS** **19110**

Seq:	19110	Prim sta c:	38N/07E-28P02 M
Frds no:	1800591002	County:	18
District:	02	User id:	BUG
System no:	1800591	Water type:	G
Source nam:	WELL 01 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	410600.0	Longitude:	1211000.0
Precision:	4	Status:	IR
Comment 1:	WELL TO LEFT OF ACCESS RD OFF HWY 299. THE WELL IS BEFORE RAILROAD		
Comment 2:	DORM ON SAME SIDE OF ACCESS RD. ACCESS RD IS JUST NORTH OF THE NUBIE-		
Comment 3:	BER OVERCORSSING. WELL HOUSE IS MUSTARD COLORED & ~ 15' W OF DORM.		
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	1800591	System nam:	Union Pacific Railroad - Nubieber
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

B8
NW
1/2 - 1 Mile
Higher **CA WELLS** **CADDW0000005001**

Well ID:	1800608-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1800608-001&store_num=
 GeoTracker Data: Not Reported

**B9
NW
1/2 - 1 Mile
Higher**

CA WELLS CADDW0000021669

Well ID: 1801002-001 Well Type: MUNICIPAL
 Source: Department of Health Services
 Other Name: WELL 01 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1801002-001&store_num=
 GeoTracker Data: Not Reported

**A10
NE
1/2 - 1 Mile
Lower**

CA WELLS CADDW0000012649

Well ID: 1800591-002 Well Type: MUNICIPAL
 Source: Department of Health Services
 Other Name: WELL 01 - INACTIVE GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1800591-002&store_num=
 GeoTracker Data: Not Reported

**B11
NW
1/2 - 1 Mile
Higher**

CA WELLS 19109

Seq:	19109	Prim sta c:	38N/07E-28P01 M
Frds no:	1800608001	County:	18
District:	02	User id:	BUG
System no:	1800608	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	410600.0	Longitude:	1211100.0
Precision:	4	Status:	AR
Comment 1:	WELL ~ 75' S/W OF OFFICE ON ROSEVELT ST OFF HWY 299, NUBIEBER. WELL		
Comment 2:	IN SMALL METAL WELL HOUSE. SAMPLING TAP IS NEXT TO OFFICE ON S/E SIDE		
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1800608	System nam:	Clear Pine Products
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B12
NW
1/2 - 1 Mile
Higher

CA WELLS 19108

Seq:	19108	Prim sta c:	38N/07E-28N03 M
Frds no:	1801002001	County:	18
District:	02	User id:	BUG
System no:	1801002	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	410600.0	Longitude:	1211100.0
Precision:	4	Status:	AR
Comment 1:	LOCATED DOWN ROOSEVELT ST FROM NUBIEBER POST OFFICE & BEFORE CLEAR PIN		
Comment 2:	E PRODUCTS. WELL IS AT THE S/W END OF SINGLE STORY APARTMENT BUILDING		
Comment 3:	ROOSEVELT ST IS OFF HWY 299, NUBIEBER.		
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1801002	System nam:	Darnell Apartment
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

C13
NNE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000030576

Well ID:	38N07E28G002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	38N07E28G002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=38N07E28G002M&store_num=		
GeoTracker Data:	Not Reported		

C14
NNE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000010661

Well ID:	38N07E28G001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	38N07E28G001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=38N07E28G001M&store_num=		
GeoTracker Data:	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
96056	3	0

Federal EPA Radon Zone for LASSEN County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 96056

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.033 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory

Source: Department of Fish 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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's 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 Health 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 IRRA 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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***Federal Railroad Administration
Office of Safety
Headquarters Assigned
Accident Investigation Report
HQ-2005-03***

***Burlington Northern Santa Fe (BNSF)
Bieber, California
January 8, 2005***

Note that 49 U.S.C. §20903 provides that no part of an accident or incident report made by the Secretary of Transportation/Federal Railroad Administration under 49 U.S.C. §20902 may be used in a civil action for damages resulting from a matter mentioned in the report.

1. Name of Railroad Operating Train #1 BNSF Rwy Co. [BNSF]		1a. Alphabetic Code BNSF		1b. Railroad Accident/Incident No. NW0105107	
2. Name of Railroad Operating Train #2 BNSF Rwy Co. [BNSF]		2a. Alphabetic Code BNSF		2b. Railroad Accident/Incident NW0105107	
3. Name of Railroad Responsible for Track Maintenance: BNSF Rwy Co. [BNSF]		3a. Alphabetic Code BNSF		3b. Railroad Accident/Incident No. NW0105107	
4. U.S. DOT_AAR Grade Crossing Identification Number		5. Date of Accident/Incident Month Day Year 01 08 2005		6. Time of Accident/Incident 04:55: <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	

7. Type of Accident/Incident (single entry in code box)						01						
1. Derailment	2. Head on collision	3. Rear end collision	4. Side collision	5. Raking collision	6. Broken Train collision	7. Hwy-rail crossing	8. RR grade crossing	9. Obstruction	10. Explosion-detonation	11. Fire/violent rupture	12. Other impacts	13. Other (describe in narrative)

8. Cars Carrying HAZMAT	9. HAZMAT Cars Damaged/Derailed	10. Cars Releasing HAZMAT	11. People Evacuated	12. Division
9	0	0	0	Northwest

13. Nearest City/Town Bieber		14. Milepost (to nearest tenth) 89.7		15. State Abbr Code N/A CA		16. County LASSEN	
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17. Temperature (F) (specify if minus) 31 F	18. Visibility (single entry) Code 1. Dawn 3. Dusk 2. Day 4. Dark 4		19. Weather (single entry) Code 1. Clear 3. Rain 5. Sleet 2. Cloudy 4. Fog 6. Snow 6			20. Type of Track Code 1. Main 3. Siding 2. Yard 4. Industry 1	
--	--	--	---	--	--	---	--

21. Track Name/Number Main Line (9801)		22. FRA Track Code Class (1-9, X) 3		23. Annual Track Density (gross tons in millions) 11.86		24. Time Table Direction Code 1. North 3. East 1	
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OPERATING TRAIN #1

25. Type of Equipment Consist (single entry)		1. Freight train	2. Passenger train	3. Commuter train	4. Work train	5. Single car	6. Cut of cars	7. Yard/switching	8. Light loco(s).	9. Maint./inspect.car	A. Spec. MoW Equip. Code	26. Was Equipment Attended?	27. Train Number/Symbol
											6	1. Yes 2. No 2	JCUTC ARS08

28. Speed (recorded speed, if available) Code R - Recorded E - Estimated 0 MPH R		30. Method(s) of Operation (enter code(s) that apply) a. ATCS g. Automatic block m. Special instructions b. Auto train control h. Current of traffic n. Other than main track c. Auto train stop i. Time table/train orders o. Positive train control d. Cab j. Track warrant control p. Other (Specify in narrative) Code(s) e. Traffic k. Direct traffic control f. Interlocking l. Yard limits						30a. Remotely Controlled Locomotive? 0 = Not a remotely controlled 1 = Remote control portable 2 = Remote control tower 3 = Remote control transmitter - more than one remote control transmitter	
29. Trailing Tons (gross tonnage, excluding power units) 0		j N/A N/A N/A N/A						0	

31. Principal Car/Unit		a. Initial and Number	b. Position in Train	c. Loaded (yes/no)	32. If railroad employee(s) tested for drug/alcohol use, enter the number that were positive in the appropriate box.			Alcohol	Drugs
(1) First involved (derailed, struck, etc)		N/A	1	yes				0	0
(2) Causing (if mechanical cause reported)		0	0	N/A	33. Was this consist transporting passengers? (Y/N)			N	

34. Locomotive Units		a. Head End	b. Mid Train		c. Rear End		35. Cars		a. Freight		b. Pass.		c. Freight		d. Pass.		e. Caboose	
(1) Total in Train		0	0	0	0	0	(1) Total in Equipment Consist		8	0	0	0	0	0	0	0	0	0
(2) Total Derailed		0	0	0	0	0	(2) Total Derailed		2	0	0	0	0	0	0	0	0	0

36. Equipment Damage This Consist		58165	37. Track, Signal, Way, & Structure Damage		0	38. Primary Cause Code		H702	39. Contributing Cause Code		N/A
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Number of Crew Members				Length of Time on Duty			
40. Engineer/Operators	41. Firemen	42. Conductors	43. Brakemen	44. Engineer/Operator		45. Conductor	
N/A	0	0	0	Hrs 0 Mi 0	Hrs 0 Mi 0		

Casualties to:		46. Railroad Employees	47. Train Passengers	48. Other	49. EOT Device?		50. Was EOT Device Properly Armed?	
Fatal		0	0	0	1. Yes 2. No 2		1. Yes 2. No N/A	
Nonfatal		N/A	0	0	51. Caboose Occupied by Crew?			
				1. Yes 2. No		2		

OPERATING TRAIN #2

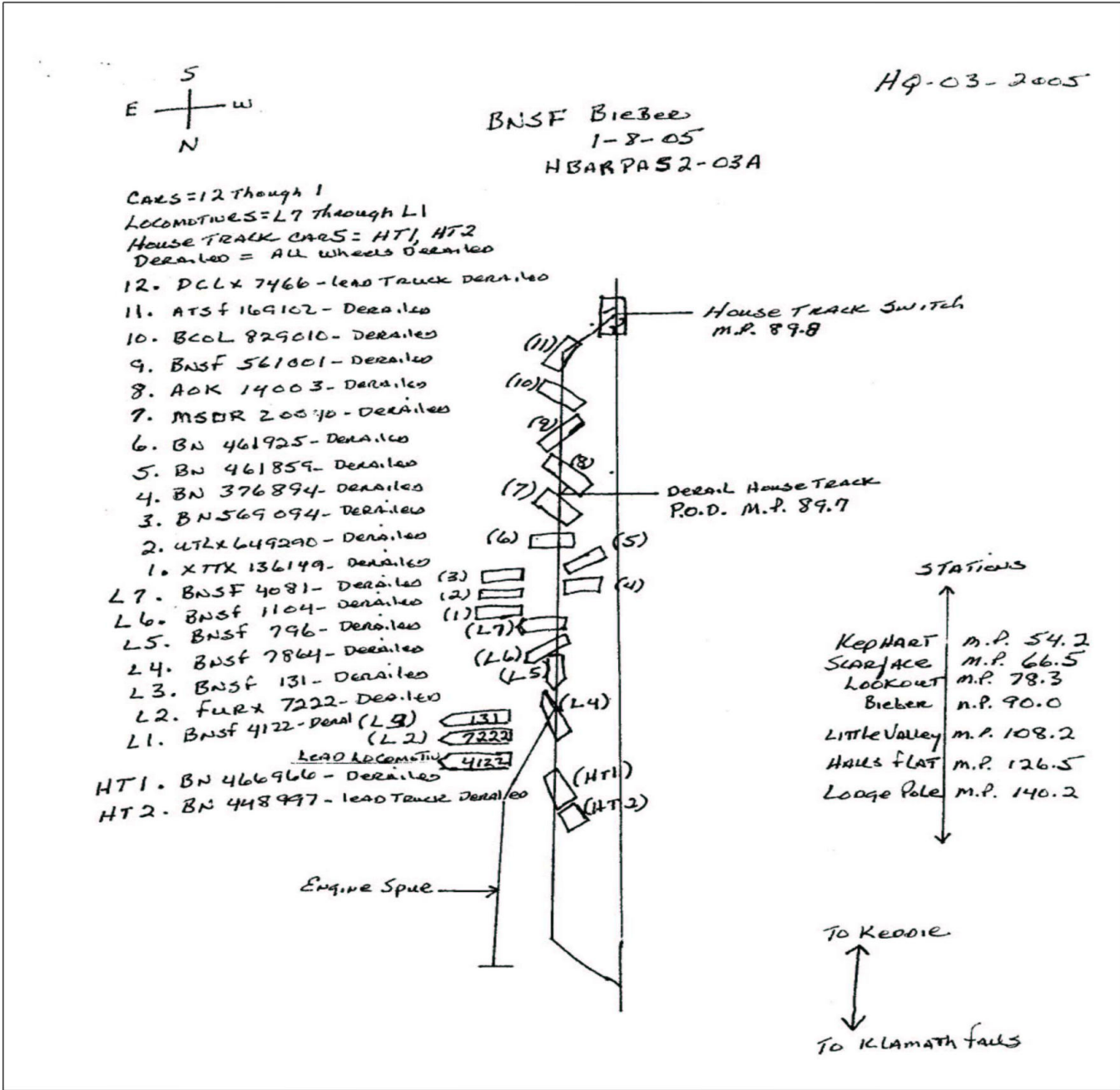
52. Type of Equipment Consist (single entry)		1. Freight train	2. Passenger train	3. Commuter train	4. Work train	5. Single car	6. Cut of cars	7. Yard/switching	8. Light loco(s).	9. Maint./inspect.car	A. Spec. MoW Equip. Code	53. Was Equipment Attended?	54. Train Number/Symbol
											1	1. Yes 2. No 1	HBARP AS203

