August 2025 | Initial Study/Mitigated Negative Declaration

PARADISE HIGH SCHOOL DEVELOPMENT AT 1023 ELLIOTT ROAD PROJECT

Paradise Unified School District

Prepared for:

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PLACEWORKS

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Abbreviations and Acronyms

AAQS	ambient air quality standards
AB	Assembly Bill
ACM	asbestos-containing materials
ADT	average daily traffic
amsl	above mean sea level
AQMP	air quality management plan
AST	aboveground storage tank
BAU	business as usual
bgs	below ground surface
BMP	best management practices
CAA	Clean Air Act
CAFE	corporate average fuel economy
CalARP	California Accidental Release Prevention Program
CalEMA	California Emergency Management Agency
Cal/EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
Cal/OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources, Recycling, and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDE	California Department of Education
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
cfs	cubic feet per second
CGS	California Geologic Survey
CMP	congestion management program
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level

Abbreviations and Acronyms

CO	carbon monoxide
CO_2e	carbon dioxide equivalent
Corps	US Army Corps of Engineers
CSO	combined sewer overflows
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control
EIR	environmental impact report
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GHG	greenhouse gases
GWP	global warming potential
HCM	Highway Capacity Manual
HQTA	high quality transit area
HVAC	heating, ventilating, and air conditioning system
IPCC	Intergovernmental Panel on Climate Change
L_{dn}	day-night noise level
L_{eq}	equivalent continuous noise level
LBP	lead-based paint
LCFS	low-carbon fuel standard
LOS	level of service
LST	localized significance thresholds
M_W	moment magnitude
MCL	maximum contaminant level
MEP	maximum extent practicable
mgd	million gallons per day
MMT	million metric tons

Abbreviations and Acronyms

MPO	metropolitan planning organization
MT	metric ton
MWD	Metropolitan Water District of Southern California
NAHC	Native American Heritage Commission
NO_X	nitrogen oxides
NPDES	National Pollution Discharge Elimination System
O_3	ozone
OES	California Office of Emergency Services
PM	particulate matter
POTW	publicly owned treatment works
ppm	parts per million
PPV	peak particle velocity
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RMP	risk management plan
RMS	root mean square
RPS	renewable portfolio standard
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SIP	state implementation plan
SLM	sound level meter
SoCAB	South Coast Air Basin
SO_X	sulfur oxides
SQMP	stormwater quality management plan
SRA	source receptor area [or state responsibility area]
SUSMP	standard urban stormwater mitigation plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
TNM	transportation noise model

Abbreviations and Acronyms

tpd	tons per day
TRI	toxic release inventory
TTCP	traditional tribal cultural places
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	urban water management plan
V/C	volume-to-capacity ratio
VdB	velocity decibels
VHFHSZ	very high fire hazard severity zone
VMT	vehicle miles traveled
VOC	volatile organic compound
WQMP	water quality management plan
WSA	water supply assessment

1. Introduction

1.1 OVERVIEW

The Paradise Unified School District (PUSD or District) proposes to develop a vacant lot located at 1023 Elliot Road in the Town of Paradise, Butte County, with a new livestock farming area and barn for the use of Paradise High School students (proposed project).

In compliance with the California Environmental Quality Act (CEQA), the District, as the lead agency, is preparing the environmental documentation for the proposed project to determine if approval of the requested discretionary actions and subsequent development would have a significant impact on the environment. As defined by Section 15063 of the CEQA Guidelines, an initial study is prepared primarily to provide the lead agency with information to use as the basis for determining whether an Environmental Impact Report (EIR), Negative Declaration (ND), or Mitigated Negative Declaration (MND) would provide the necessary environmental documentation and clearance for the proposed project. This initial study has been prepared to support the adoption of an MND.

1.2 CALIFORNIA ENVIRONMENTAL QUALITY ACT

The environmental compliance process is governed by the CEQA and the CEQA Guidelines (Public Resources Code [PRC], Section 21000 et seq.; California Code of Regulations [CCR], Title 14, Sections 15000 et seq.). CEQA was enacted in 1970 by the California Legislature to disclose to decision-makers and the public the significant environmental effects of projects and to identify ways to avoid or reduce the environmental effects through feasible alternatives or mitigation measures. Compliance with CEQA applies to California government agencies at all levels: local, regional, and State agencies, boards, commissions, and special districts (such as school districts and water districts). The PUSD is the lead agency for the proposed project and is therefore required to conduct an environmental review to analyze the potential environmental effects associated with the proposed project.

PRC Section 21080(a) states that analysis of a project's environmental impact is required for any "discretionary projects proposed to be carried out or approved by public agencies…." In this case, the District has determined that an Initial Study is required to determine whether there is substantial evidence that construction and operation of the proposed project would result in environmental impacts.