55. Speed (recorded speed, if available) Code R - Recorded E - Estimated 36 MPH R		57. Method(s) of Operation (enter code(s) that apply) a. ATCS g. Automatic block m. Special instructions b. Auto train control h. Current of traffic n. Other than main track						57a. Remotely Controlled Locomotive? 0 = Not a remotely controlled 1 = Remote control portable	
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56. Trailing Tons (gross tonnage, excluding power units)		3175		c. Auto train stop d. Cab e. Traffic f. Interlocking		i. Time table/train orders j. Track warrant control k. Direct traffic control l. Yard limits		o. Positive train control p. Other (Specify in narrative) Code(s)		2 = Remote control tower 3 = Remote control transmitter - more than one remote control transmitter		0					
58. Principal Car/Unit		a. Initial and Number		b. Position in Train		c. Loaded(yes/no)		59. If railroad employee(s) tested for drug/alcohol use, enter the number that were positive in the appropriate box.				Alcohol		Drugs			
(1) First involved (derailed, struck, etc)		BNSF41 22		1		N/A						0		0			
(2) Causing (if mechanical cause reported)		0		0		N/A		60. Was this consist transporting passengers? (Y/N)				N/A					
61. Locomotive Units		a. Head End		Mid Train		Rear End		62. Cars		Loade		Empty		e. Caboose			
				b. Manual		c. Remote				a. Freight		b. Pass.		c. Freight		d. Pass.	
(1) Total in Train		7		0		0		(1) Total in Equipment Consist		9		0		9		0	
(2) Total Derailed		7		0		0		(2) Total Derailed		0		0		9		0	
63. Equipment Damage This Consist		728727		64. Track, Signal, Way, & Structure Damage		270000		65. Primary Cause Code		H702		66. Contributing Cause Code		N/A			
Number of Crew Members				Length of Time on Duty													
67. Engineer/Operators		68. Firemen		69. Conductors		70. Brakemen		71. Engineer/Operator		72. Conductor							
1		0		1		0		Hrs 5 Mi 10		Hrs 5 Mi 10							
Casualties to:		73. Railroad Employees		74. Train Passengers		75. Other		76. EOT Device?		77. Was EOT Device Properly Armed?							
Fatal		0		0		0		1. Yes 2. No 1		1. Yes 2. No 1							
Nonfatal		2		0		0		78. Caboose Occupied by Crew?								2	
								1. Yes 2. No									
Highway User Involved				Rail Equipment Involved													
79. Type		C. Truck-Trailer. F. Bus J. Other Motor Vehicle		Code		83. Equipment		3. Train (standing)		6. Light Loco(s) (moving)		Code					
A. Auto D. Pick-Up Truck G. School Bus K. Pedestrian				N/A		1. Train(units pulling)		4. Car(s)(moving)		7. Light(s) (standing)		N/A					
B. Truck E. Van H. Motorcycle M. Other (spec. in narrative)				N/A		2. Train(units pushing)		5. Car(s)(standing)		8. Other (specify in narrative)		N/A					
80. Vehicle Speed (est. MPH at impact)		0		81. Direction geographical		Code		84. Position of Car Unit in Train		0							
				1. North 2. South 3. East 4. West		N/A											
82. Position				Code		85. Circumstance		Code									
1. Stalled on Crossing 2. Stopped on Crossing 3. Moving Over Crossing 4. Trapped				N/A		1. Rail Equipment Struck Highway User		N/A									
86a. Was the highway user and/or rail equipment involved in the impact transporting hazardous materials?				Code		86b. Was there a hazardous materials release by		Code									
1. Highway User 2. Rail Equipment 3. Both 4. Neither				N/A		1. Highway User 2. Rail Equipment 3. Both 4. Neither		N/A									
86c. State here the name and quantity of the hazardous materials released, if any.														N/A			
87. Type of Crossing		1. Gates		4. Wig Wags		7. Crossbucks		10. Flagged by crew		88. Signaled Crossing Warning		Code		89. Whistle Ban		Code	
Warning		2. Cantilever FLS		5. Hwy. traffic signals		8. Stop signs		11. Other (spec. in narr.)		(See instructions for codes)		N		1. Yes		Code	
Code(s)		N/A		N/A		N/A		N/A						2. No		N/A	
														3. Unknown			
90. Location of Warning		Code		91. Crossing Warning Interconnected with Highway Signals		Code		92. Crossing Illuminated by Street Lights or Special Lights		Code							
1. Both Sides				1. Yes		N/A		1. Yes		N/A							
2. Side of Vehicle Approach				2. No				2. No									
3. Opposite Side of Vehicle Approach		N/A		3. Unknown				3. Unknown									
93. Driver's Age		94. Driver's Gender		Code		95. Driver Drove Behind or in Front of Train and Struck or was Struck by Second Train		Code		96. Driver		Code					
0		1. Male		N/A		1. Yes 2. No 3. Unknown		N/A		1. Drove around or thru the Gate		4. Stopped on Crossing					
		2. Female								2. Stopped and then Proceeded		5. Other (specify in narrative)		N/A			
										3. Did not Stop							
97. Driver Passed Standing Highway Vehicle		Code		98. View of Track Obscured by (primary obstruction)		Code											
1. Yes 2. No 3. Unknown		N/A		1. Permanent Structure 3. Passing Train 5. Vegetation 7. Other (specify in narrative)		N/A											
				2. Standing Railroad Equipment 4. Topography 6. Highway Vehicle 8. Not obstructed													
101. Casualties to Highway-Rail Crossing Users		Killed		Injured		99. Driver Was		Code		100. Was Driver in the Vehicle?		Code					
		0		0		1. Killed 2. Injured 3. Uninjured		N/A		1. Yes 2. No		N/A					
						102. Highway Vehicle Property Damage (est. dollar damage)		0		103. Total Number of Highway-Rail Crossing Users (include driver)		0					
104. Locomotive Auxiliary Lights?		Code		105. Locomotive Auxiliary Lights Operational?		Code											
1. Yes 2. No		N/A		1. Yes 2. No		N/A											
106. Locomotive Headlight Illuminated?		Code		107. Locomotive Audible Warning Sounded?		Code											
1. Yes 2. No		N/A		1. Yes 2. No		N/A											

108. DRAW A SKETCH OF ACCIDENT AREA INCLUDING ALL TRACKS, SIGNALS, SWITCHES, STRUCTURES, OBJECTS, ETC., INVOLVED.

HQ-03-2005.jpg



109. SYNOPSIS OF THE ACCIDENT

Train No. 1:

On January 7, 2005, at 7:10 p.m. PST, a southbound BNSF local freight train, L-NWE8911-07, set out the entire consist of eight cars at Bieber, California, in the house track. Thereafter, those cars were re-designated as job number J-CUTCARS-08. After setting out the cars, the brakeman applied the required number of handbrakes to properly secure the cars, lined the derail in the correct position to protect the cars in the house track from rolling toward the main track but walked past the main line switch without restoring it to its normal position for main track movement. Train No. 1 then departed Bieber, leaving the main track switch lined onto the house track for a northbound movement.

Train No. 2:

At 4:55 a.m. PST on January 8, 2005, the crew of a northbound BNSF freight train, H-BARPAS2-03, consisting of seven locomotives, 13 loads and 44 empty freight cars was traveling at 40 mph. The engineer observed the house track switch at Bieber was lined against the movement and he initiated an emergency application of the train's air brake system about 100 feet prior to entering the house track switch. Train No. 2 traveled over the bi-directional derail which derailed the leading locomotive in an easterly direction. The leading locomotive then struck the southern most freight car of Train No. 1 in the house track in a glancing blow, also derailling two of the eight cars in the track. All seven of the locomotives and 12 empty freight cars of Train No. 2 derailed as a result of the collision.

The two employees (engineer and conductor) of Train No. 2 sustained non life-threatening injuries and were transported from the derailment site to Fall River Mills Hospital for treatment and were subsequently released.

The consist of the train, including seven locomotives and twelve cars, sustained \$728,727.00 in damage; two cars of the eight left in the house track sustained \$58,165.00 in damage; damage to track and structures was \$270,000.00; total cost of the derailment was \$1,056,892.00.

At the time of the accident it was dark and snowing. The temperature was 31 degrees Fahrenheit.

The accident was caused by failure of the brakeman on the southbound local freight train to return the main track switch to its normal position for main track operations.

The probable cause was contributed to the brakeman on Train No.1 who neglected to restore the main track switch to normal position after use at Bieber, California, MP 89.7, resulting in Train No. 2 unexpectedly being diverted onto the house track at main track speed (40 MPH) and derailling. FRA cause code H702 "Switch improperly lined."

110. NARRATIVE

CIRCUMSTANCES PRIOR TO THE ACCIDENT:

Train No. 1:

The crew of train BNSF 2707, L-NWE8911-07, timetable South, included a locomotive engineer, a conductor, and a brakeman. They first went on duty at 3p.m. PST, January 7, 2005, at the BNSF Klamath Falls Yard in Klamath Falls, Oregon. Klamath Falls is the home terminal for the crew members and they received more than the statutory off-duty period prior to reporting for duty.

Their assigned local freight train consisted of two locomotives, zero loads, and six empty cars. The train was 470 feet long and weighed 185 tons. The train was scheduled to travel to Westwood, California, with cars to be added and removed at four locations en route. The train received an initial terminal train air brake test and departed Klamath Falls Yard at 3:45 p.m.

The crew stopped the train to add and remove cars at four locations en route prior to setting out the final eight cars at Bieber, California, and to proceed with lite locomotives to Westwood, California.

The crew arrived at Bieber at about 6:30 p.m. to make their final set out of eight cars. All eight cars were loaded grain hopper cars. On arrival, the engineer stopped the train at the main track switch allowing entrance to the house track (switch 9801) in order to allow the conductor and brakeman to detrain. After detraining, the conductor advised the engineer to move south about 10 car lengths to clear the house track switch in order for the set out to be lined back in to the house track. After that task was performed, the conductor lined the main track switch and the brakeman lined the derailling switch for a non derailling position. The brakeman then gave the engineer a car count via radio to complete the reverse movement into the house track. The reverse movement was made as advised by the brakeman and after the south end car of the train had cleared the derail, the brakeman stopped the movement, requested an automatic air brake set, turned the angle cock on the trailing locomotive, and pulled the uncoupling lever on the south end car of the set out. The brakeman then advised the engineer to pull ahead to clear the main track switch, as the conductor had already boarded the lead engine when it stopped in the house track. The brakeman then secured the cars in the house track by applying the required number of handbrakes, then proceeded to line the derail back for the derailling position. The brakeman completed the task of relining and locking the derail (a bi-directional derail capable of derailling equipment moving toward it from either direction). The brakeman then proceeded toward the main track switch and passed it by in order to pick up a telemetry device, which was about 20 feet south of the main track switch leading to the house track, and placed it in the trailing locomotive of the lite locomotive train consist. He then advised the engineer via radio that the switches were lined correctly at Bieber house track, that he was aboard the train and the engineer could begin moving south toward Westwood.

As the engineer slowly moved southward toward Westwood, California, the brakeman walked from the trailing locomotive to the lead locomotive. Upon arrival, the brakeman again told the engineer and conductor the switches were properly lined. The conductor then wrote a time of 1910 (7:10 p.m.) on the BNSF Signal Awareness Form as the time the house track switch at Bieber was restored to the proper position for main track movement. The engineer initialed the Signal Awareness Form in confirmation of the time the switch was restored to normal position.

The train activity report submitted by the conductor for the southbound local train LNWE8911-07 indicates a time of departure from Bieber Station at 1845 (6:45 p.m.). However, a download from the locomotive on the local indicated a departure time from Bieber Station at 7:10 p.m., which was in correspondence with the signal awareness form. It appears the conductor of the local freight estimated a time of arrival and departure from Bieber Station.

The train departed Bieber, southbound, at 7:10 p.m., January 7, 2005 without further incident. The crew went off duty at 10:15 p.m., January 7, 2005, at Westwood, California, after 7 hours and 15 minutes on duty.

Train No. 2:

The crew of BNSF 4122, HBARPAS-03, timetable North, included a locomotive engineer and a conductor. They first went on duty at 11:45 p.m. PST, January 7, 2005, at BNSF Station Keddie, California. This was the away from home terminal for both crew members and both employees received the statutory off duty period prior to reporting for duty.

Their assigned freight train consisted of seven locomotives, 13 loads and 44 empty cars of several varieties. The train was 3,492 feet long and weighed 3,176 tons. The train was scheduled to travel with the above crew from Keddie, California, to Klamath Falls, Oregon. The train received its initial terminal air brake test at Barstow, California. Train No. 2 had two crew changes at run-through stations (Bakersfield and Stockton, California) after departing Barstow and prior to arriving at Keddie, California. It departed Keddie at 1:20 a.m. PST, January 8, 2005.

As Train No. 2 approached the accident area, the engineer was seated at the controls on the east side of the leading locomotive. The conductor was seated on the west side of the leading locomotive.

In this area of the railroad, the terrain and grade are comparatively level and there are no curves within two miles in either direction of the accident area.

The geographic direction and the railroad timetable direction are the same. Therefore, railroad timetable directions will be used throughout this report.

THE ACCIDENT:

Train No. 1:

Train LNWE8911-07 south operating from Klamath Falls, Oregon, to Keddie, California, made a set out of eight rail cars (J-CUTCARS-08) in the house track at Bieber, California. After the set out was completed, the brakeman lined the derail for a derailing position into the house track, as required. The brakeman then neglected to restore the switch to its normal position. Train No. 1 departed Bieber Station and left the main track switch lined onto the house track, and, thereby, set up the next northbound train to enter the house track from what should have been a main track movement through Bieber Station. Train No. 2 was unexpectedly diverted onto the house track and over a derail protecting a standing cut of eight cars on the house track.

Train No. 2:

Train No. 2, HBARPAS-03 north was being operated at 40 mph approaching the accident area. At the time the accident occurred the train was being operated at 36 mph. Both speeds were recorded by the event recorder off the controlling locomotive. The maximum authorized speed for the train was 49 mph, as designated by BNSF Northern California Division Timetable No. 7, dated January 21, 2004.

At about 4:54 a.m., January 8, 2005, it was dark and snowing moderately at Bieber, California. At approximately 100 feet south of the Bieber house track switch, the engineer of Train No. 2 noticed the switch target displaying red. [A target sign would not be visible if the switch were lined correctly for main track movement.] At this time, the engineer already had his train in lite dynamic braking mode in order to slow for a 25mph speed restriction at mile post (MP) 88.4.

When the engineer saw the red target on the switch at MP 89.7, he yelled at the conductor and told him to "take cover, the switch is lined wrong." At about the same time, the engineer, using the automatic brake handle, initiated an emergency application of the train's air brake system. Both crew members could see, through use of the locomotive headlights, there were cars standing in the clear on the house track. After the emergency application was made, both the engineer and conductor moved off of their locomotive seats and towards the middle of the cab.

At about 4:55 a.m., the lead locomotive hit the bi-directional derail placed at the clearance point about 120 feet north of the entrance switch to the house track on the south end of the house track. The derail was placed on the east rail (engineer's side approaching north) of the house track, and is designed to derail equipment moving over it from either direction.

After hitting the derail, the lead locomotive was immediately directed in an easterly direction and away from a direct hit on the eight standing cars, approximately 30 feet north of the derail. After derailing, the lead locomotive struck the south car standing in the house track in a glancing blow. Due to the impact of the lead locomotive with the standing cars in the house track, the lead locomotive overturned to the east (to the right, or engineer's side). Train No. 2 derailed all seven locomotives and 12 leading cars in its consist, and two grain hopper cars of Train No. 1 standing on the house track. The severity of the derailment was due to the speed at the time of the derailment, the sudden buffing force caused by the derailment and subsequent impact with the standing loaded grain cars. An overview of the derailment looked like what is commonly known as a "general pile up."

After the train came to rest, both crewmen escaped from the cab of the lead locomotive. The locomotive had been crushed on its west side (conductor's side approaching north) due to the collision with the standing cars on the house track and was overturned to the east side. It took approximately 10 minutes for the two crewmen to extricate themselves from the locomotive cab.

Both crew members had private mobile telephones. The engineer called the BNSF train dispatcher and advised him of the situation. The dispatcher advised the engineer he would notify all proper authorities and call for emergency assistance. The conductor called local 911 emergency services. A private citizen living nearby who heard the derailment, and shortly thereafter saw it, also called 911 emergency services. Emergency services from Fall River Mills, California, arrived on the scene within about 35 minutes. The crew was transported to Fall River Mills Hospital and given care at that facility.

The engineer sustained a cracked vertebrae and was released by Fall River Mills Hospital on Monday, January 10, 2005. The engineer was expected to be off work for 30 days. The conductor sustained minor cuts and bruises and was released by Fall River Mills Hospital on Saturday, January 8, 2005. The conductor was expected to be off work for five days.

There were nine hazardous material cars in the consist, none of which were derailed or affected.

Fuel tanks on two of the seven locomotives ruptured. BNSF 4122, the lead locomotive, and BNSF 4081, the trailing locomotive, each lost an estimated 1250 gallons of diesel fuel. The estimate was determined by BNSF officials on the scene using the capacity of the fuel tanks when fueled at Barstow, California, versus the amount the train would have used traveling from Barstow to Bieber. The capacity of the fuel tanks was 4,000 gallons. The locomotives were General Electric CF 44-9W.

There were no evacuations or fires due to the spill. The spill was initially thought to be minor in nature by BNSF officials at the scene. However, due to the ice and snow piled up around the locomotives at the initial time of inspection, the leakage went unnoticed for approximately eight hours. Clean up crews were called in and proper authorities notified.

Analysis and Conclusions:

Analysis:

At the time of the accident, BNSF rules and instructions required crews operating in non-signalized territory, under authority of Track Warrant Control (TWC), to complete a particular procedure when main track switches were used within a block. The procedure was then and is now in accordance with FRA guidelines announced in Notice of Safety Advisory 2005-01. However, due to this accident, BNSF has refined its rules and instructions.

The lead locomotive of Train No. 2 was equipped with a speed indicator and an event recorder as required.

The relevant event recorder data was downloaded by the road foreman of engines at the accident site and analyzed by the senior road foreman of engines in Seattle, Washington. The analysis disclosed the engineer of Train No. 2 was in compliance with all applicable railroad operating rules and train handling requirements. FRA reviewed the results of this analysis and concurred with the conclusions.

The railroad collected toxicological samples from all crew members of Trains No.1 and No. 2. None of the samples were positive.

A memo, dated February 28, 2005, was received by FRA's Alcohol and Drug Control Program Manager, Mr. Lamar Allen, in regard to the crew members of Train No. 2. Within the memo, Mr. Allen states, "length of time from accident to collection----was over 4 hour goal." Considering the time of the accident, 4:55 a.m., until the time the collection was made, 2:10 p.m., and considering the emergency services the crew of Train No. 2 went through during that period, FRA can take no reasonable exception to the time frame. A report explaining the delay was received from BNSF.

Factors Surrounding the Accident that were not Causal:

The conductor of Train No.1 received four track warrants between Klamath Falls, Oregon and MP 120 (Halls Flat) on the Gateway Subdivision that have relevance to his lack of attention to detail and rules compliance.

The first track warrant, #131, authorized movement of his train from MP 3 (South Klamath Falls) to the North Switch at Siding Mammoth (NSS Mammoth) on the main track. Box 20 on the warrant was checked, stating, "be prepared to stop at the following switch(es) until known to be in normal position." NSS Mammoth was written in to box 20 as required. Mammoth Station is located at MP 44.7.

The second track warrant, #135, voided track warrant #131 and authorized movement of his train from MP 35 (south of Station Stronghold) to MP 70 (south of Station Scarface). Box 20 on this warrant was checked, "be prepared to stop at the following switch(es) until known to be in normal position." NSS Mammoth was written in to box 20 as required.

The third track warrant, #138, voided track warrant #135 and authorized movement of his train from MP 50 (south of Mammoth Station) to MP 100 (south of Station Bieber). Box 20 on this warrant was not checked. Train No. 1 did stop at the North Siding Switch at Mammoth and lined the main track switch to its normal position. The conductor of Train No. 1 advised the dispatcher, prior to giving up track warrant No. 135, the switch was returned to its normal position. However, neither the conductor nor the engineer noted the completed task on the Signal Awareness Form as required by BNSF rules and regulations.

The conductor of Train No. 1 noted on his Train Activity Report/Safety Checklist (front page of signal awareness form) that his train arrived at Bieber Station at 1800 (6:00 p.m.) and departed at 1845 (6:45 p.m.). However, the signal awareness form shows the "South House Track Switch Bieber" restored at 1910 (7:10 p.m.). Download of locomotives in the consist of Train No. 1 confirmed the train departed Bieber house track at 1910 (7:10 p.m.).

Factors Causal to the Accident:

Weather and time of day were distinguishable factors in the cause of this accident. They probably contributed to the manner in which the brakeman and conductor on Train No.1 completed the task of setting out cars at Bieber.

When Train No.1 arrived at Bieber house track, the brakeman detrained adjacent to the derail. The conductor detrained adjacent to the main track switch. Each employee aligned the switch they had assigned themselves for a movement of eight cars and two engines back into the house track from the main track. Had the conductor stayed on the locomotive, the brakeman would most likely have remembered he had lined the main track switch initially, and would have remembered to realign it prior to departure. This was confirmed by interview of the brakeman. The conductor got off of the locomotive at the main track switch with the sole intention of saving his brakeman the walk in the foot of snow on the ground. The walk the brakeman would have had to traverse in the cold and snowing weather was approximately 120 feet from the main track switch to the derail and back (240 feet total).

The crew of Train No.1 did have a job briefing prior to the movement in and out of the house track at Bieber. The job briefing did include what each trainman and the engineman had to do to complete their tasks. The crew of Train No.1 knew each other well and they respected each other professionally. Given their familiarity with each other, it remains unclear why the brakeman walked right by an improperly lined main track switch in dark, non-signalized territory, and then within a ten minute period, advised the rest of his crew and the dispatcher the switch had been properly lined.

An investigation was held by company officials and FRA into the likelihood of another person improperly lining the switch and no probability of that likelihood arose.

When BNSF officials questioned the brakeman concerning his memory of realigning the switch, the answer was; "I think I did, but I can't remember for sure." When questioned by the FRA investigator, the answer was essentially the same, with one part added, "I guess I left the switch open." There was no defensive posture taken by the brakeman during the interview. He calmly and with sorrow accepted the responsibility. He mentioned weather as a possible input into the reason for the mistake. He said, "nothing else was going on in my life that may have caused me to have my mind on something else."

The FRA investigator also examined efficiency testing as a contributing factor. Efficiency testing is done to reinforce rules knowledge and compliance by employees and to ensure employees are aware of the requirements of rules. Testing is done any day of the week at any time of day or night, and in all areas, particularly in those areas which present the highest incidence of failure.

Testing records of the three employees attached to Train No. 1 were retrieved and reviewed for quality, quantity, location, day of week, and time of day. Following is a breakdown of those employee records:

The brakeman, time period of six months prior to the accident on January 8, 2005.

1. No weekend tests were made
2. All tests were made during the hours of 9:30 a.m. and 10:30 a.m.
3. All tests made on the Gateway Sub were at Mile Post 2.0 (Klamath Falls) or between Mile Post 152.0 and Mile Post 187.9 (between Westwood and Keddie). No tests were made between MP 2.0 and MP 152.0 (150 miles of the subdivision no tests were made)
4. No failures were noted.
5. All tests were made on Thursday or Friday, except one made on a Tuesday.
6. One test was made on "operation of switches."
7. Two tests were made on "reporting clear of limits."
8. Last test was made on October 10, 2004.

The conductor, time period of six months prior to accident on January 8, 2005.

1. No weekend tests were made.
2. Most tests were made between the hours of 8:30 a.m. and 11:45 a.m.; some were made between 4:00 p.m. and 6:00 p.m.
3. Majority of tests were made on the Gateway Subdivision between MP 4.0 and 35.0 (near Klamath Falls) and between MP 125.0 and MP 176.0 (between Halls Flat and Keddie). No tests were made between MP 40.0 and MP 108.0.
4. Four failures were noted, one for reporting clear of limits, one on use of radio, and two on "All other failures."
5. All tests were made on a Thursday or Friday, except for four made on a Tuesday.
6. The kinds of tests completed represented a good cross-section.
7. One test was made in October and one was made in November; the last tests were made on December 16, 2004 (7 tests).

The engineer, time period of five months prior to the accident on January 8, 2005.

1. The engineer did not work the road local between Klamath Falls and Keddie during this period. Instead, he worked road freight on the Gateway Subdivision or the Oregon Trunk. Time on each was split about 50/50.
2. Weekend tests are about ½ the total tests.
3. Good separation of times tested.
4. One failure noted for "all other failures."
5. Most tests made on Gateway Subdivision were between MP 2.0 and MP 15.0 (near Klamath Falls) or between MP 194.0 and MP 199.0 (near Keddie)
6. No tests were made in September or November.
7. Last test was made on December 8, 2004.

The road local, Train No. 1, works out of Klamath Falls on Monday, Wednesday and Friday at 3:00 p.m. on duty. The train returns out of Keddie on Tuesday, Thursday and Saturday at 8:00 a.m. on duty.

Officer testing, Gateway Subdivision:

1. In general, the BNSF Operational Testing Plan was followed, except:
 - a defined shortage of tests between MP 50.0 and MP 90.0 for all trains on the subdivision;
 - little or no testing of the local freight train (Train no.1) except nearby initial terminals;
 - tests were not distributed during all days of the week nor throughout all times of the 24 hour day.
2. Nearly all of the tests between MP 50.0 and MP 90.0 were conducted by a Maintenance of Way Manager or Maintenance of Way personnel.

A violation has been recommended for failure to follow the BNSF written operational testing program.

Conclusions:

The BNSF railroad was not in compliance with its own rules and requirements, nor the Federal standards requirements of 49 CFR Part 217.9 (a), that part reading, "Each railroad to which this part applies shall periodically conduct operational tests and inspections to determine the extent of compliance with its code of operating rules, timetables, and timetable special instructions in accordance with a written program-----."

Probable Cause:

The probable cause was contributed to the brakeman on Train No.1 who neglected to restore the main track switch to normal position after use at Bieber, California, MP 89.7, resulting in Train No. 2 unexpectedly being diverted onto the house track at main track speed (40 MPH) and derailling. FRA cause code H702 "Switch improperly lined."

#



Not Reported

Not Reported

Mcarthur, CA 96056

Inquiry Number: 6536575.1

June 15, 2021

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Client Name:

Vestra Resources
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Redding, CA 96002
Contact: Jennifer Williams



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=625'	Flight Year: 2016	USDA/NAIP
2012	1"=625'	Flight Year: 2012	USDA/NAIP
2009	1"=625'	Flight Year: 2009	USDA/NAIP
2006	1"=625'	Flight Year: 2006	USDA/NAIP
1998	1"=625'	Acquisition Date: January 01, 1998	USGS/DOQQ
1993	1"=625'	Acquisition Date: January 01, 1993	USGS/DOQQ
1981	1"=625'	Flight Date: January 01, 1981	USGS
1978	1"=625'	Flight Date: June 03, 1978	USGS
1967	1"=625'	Flight Date: June 28, 1967	USGS
1960	1"=625'	Flight Date: August 05, 1960	USGS
1954	1"=625'	Flight Date: May 22, 1954	USGS
1939	1"=625'	Flight Date: May 24, 1939	USDA

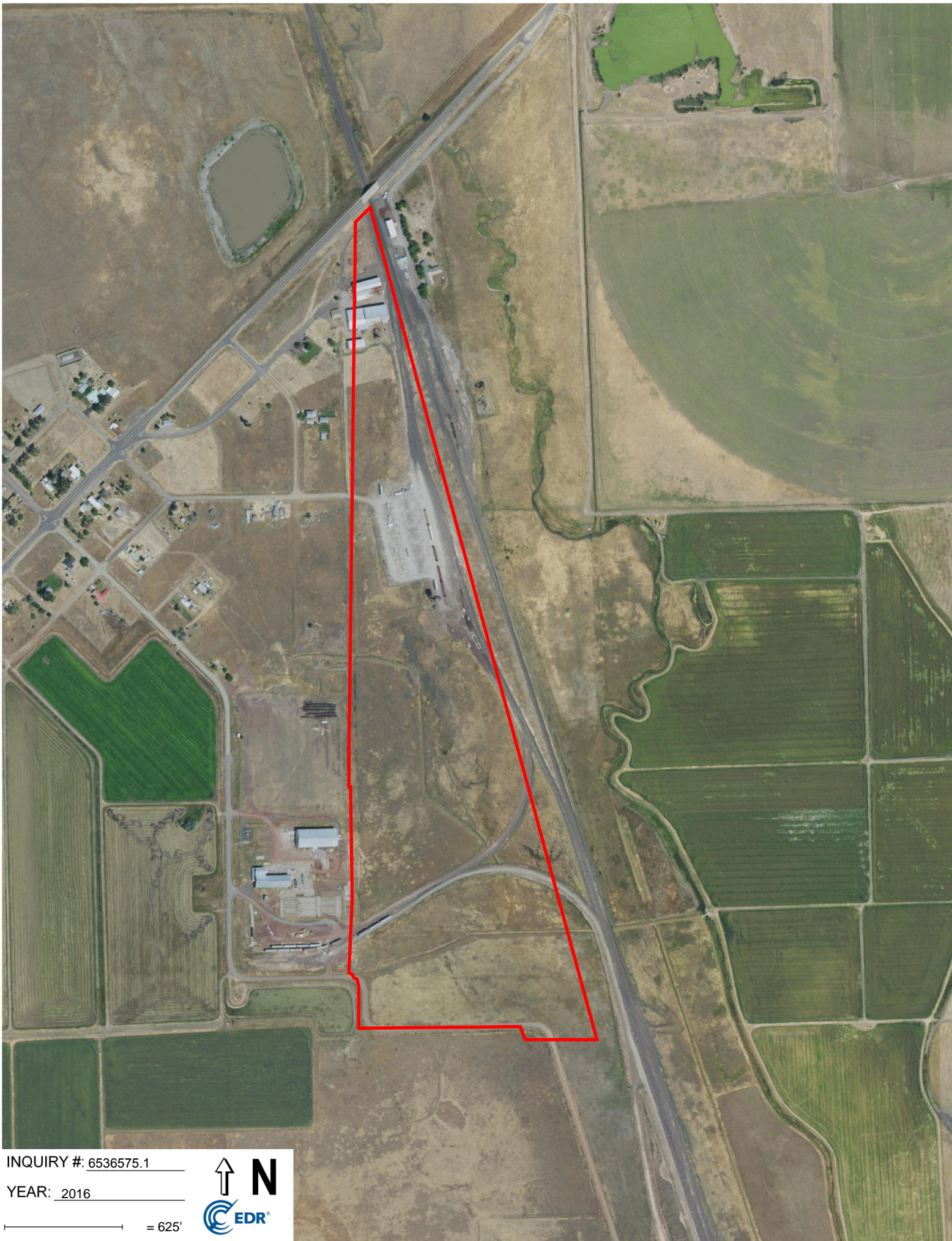
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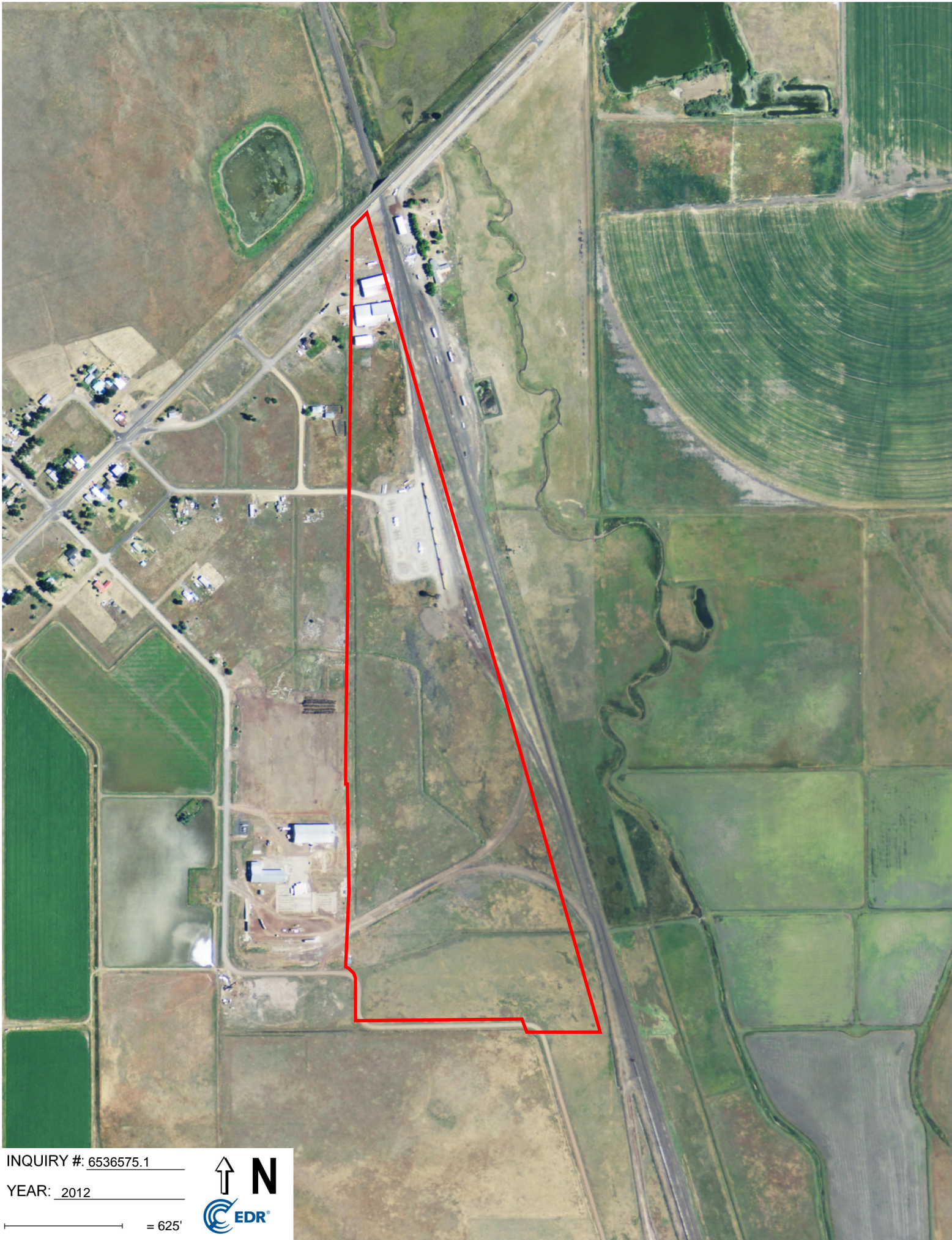


INQUIRY #: 6536575.1

YEAR: 2016

 = 625'



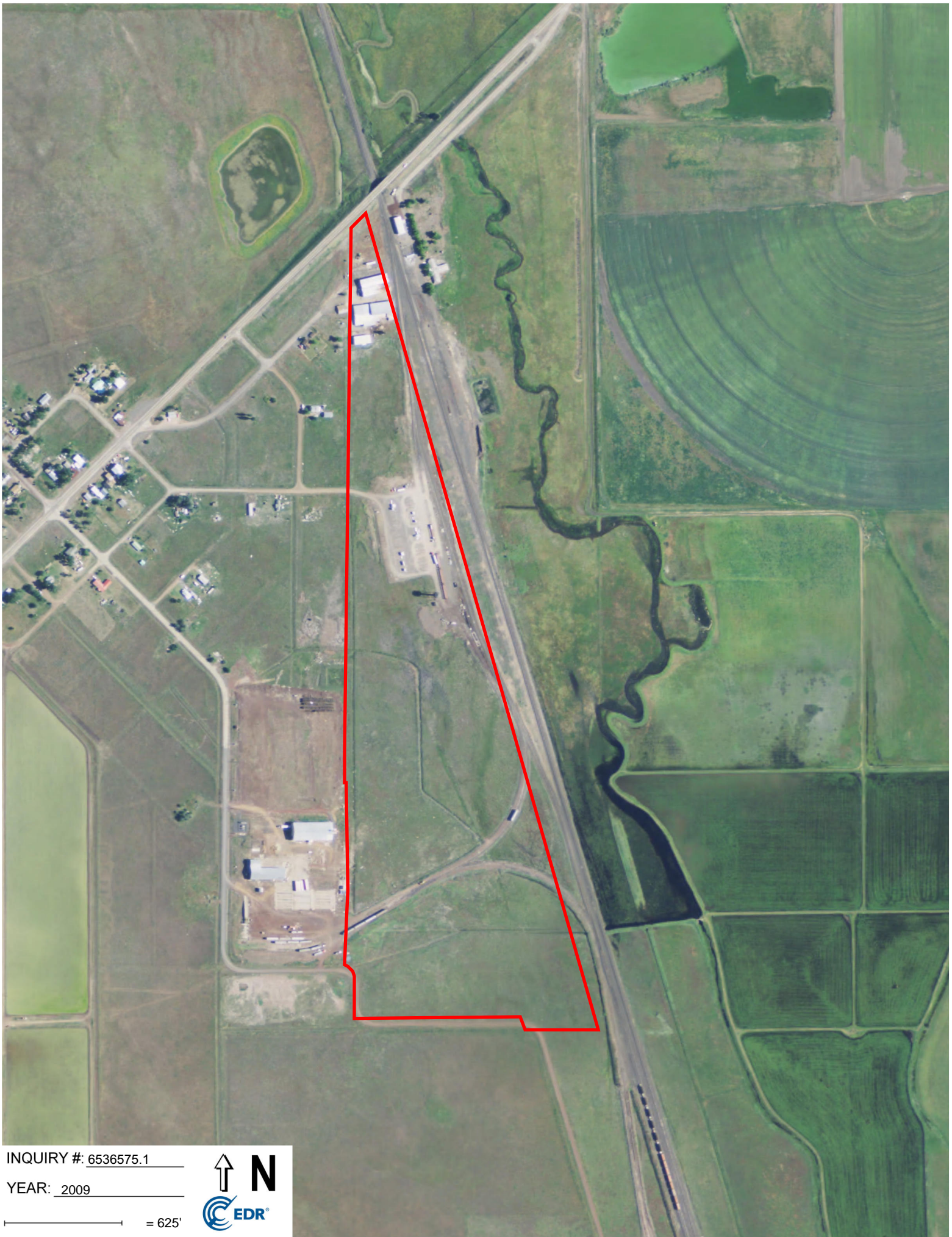


INQUIRY #: 6536575.1

YEAR: 2012

 = 625'



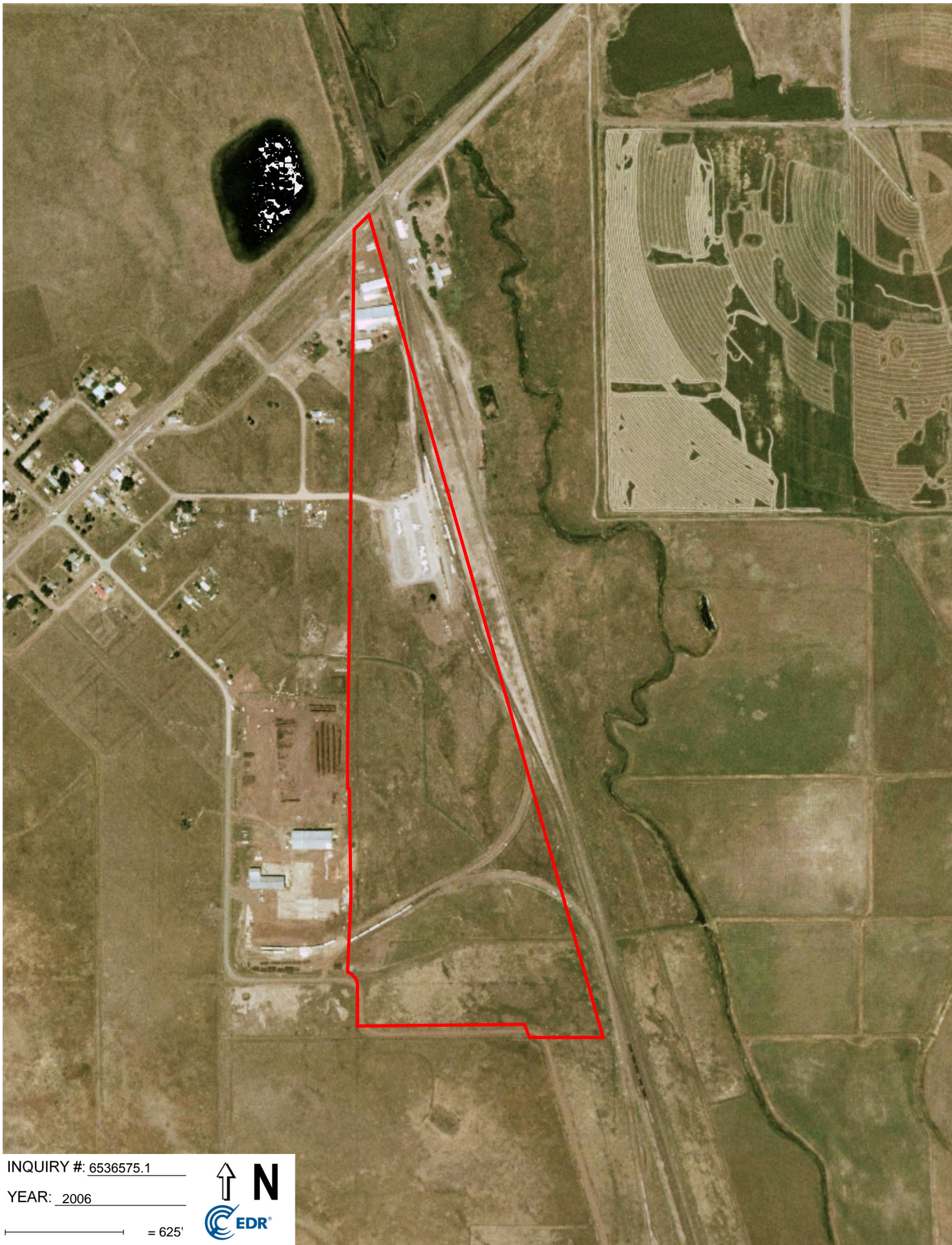


INQUIRY #: 6536575.1

YEAR: 2009

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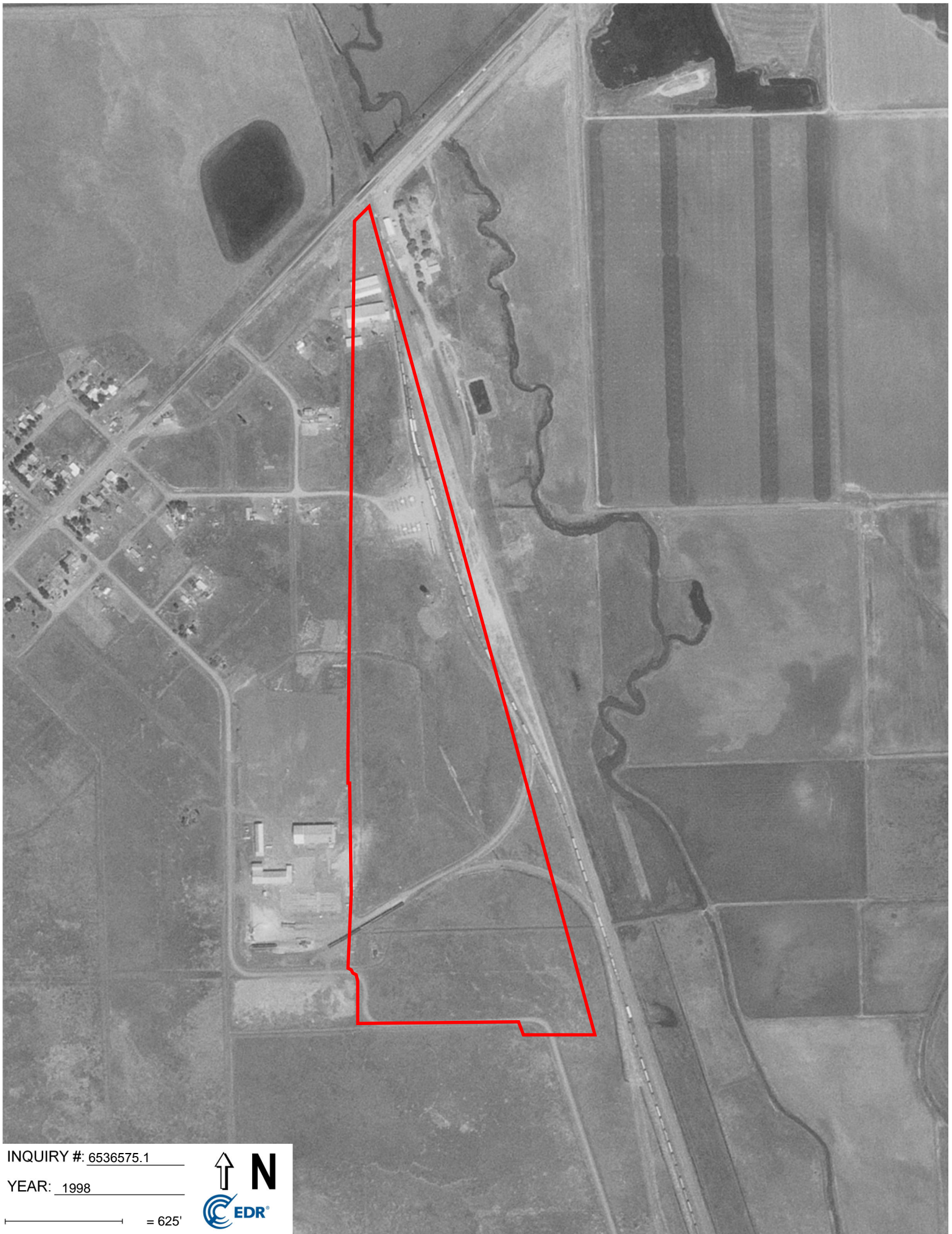


INQUIRY #: 6536575.1

YEAR: 2006

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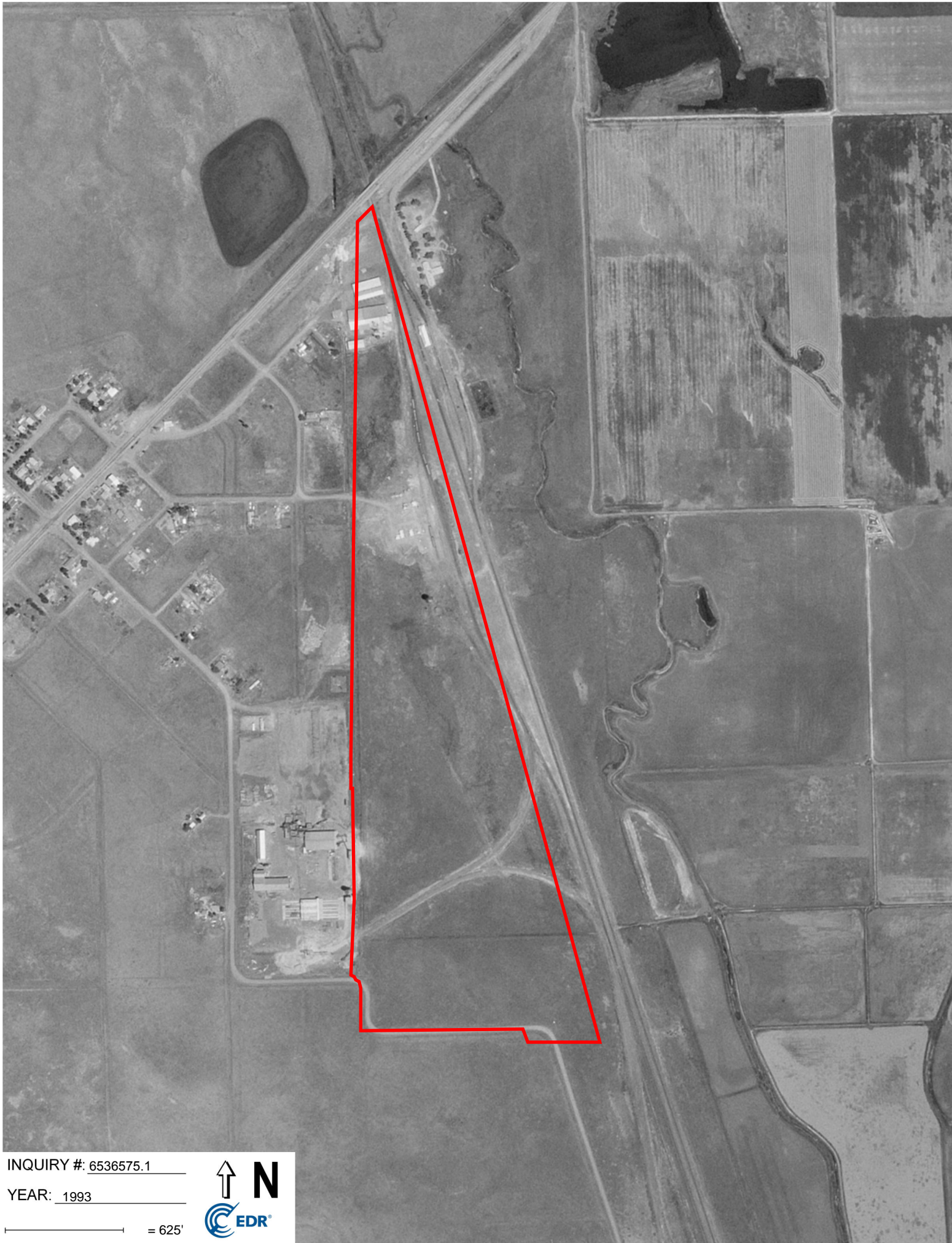


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YEAR: 1998

— = 625'





INQUIRY #: 6536575.1

YEAR: 1993

— = 625'





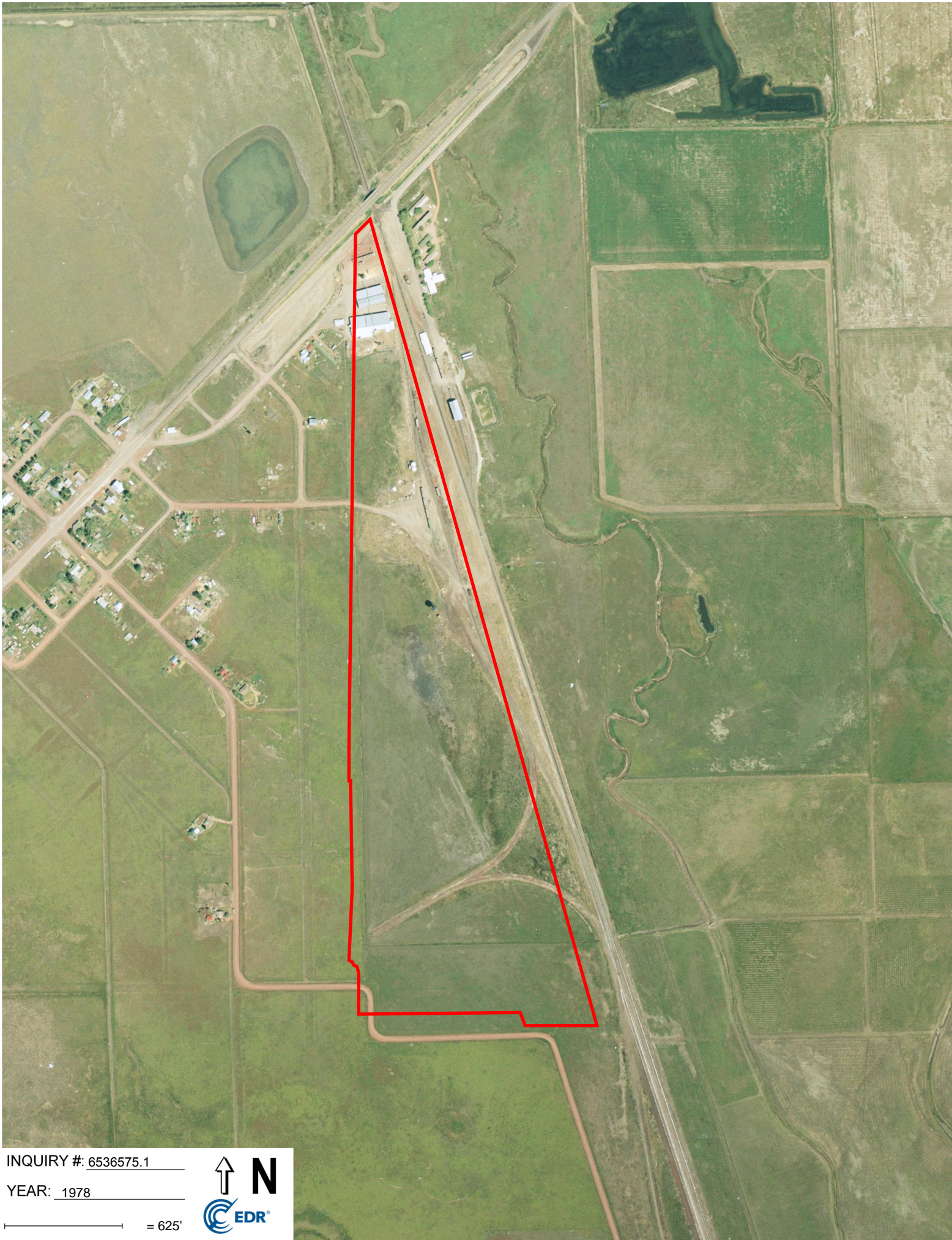
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YEAR: 1981

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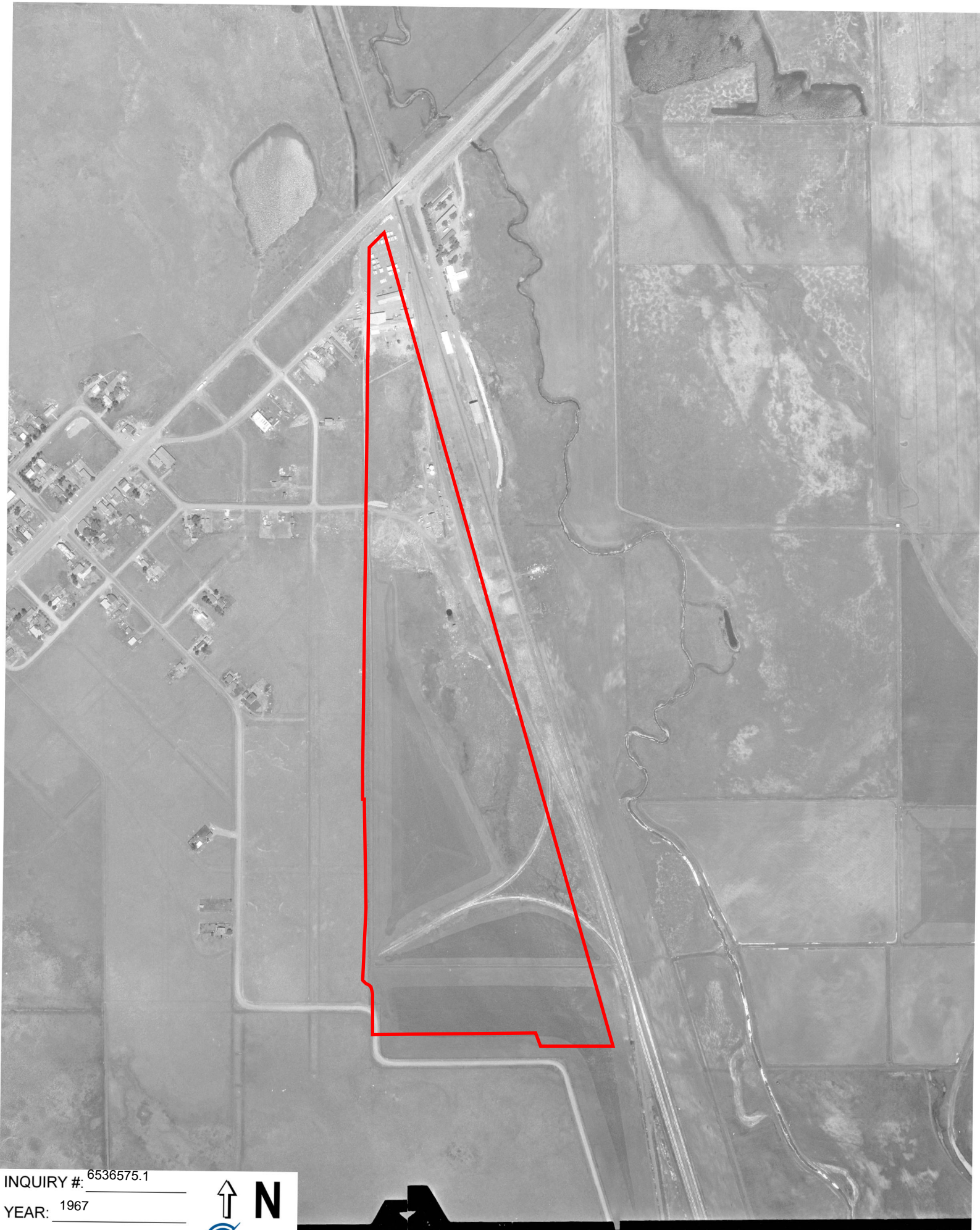


INQUIRY #: 6536575.1

YEAR: 1978

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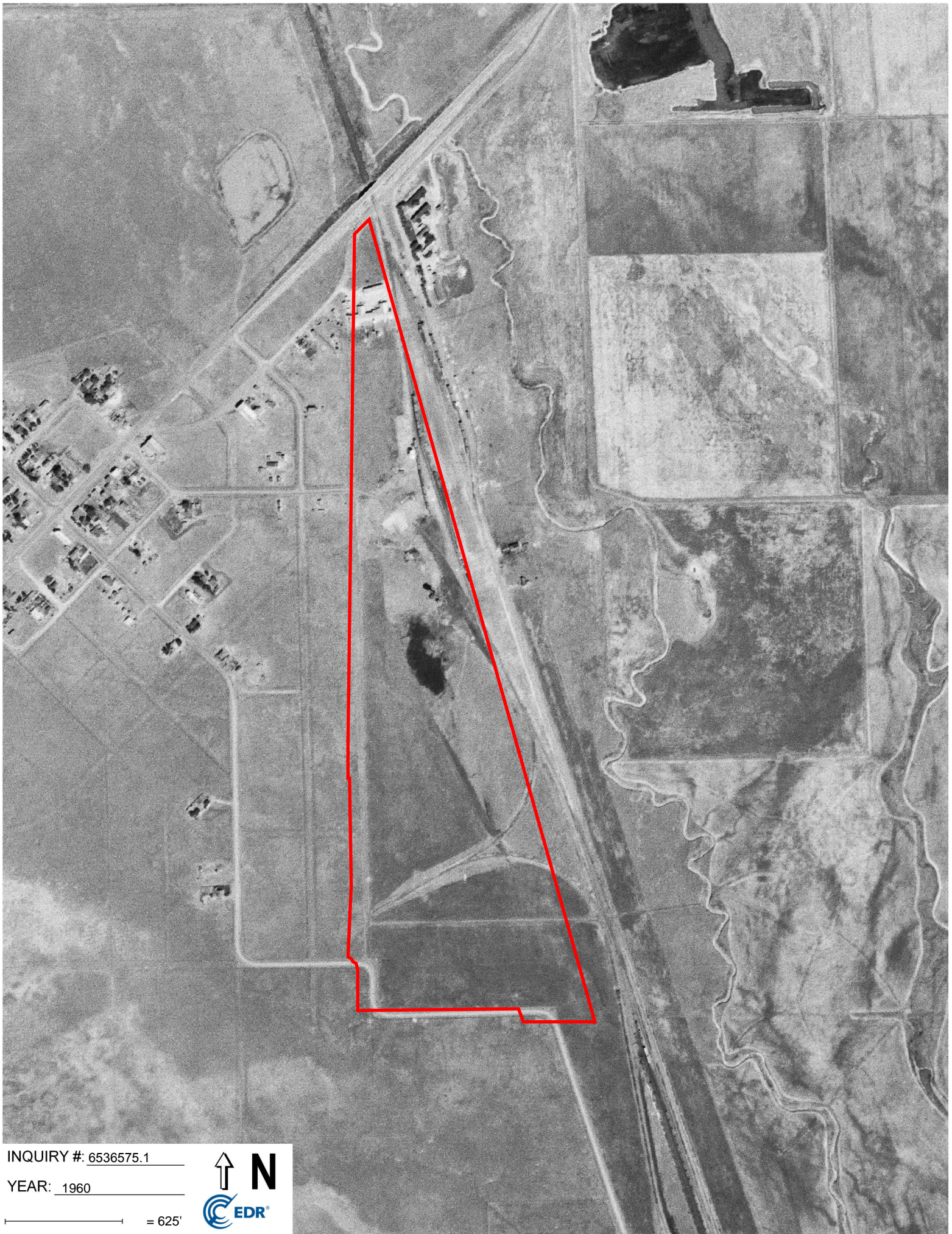


INQUIRY #: 6536575.1

YEAR: 1967

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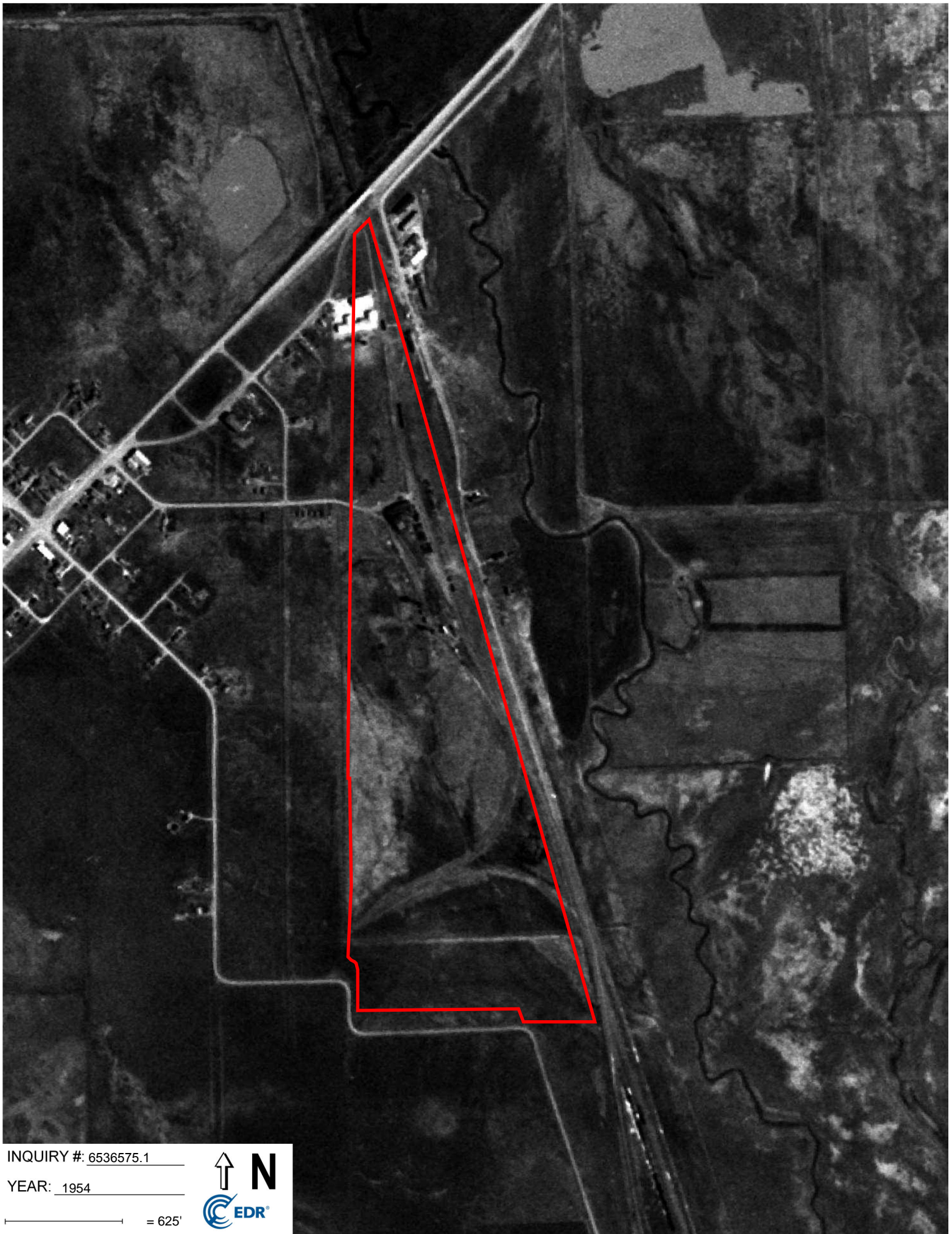


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YEAR: 1960

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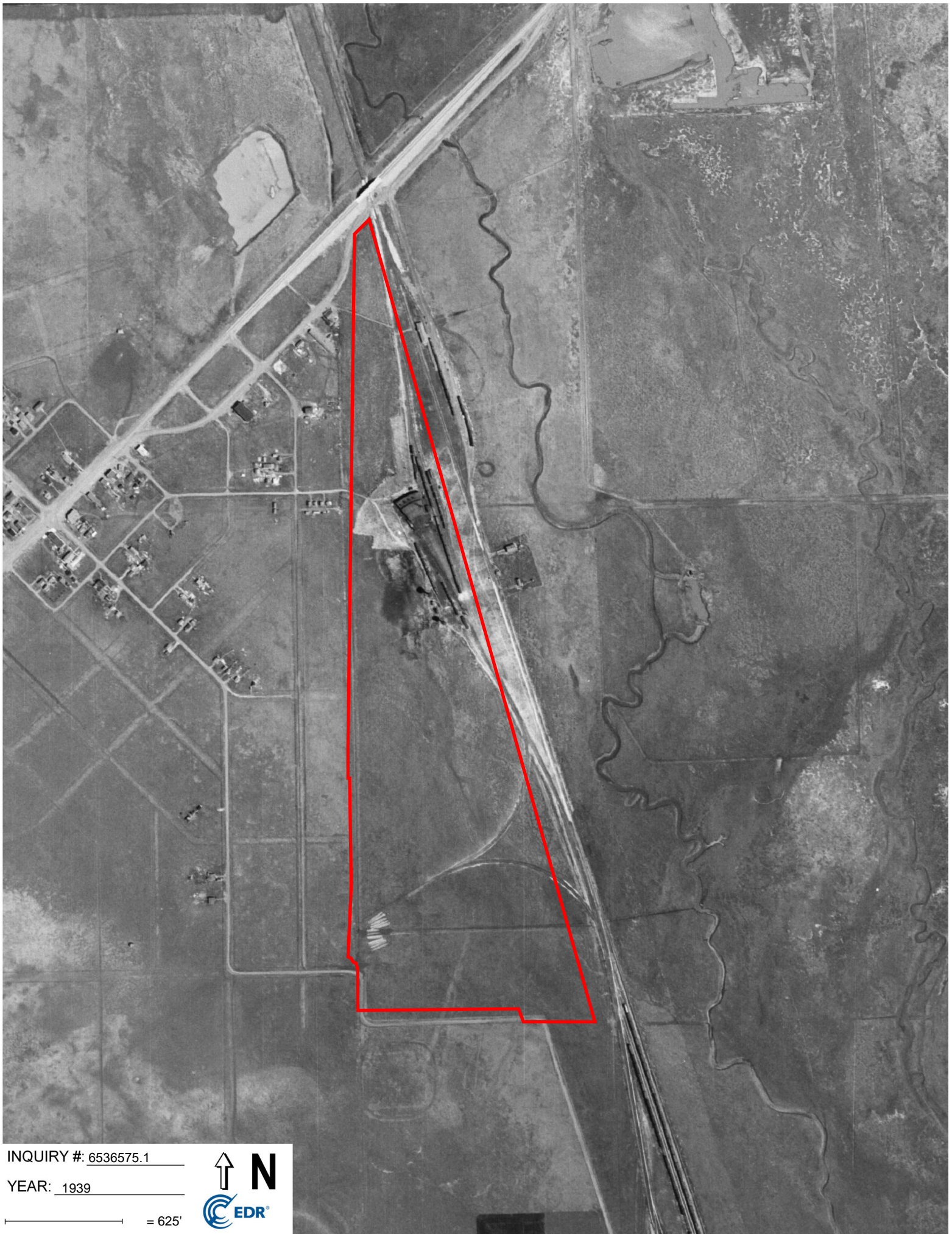


INQUIRY #: 6536575.1

YEAR: 1954

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INQUIRY #: 6536575.1

YEAR: 1939

— = 625'



Not Reported

Not Reported
Mcarthur, CA 96056

Inquiry Number: 6563025.6
July 09, 2021

The EDR-City Directory Image Report

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

Not Reported
Mcarthur, CA 96056

No Addresses Found

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>BABCOCK RD</u>			
2017	-	EDR Digital Archive	Street not listed in Source
2014	pg. A1	EDR Digital Archive	
2010	pg. A2	EDR Digital Archive	
2005	-	EDR Digital Archive	Street not listed in Source
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source

City Directory Images

BABCOCK RD 2014

547700 TWYMAN, MARC
547895 WILSON, NICOLE

BABCOCK RD 2010

547895 WILSON, NICOLE



Rail loading area looking northeast



Rail loading area looking southeast from the access road



Looking due south from the access road



Looking southwest from the access road



Tank - empty



Looking southwest from the edge of the rail loading area



Looking southwest toward historical mill site



Rail loading area; metal storage area



Metal storage area



Power and well



Field just south of mill area

SPECIFIC QUALIFICATIONS/AREAS OF EXPERTISE

- Water quality regulation
- Practical, innovative solutions to environmental problems
- Large, complex and controversial projects
- Federal and California Hazardous Waste and Solid Waste
- SMARA Compliance and Mine Permitting

SUMMARY OF EXPERIENCE

Ms. Johnston is an Environmental Scientist with more than 37 years of experience in resource assessment and management, hazardous and solid waste management, site investigation, and regulatory compliance. She is Vice President of VESTRA's Environmental Services Division. She is considered an expert in regulations pertaining to water quality, hazardous waste, solid waste and Superfund site remediation. She has served as a witness in Superfund cost recovery litigation and is considered an expert in CERCLA requirements and the National Contingency Plan.

PROJECT EXPERIENCE

Water Regulatory Compliance

Past Member of the California Regional Water Quality Control Board (RWQCB), Central Valley Region. The RWQCB oversees the requirements of both the Federal Clean Water Act (CWA) and California's Porter-Cologne Water Quality Act. The Board has authority to issue requirements for the discharge of wastes to land and surface waters; to regulate landfill construction, operation, and closure; and to take necessary enforcement action against violations of State and Federal water quality laws. As a member of this Board, she was required to have knowledge of Federal and State laws pertaining to water quality, solid waste, toxic and hazardous wastes, regulatory department procedures, and State hierarchy regulating toxics and water quality. As a member, she developed a strong knowledge of Board procedures and practices. She served on the Board during the enactment of Chapter 15 and 16 regulations, and was Board representative for receipt of testimony concerning the content of these proposed regulations.

Compliance Consultant for California Farm Bureau Federation (CFBF). Ms. Johnston was retained to provide technical support to CFBF attorneys during the evaluation and negotiation of the new agricultural irrigated land waiver requirements. CFBF drew on our staff expertise in water quality law and regulation, especially with the NPDES and on-point strategies, to assist in developing rebuttals to the proposed regulations and to provide alternative solutions that are more palatable. She provided detailed cost estimates, assisted in interpretation of the testimony presented at the RWQCB hearing, and provided detailed comments on the RWQCB draft submittals. She continued to support the irrigated agricultural community on the individual waivers and other topics as requested at numerous educational forums sponsored by U.C. cooperative extension, local farm bureaus, and local agricultural commissioners. She was also requested to conduct analysis of the statewide database developed from the waiver program data to determine trends, area issues and assist in developing solutions for CFBF.

Project Manager for resolution of CWA violation at the Shasta Livestock Auction Yard in Cottonwood. The yard had been issued a Notice of Violation for wastewater discharge and was threatened with significant fines. Ms. Johnston oversaw the design and installation of improvements to the wastewater disposal which included grading and reseeding of existing spray fields, rerouting drainage, initiating routine cleaning of ponds, and installation of backup disposal system. Improvements and negotiations with the RWQCB resulted in compliance with the WDRs and no fines to the discharger.

Project Manager of the Fall River Demonstration Dredging Project conducted in response to recommendations made in the Analysis of Sediment and Action Plan Development for the Upper Fall

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River, Shasta County, California Final Report. The proposed project included dredging approximately 4,200 cubic yards of recent sediment deposits from the upper Fall River for a distance of approximately 800 feet. The proposed area of dredging was in close proximity to an extant population of the Endangered Shasta Crayfish, and the project required Section 7 consultation and aquatic surveys. The project included development of a design that allowed a zero-sediment discharge, at pumping rates of 90,000 gallons per hour, back to Fall River. This was to be accomplished via the use of natural pasture filters and partial sediment settlement and retention.

SMARA Inspection/Mine Permitting and Compliance

SMARA Mine Inspections, Modoc County. Ms. Johnston and VESTRA staff were retained by Modoc County to conduct annual Surface Mining and Reclamation Act (SMARA) mine inspections. 23 mines in Modoc County had not been inspected since 2000. A detailed file review and reconstruction was completed to ensure that County files met the new Office of Mine Reclamation (OMR) requirements, then field inspections were conducted and reports prepared for all mines. Each operator was notified regarding the deficiencies found during the inspection. The project brought the County back into OMR lead agency status, resulted in all 23 mines being SMARA compliant, and ensured all mines in the County were included on the AB 3089 list. Follow-up compliance work included five Reclamation Plan Amendments, three Interim Management Plans, and one new Use Permit to remedy deficiencies in current mine operations.

SMARA Mine Inspections, Trinity County. Ms. Johnston served as project manager for compliance inspections for 16 mines in Trinity County. Most of the Trinity area mines had not been inspected for 3 to 4 years.

SMARA Mine Inspections, Lassen County. Lassen County had struggled with insufficient staff to support the 55 surface mines in the county. Most had not been inspected in 4 years. Because of the County's lack of staff, OMR had threatened to remove almost all of the mines from the AB3098 list, which would prevent Lassen County from selling aggregate to any state or federal entities including County road departments and Caltrans. Ms. Johnston was able to organize and bring into compliance within 1 year most of the Lassen County area mines.

Project Manager for the investigation, remediation, and National Pollutant Discharge Elimination System (NPDES) permit compliance for the Bully Hill and Rising Star Mines in Shasta County, California. The overall objectives of the remedial activities are to eliminate 99 percent of the acid-rock drainage (ARD) originating from point sources and implement Best Management Practices (BMPs) to address the nonpoint sources. Currently, dissolved copper, cadmium, and zinc from the Bully Hill and Rising Star Mines discharge to Town Creek and Horse Creek, tributaries to the Sacramento River above Shasta Dam. The Bully Hill Mine consists of two main caved portals and a large waste rock pile. The project includes grading and repair of the access road, surface water diversion, grading and revegetation of the main waste rock piles, installation of continuous recording stations to establish the baseline data required to identify and evaluate future remedial measures, rehabilitating approximately 800 feet of tunnel and installing four bulkhead seals, and the Chapter 27 capping of waste rock piles.

Project Manager for the hydrologic evaluation and sediment analysis at the Hayden Hill Gold Mine in Adin, California. The objective of the project was to obtain compliance with NPDES permit conditions. At the time the study was undertaken, the mine was out of compliance for turbidity and settleable solids parameters in its discharge. The hydrologic evaluation included combined effects of snow and rainfall on surface runoff, and recommended a number of significant modifications to existing drainage structures and construction of additional drainage management structures. The goal of the sedimentation evaluation was to reduce sediment loading and soil loss through improved erosion management techniques, thereby reducing dependency on sedimentation ponds. The study determined that due to soil characteristics, increasing the size of the ponds would not in itself result in permit compliance. VESTRA staff designed and proposed numerous erosion-control structures to reduce sediment transport and recommended operational modifications to reduce erosion and sediment transport.

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Project Manager for the Newton Mine, an abandoned copper mine located in the foothills of the Sierra Nevadas in Amador County. The mine had operated from 1863 to 1942, and it was among the largest copper mines in the United States. A significant amount of historic tailings were removed and reprocessed in the 1960s. The mine tailings that remain onsite contain high amounts of sulfides that produce ARD affecting water quality. Highway construction activities in the 1950s altered drainage patterns around the mine so Copper Creek flowed through the mine workings, further degrading water quality. Staff members were retained by mine owners to prepare a cleanup strategy and remediation plan for the mine in compliance with Title 27 requirements. Ms. Johnston worked with the owners to design an alternative to the prescriptive cap required by Title 27 that would allow a phased approach to characterization and remediation while still allowing for significant water-quality improvements.

Project Manager, Regulatory Compliance and Permitting for updating Reclamation Plans and permits for an open-pit diatomite mine near Burney in Shasta County. Treated stormwater is discharged from the facility to an intermittent tributary to Lake Britton. Ms. Johnston completed an updated Reclamation Plan, California Environmental Quality Act (CEQA) documentation, biological assessment, timberland conversion permit, and use permit application for the site. The project also included assisting in identifying sources of elevated zinc associated with plant and quarry operations. Because discharge and background receiving water concentrations are periodically detected above California Toxics Rule (CTR) levels, Ms. Johnston developed a site-specific translator study to set new dissolved metal criteria.

Project Manager, Permitting and SMARA Compliance for a 30-year aggregate mine project located west of the community of Cottonwood along the North Fork of Cottonwood Creek. The aggregate project affected approximately 80 acres of a 606-acre cattle ranch. Mining activities included removal of gravel from dredger tailings left from past gold mining activities.

Project Manager for CERCLA Removal Action and Engineering Design for the Zaca Mine Complex, an abandoned underground gold and silver mine located in Alpine County, California, in the Humboldt-Toiyabe National Forest. The objectives of removal and cleanup activities were to improve water quality in adjacent creeks by reducing discharge of ARD to surface water; provide for the viability of native plant and animal species; protect and restore aquatic, riparian, and meadow systems; and restore degraded ecosystems and processes. The project entailed design of collection and infiltration galleries as a means to reduce the discharge of ARD to creeks; removal and/or regrading of existing tailings piles adjacent to creeks, including regrading and placement of topsoil to reduce erosion of the tailings into Monitor Creek; and regrading the existing tailings pile, covering with topsoil and revegetating, as well as relocation of an existing wetland.

Project Manager for Lookout Ranch, Modoc County, California, for a mineral extraction and remoteness evaluation for the 8,070-acre Lookout Ranch located in Lassen and Modoc Counties, California. The Ranch included numerous original Homestead Act land grants in which mineral rights were reserved by the United States government and the State of California. VESTRA completed a detailed review of available geologic data for the area and database due diligence review and concluded that the "probability of surface mining on the property was so remote as to be negligible," pursuant to IR Code § 170(h)(5)(B)(ii).

Regulatory Compliance Coordinator and Primary Author for a Use Attainability Analysis (UAA) for West Squaw Creek Mines, Shasta County. The mines discharged ARD from portals, seeps, and waste rock dumps, which has resulted in the degradation of two separate drainages and numerous fish kills in Shasta Lake. No reasonable technology was available to remediate the ARD, and a UAA was proposed and prepared for West Squaw Creek. The UAA requires the investigation and characterization of the pre-mining and post-mining conditions of the area, including the chemical constituency of the watershed, and the various components of mine sites plus a detailed biological assessment of current conditions. The UAA was based on the technical infeasibility to remediate the ARD and removed a beneficial use to obtain water quality compliance. The UAA was followed by a basin plan amendment. The project involved numerous public agency hearings before the Regional Water Quality Control Board (RWQCB), State Water Resources Control Board (SWRCB), and the U.S. Environmental Protection Agency (USEPA).

Wendy Johnston
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Regulatory Compliance Coordinator for investigation, remediation and NPDES compliance project for the Mammoth Mine on Little Backbone Creek in Shasta County. The mine discharges ARD from portals, seeps, and waste rock dumps resulting in the degradation of two separate drainages and numerous fish kills in Shasta Lake. The mine is currently operating under orders from the RWQCB and NPDES requirements and has been unable to meet regulatory limits to protect water quality. Ms. Johnston is working with the mine owner to meet the monitoring and remediation programs established by the RWQCB.

Regulatory Compliance Coordinator for the Stowell Mine Complex in Shasta County, California. The objectives of the ongoing activities are to eliminate ARD from the Stowell Complex and restore a fishery in Spring Creek. Historically, dissolved copper, cadmium, and zinc from the Stowell Complex discharged to Spring Creek, a fish-bearing stream. Spring Creek enters the Sacramento River below Shasta Dam. The Stowell Complex consists of three main portals and two waste rock piles. Between 2000 and 2003, Ms. Johnston coordinated all permitting and compliance activities for the remedial solutions at the site. This included excavation and consolidation of approximately 36,000 cubic yards of waste rock located on a steep slope immediately above Spring Creek. Because of extensive experience in water quality issues and the regulatory environment, she was retained to fast-track the design and permitting of a Title 27 waste rock containment facility sited in steep mountainous terrain west of Lake Shasta. The waste rock was relocated to an HDPE-lined containment cell. The completion report was submitted to the RWQCB in February 2003.

Ms. Johnston also managed permitting for installation of a bulkhead seal in the Davis portal, injection of compost behind the Upper and Lower Stowell portals to stimulate sulfate-reducing bacteria (SRB) activity, and construction of an SRB unit to treat residual discharge from three sealed portals. The treatment unit consists of five 5,000-gallon portable tanks connected in series. The baffled tanks are filled with limestone and compost, and nutrients are added to stimulate SRB activity, as necessary. The capital cost per gallon per minute of treated effluent for these units is significantly less than the capital cost for constructing an open and lined treatment pond and construction of a sprayfield to receive treated effluent from the treatment unit. As a result of these activities, point source discharge from the Stowell Complex to Spring Creek has been eliminated, and the RWQCB rescinded the NPDES permit and Cease and Desist Order. The NPDES permit and Order were replaced with Waste Discharge Requirements (WDRs).

Project Manager for the evaluation and remediation of the Afterthought Mine. The mine is an historic copper mine located along the Copper Crescent in Shasta County, a sulfide deposit stretching from Whiskeytown to Ingot. The mine discharges acidic water from four portals in excess of water quality standards. Ms. Johnston is responsible for the management of the project, monitoring and reporting, and management of the interdisciplinary team to evaluate remedial alternatives and design a cost-effective solution to the problem.

Project Manager for the update of design plans and specifications for the Golinsky Mine bulkhead seals. At the request of the RWQCB, the U.S. Forest Service (USFS) initiated an investigation that resulted in the decision to seal the upper and lower portals of the mine in an effort to inhibit ARD to Little Backbone Creek. The project was located in steep, rough terrain completely inaccessible by road, and all materials and labor had to be airlifted or barged to the site across Shasta Lake. Air cranes were used to mob and demob all equipment and supplies, such as concrete. Due to limited operating area in the vicinity of the portals (less than 1000 square feet), equipment and material were staged on a landing across the creek. The total construction budget was \$700,000.

Permitting Coordinator for a Silica Sand Mine north of Oroville in Butte County, California. The proposed mine included a quarry, sorting area, slurry pipeline, road construction, and truck loading area. She was also retained to assist in the permitting of a sand washing and processing facility in Oroville, 7 miles south of the site. The project included biological site assessments, revegetation plans, and submission of a Report of Waste Discharge for the processing facility, and a Construction Stormwater Pollution Prevention Plan for the processing facility. Coordination efforts included work with the CDFG, the RWQCB, Butte County, and the City of Oroville. Continued activities at the mine site involve operation expansion, mercury sampling, and mitigation for species of special concern located downstream from the quarry.

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Project Manager and Permitting Coordinator for the Shasta Ranch Aggregate Project in Shasta County. The proposed 30-year project would remove over 10 million tons of soil and aggregate from 268 acres along the Sacramento River near Anderson. The gravel deposits were among the last remaining concrete-grade aggregate in Shasta County and located on terraces adjoining the river. The project was extremely controversial. Coordinated preparation for the Reclamation Plan and all required engineering and permits with ACOE, RWQCB and Reclamation Board, as well as coordination with the USFWS concerning protection for endangered salmon populations during excavation activities and flood concerns. The project required preparation of an Environmental Impact Report (EIR) under CEQA. Primary issues included evaluation of historic dioxin contamination and archeological areas, traffic, noise, and dust. Following completion of mining activities, the projected use of the site is agricultural, wetland ponds, and open-space preserve.

Project Manager and author of SMARA permits for clay and cinder pit mines in Tulalake Basin. Work included topographic surveys, reclamation plan, and CEQA initial study for a clay pit and small cinder pit at the Dry Lakes Ranch in Modoc County. The two locations had been unpermitted previously but had been used for many years by local residents and municipalities.

Site Investigation and Remediation

In addition to her CWA experience, Ms. Johnston has conducted numerous investigations and site remedial activities including CERCLA sites and Applicable or Relevant and Appropriate Requirements (ARAR) analysis as well as sites under Department of Toxic Substances Control (DTSC) and RWQCB cleanup standards. She has also summarized regulatory and permit requirements for a desalinization facility, prepared arguments opposing a facilities investigation (RFI) for an RCRA hazardous waste facility, evaluated sites for expanded site investigations (ESI), and prepared permit summary requirements (California and RCRA) for hazardous waste treatment facilities. Ms. Johnston has performed property audits and third-party compliance inspections for lumber mills, power generation facilities, and other industrial facilities.

Project Manager/Regulatory Compliance Coordinator for the Humboldt Road Burn Dump (HRBD) project in Butte County. The HRBD was a collection of adjacent public and private properties totaling approximately 157 acres. The City of Chico owned and operated the main landfill/burn dump from the early 1900s to approximately 1965 when the Butte County Neal Road landfill was opened. The HRBD was the subject of extensive investigations and controversy. Cleanup of the site had been stalled since 1992 by regulatory agencies and environmental groups. Ms. Johnston was selected to manage the project because of her reputation and ability to "get the project done." She was able to complete permitting, design, and the first phase of remediation in less than 6 months. This included preparation of a Draft and Final EIR. She coordinated permitting with State and Federal agencies including California Department of Fish and Game (CDFG), Army Corps of Engineers (ACOE), DTSC, RWQCB, and U.S. Fish and Wildlife Service (USFWS). Permits needed to implement the remediation plan included WDRs /NPDES, 404 Water Quality, Section 7, Clean Water Act 401, CDFG 1603 permit, and air permit with the Butte County Air Quality Board. Design plans included the Remedial Action Plan, Remedial Design Implementation Plan, Draft EIR, and Final EIR.

Project Manager for a large State-led Superfund investigation at the Diamond Match Facility in Chico, California. The site, operated since 1906 as a match factory and molding plant, includes pentachlorophenol, formaldehyde, lead and arsenic contamination in soil, and pentachlorophenol contamination in groundwater. Ms. Johnston successfully managed the project from initial characterization through final remediation. The project included emergency remedial measures, excavation and removal of more than 50,000 cubic yards of soil, and the design and installation of a groundwater extraction system. Ms. Johnston managed an interdisciplinary team of professionals to complete the project in accordance with a schedule dictated by the State of California. Total project costs have exceeded \$5,000,000, with design and consulting fees of \$1,000,000.

Wendy Johnston
Vice President Regulatory Compliance

Project Manager for the Federal-led Superfund investigation at a large sawmill complex in Oroville, California. The facility included a sawmill, particleboard plant, planer, landfill, and equipment shop. The Superfund site investigation included the analysis of wood (raw material, products, and waste stream), soil, sediment, air, surface water, and groundwater. She was responsible for preparation of the Remedial Investigation Report and Feasibility Study Evaluation. She also served as Project Manager for a subsequent investigation of formaldehyde air emissions at the particleboard plant at the same facility. The study was conducted under the requirements of Superfund. The formaldehyde air emissions study required the sampling of 19 source points over three seasons. The study included statistical analysis of sampling results, emissions modeling, and preparation of a final Remedial Investigation Report and numerous progress reports.

Team Member preparing ARAR analysis for numerous Superfund sites including Iron Mountain Mine, Purity Oil Sales, and Kesterson reservoir.

Landfills

Her experience at solid waste sites includes permitting, solid waste management planning, and closure conceptual designs. Ms. Johnston has prepared permit documents for numerous municipal and industrial clients including Reports of Disposal Site and Transfer Station Information, Periodic Site Reviews, Operation and Management Plans, modification of records procedures, preparation of Closure and Post-Closure Maintenance Plans, financial assurance reporting, Reports of Waste Discharge, Use Permit Applications, and CEQA documentation. She also has prepared Solid Waste Management Plans, Source Reduction and Recycling Elements, Integrated Waste Management Plans, and Siting Elements. Ms. Johnston completed preparation of the first consolidated submittal under AB 1220 and SB 1185. This document prepared for the Casper Clean Closure project, served as a test case for permit streamlining in the state. She has prepared Joint Technical Documents and Closure Plans under the new Title 27 regulations. She was involved in numerous landfill expansions, closure permitting, and design projects in Shasta, Modoc, El Dorado and Contra Costa Counties.

Project Manager for Plumas County Landfill project for over 13 years. The Gopher Hill Landfill is a 13-acre unlined Class III landfill that received waste from the City of Quincy and unincorporated areas of western Plumas County. It is located on public lands administered by the USFS. She coordinated the closure design of a Title 27 cap for the site. The landfill had been constructed over the historic Gopher Hill Mine, which included hard rock hydraulic mining operations from the early 1900s; mine tailings waste rock; and cultural areas of significance. Drainage and topography at the landfill site were extensively altered. The project included investigations, permitting, and design activities at the site including NPDES permitting, quarterly monitoring and regulatory compliance monitoring, preparation of Final Closure and Post Closure maintenance plans, preparation of final construction plan and specifications, and State Historic Preservation Office (SHPO) evaluation and documentation. She also prepared an Environmental Assessment and SHPO documentation for the USFS for the site.

Project Manager for the design and closure permitting for a landfill site in El Dorado County, which had a history of water quality problems and compliance violations. This project included the conceptual closure design, final closure design, design of the expansion area, operational planning development, and permitting. For the same client, she managed the evaluation of siting alternatives for a new landfill or other solid waste disposal facility, and prepared the Solid Waste Management Plan and Source Reduction and Recycling Element.

Primary Author/Project Manager for three closure-planning documents prepared for the Louisiana-Pacific Landfill in Oroville, California. She successfully argued for a wood waste exemption for two of the three waste management units at this site. This is exceptional because the facility is listed as a Federal Superfund site, and approval was required not just from the State agencies, but from the Environmental Protection Agency as well. Three separate closure documents were prepared to respond to the exemption and allow Louisiana-Pacific to close portions of the site with in-house personnel. The first submittals for Waste Management Units No. 2 and 3 were approved without comment by the California Integrated Waste Management Board and complimented for their clarity and simplicity.

Wendy Johnston
Vice President Regulatory Compliance

Project Manager/Primary Author of Joint Technical Documents for Modoc County Alturas Landfill, and closure plans for Ft. Bidwell landfill.

Planning and Watershed Assessments

Project Manager/Primary Author of the Upper Pit River Watershed Assessment. The Pit River Watershed covers 2 million acres, and represents one of the largest watershed assessment projects undertaken in the State of California. Water quality problems along the Pit River include sediment supply, dissolved oxygen, nitrate levels, elevated water temperatures, and lack of summer flow. The primary goals of the project were to identify the factors that contribute to Pit River water quality, and work with landowners to implement solutions that will resolve the issues. The objectives of the watershed assessment were to build a defensible administrative record to support delisting of the 303(d) segment of the upper Pit River.

Project Manager/Primary Author of the Upper Pit River Watershed Management Strategy. Also completed the Watershed Management Strategy for the Pit River Watershed including identification of goals and action items, summary of the watershed assessment issue items and design of outreach program, coordination of public outreach activities and development of a management strategy document.

Project Manager/Primary Author of the Cow Creek Watershed Assessment. Ms. Johnston managed the watershed assessment document for the 274,000-acre watershed. The objective of the assessment was to gather and integrate existing information on the watershed's current and past conditions, and use the data as a basis to identify areas in which additional data are needed and ecosystem improvements were required. The document maintained a tone positive to irrigation and ranching interests and resulted in broad support of restoration and conservation ideas, including fish screens, prescribed fire, and non-native vegetation control.

Project Manager/Primary Author for the Sierra Valley Watershed Assessment, a 298,000-acre project. The Sierra Valley Resource Conservation District (RCD) found the need to provide a comprehensive evaluation of environmental conditions within the hydrologic unit of Sierra Valley. Identified impairments to water quality in the Middle Fork Feather River dissolved oxygen, temperature, and sediment.

Project Manager/Primary Author Tehama West Watershed Assessment. The project area covers approximately 680,000 acres. The Tehama RCD found the need to provide a comprehensive current-conditions report of the environmental conditions within the watershed. The objective of the assessment was to gather and integrate existing information on the watershed's current and past conditions, and use the data as a basis to identify areas in which additional data are needed and ecosystem improvements were required.

Author, Water Quality Compliance Documentation for the proposed Nestle North America Bottling Plant in McCloud, California. The controversial EIR/EA project proposed to divert 1,600 feet per year, or 1,250 gpm, from springs in the vicinity of McCloud. In addition, the proposed project would involve construction of a 1,000,000-square-foot bottling plant at the historic McCloud Sawmill site. The project proposed to remove many of the historic buildings at the site, which provide a valuable cultural asset to the community. The bottling plant proposes to discharge in excess of 60,000 gallons per day of waste water into onsite treatment ponds. Ms. Johnston was responsible for evaluation of water quality and stormwater management issues as well as attendance and presentation at numerous public meetings.

Author for revisions to Tehama County's General Plan and associated EIR. Ms. Johnston conducted the evaluation of agricultural history and impacts analysis as well as coordinated work on sections relating to water and groundwater quality.

Wendy Johnston
Vice President Regulatory Compliance

Contract Director for the Lava Beds Butte Valley (LBBV) RCD. Ms. Johnston served as the director of the LBBV RCD following the Klamath Basin water crisis and worked to re-establish the RCD into an active entity in the region. She obtained numerous grants and established the RCD business plan and directives to allow the RCD to hire full-time staff to manage the agency. She also served in a similar capacity for the Pit River RCD.

Project Manager and Senior Author for the completion of the PTEIR addendum for Hearst Forests, a 61,036 acre property located in southern Siskiyou and northern Shasta Counties. The property is nearly fully regulated silviculturally, and harvest volume is less than or equal to growth volume on a periodic basis. The property is managed under an uneven-aged system of harvest. A PTEIR was submitted by Hearst Forests and approved by Cal Fire in 1998. In response to changes in the regulatory environment and guidance, Cal Fire has requested the preparation of a supplement to the PTEIR to address greenhouse gas (GHG) emissions. The GHG emission supplement calculated all segments of GHG emissions, and addressed three separate alternatives. It was approved by Cal Fire with minimal comment.

Other Projects

Program Manager City of Alturas wastewater treatment plant expansion. Ms. Johnston served as the Contract Program Manager for the City of Alturas' recent treatment plant upgrade and connection of plant to the proposed biomass power plant in the city. As program manager, she was responsible for the acquisition of state grants and loans, coordination of the design team, acquisition of required permits, public meeting presentations to City Council, and coordination with biomass plant personnel and proponents, as well as establishment of a redevelopment district for the City.

Project Manager and Compliance Coordinator for Edson Foulke Yreka Ditch Company (EFYDC) to design and permit a fish ladder for the Yreka Ditch Diversion on the Shasta River near Weed, California. The project is the result of a contentious and litigious disagreement between EFYDC and a neighboring landowner. Ms. Johnston was retained to work with EFYDC and the regulatory agencies to craft a workable solution that will improve fish passage and allow continued operation of the agricultural diversion.

Project Manager of an indefinite-quantity contract with the USDA Forest Service in which she coordinated and managed 14 different projects on seven National Forests. The projects ranged from slope stability and slide design to mine bulkhead seal design and construction to tarmac paving. The contract had a total budget of over \$500,000.

Project Manager for expansion of a milk cow dairy in Glenn County. The dairy wished to expand from 1,800 milking cows to 3,600 milking cows. Ms. Johnston coordinated pre-application meetings with the County and prepared the necessary technical documents to meet the County's recently revised confined animal element. She was responsible for coordinating with agencies and completing all permit applications and packages for submittal to the appropriate agencies.

Employment History

Prior to joining VESTRA, she served as Regulatory Compliance Coordinator for hazardous and solid waste for CH2M Hill's Redding office and spent 7 years as the Regional Office Manager for a mid-sized engineering company in Northern California. Prior to her career in environmental consulting, Ms. Johnston served as Technical Services Manager for a large timber company in Northern California. She was responsible for company compliance with hazardous materials laws and regulations, including State and Federal permitting. She also managed a reforestation program with an annual budget of over \$3 million, and was responsible for the development, implementation, and administration of a genetic improvement program for a 600,000-acre property. She was responsible for the design, implementation, and statistical analysis of research projects to respond to operational forestry problems, with an emphasis on herbicide efficacy and residual studies.

Wendy Johnston
Vice President Regulatory Compliance

Education

B.S., Forestry and Resource Management, University of California, Berkeley (1978)

Professional Registrations

Registered Environmental Manager, Nevada, License No. EM-0011

Registered Professional Forester, California, License No. 2032

Boards and Positions

Shasta County Farm Bureau Director 2012 to Present

Shasta County Resource Advisory Committee Vice Chairman 2002 to Present, Chairman 2004

California Sheep Commission 2001 to Present, Research Committee Chairman

County 4-H Community and Project Leader

Northern District Technical Advisory Committee, Board of Forestry

California Regional Water Quality Control Board 1984 to 1988

Mountain Union School District Board Member 1996 to 1998