1.3 ENVIRONMENTAL PROCESS

A "project" means the whole of an action that has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, and that is any of the following:

1. Introduction

- An activity directly undertaken by any public agency including but not limited to public works construction and related activities clearing or grading of land, improvements to existing public structures, enactment and amendment of zoning ordinances, and the adoption and amendment of local General Plans or elements thereof pursuant to Government Code Sections 65100 to 65700.

- An activity undertaken by a person which is supported in whole or in part through public agency contacts, grants, subsidies, loans, or other forms of assistance from one or more public agencies.

- An activity involving the issuance to a person of a lease, permit, license, certificate, or other entitlement for use by one or more public agencies. (CCR § 15378[a])

The proposed discretionary actions by PUSD constitute a "project" because the activity would result in a direct physical change in the environment and would be undertaken by a public agency. All "projects" in the State of California are required to undergo an environmental review to determine the environmental impacts associated with implementation of the project.

1.3.1 Initial Study

The purpose of the Initial Study is to 1) provide the lead agency with information to use as the basis for deciding the proper type of CEQA document to prepare; 2) enable the lead agency to modify a project, mitigating adverse impacts before an EIR is prepared, thereby enabling the project to qualify for a negative declaration; 3) assist in the preparation of an EIR, if one is required; 4) facilitate environmental assessment early in the design of a project; 5) provide documentation of the factual basis for the findings in an MND or ND; 6) eliminate unnecessary EIRs; and 7) determine if a project is covered under a previously prepared EIR. When an Initial Study identifies the potential for immitigable significant environmental impacts, the lead agency must prepare an EIR (14 CCR § 15064); however, if all impacts are found to be less than significant or can be mitigated to less than significant, the lead agency can prepare an ND or MND that incorporates mitigation measures into the project (14 CCR § 15070).

1.3.2 Mitigated Negative Declaration

The MND includes information necessary for agencies to meet statutory responsibilities related to the proposed project. State and local agencies will use the MND when considering any permit or other approvals necessary to implement the project. A list of the environmental topics that have been identified for study in the MND is provided in the Initial Study Checklist (Chapter 3).

One of the primary objectives of CEQA is to enhance public participation in the planning process; public involvement is an essential feature of CEQA. Community members are encouraged to participate in the environmental review process, request to be notified, monitor newspapers for formal announcements, and submit substantive comments at every possible opportunity afforded by the District. The environmental review process provides several opportunities for the public to participate through public notice and public review of CEQA documents and at public meetings.

1.4 IMPACT TERMINOLOGY

The following terminology is used to describe the level of significance of impacts.

- A finding of no impact is appropriate if the analysis concludes that the project would not affect the particular topic area in any way.
- An impact is considered less than significant if the analysis concludes that it would cause no substantial adverse change to the environment and requires no mitigation.
- An impact is considered less than significant with mitigation incorporated if the analysis concludes that it would cause no substantial adverse change to the environment with the inclusion of environmental commitments or other enforceable mitigation measures.
- Mitigation Measures. If, after incorporation and implementation of federal, state, and local regulations, there are still significant environmental impacts, then feasible and project-specific mitigation measures are required to reduce impacts to less than significant levels. Mitigation measures must further reduce significant environmental impacts above and beyond compliance with federal, state, and local laws and regulations. Mitigation under CEQA Guidelines Section 15370 includes:
    - Avoiding the impact altogether by not taking a certain action or parts of an action.
    - Minimizing impacts by limiting the degree or magnitude of the action and its implementation.
    - Rectifying the impact by repairing, rehabilitating, or restoring the impacted environment.
    - Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action.
    - Compensating for the impact by replacing or providing substitute resources or environments.

An impact is considered potentially significant if the analysis concludes that it could have a substantial adverse effect on the environment. If any impact is identified as potentially significant, an EIR is required.

1. Introduction

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2. Project Description

2.1 PROJECT LOCATION

The Paradise High School campus (Paradise HS or campus) is at 5911 Maxwell Drive in the Town of Paradise, Butte County. The Town of Paradise is approximately 13 miles west of the City of Chico. The project site would include one 1.58-acre parcel at 1023 Elliott Road (Assessor's Parcel Number [APN] 053-110-070), located approximately 500 feet east of the Paradise HS campus (project site). The project site is bounded by Elliot Road to the south, residential properties to the north and west, and vacant land to the east. The project site is approximately 6 miles west of State Route 70 (SR-70), approximately 6.6 miles east of SR-32, and approximately 9.5 miles north of SR-99 (Figure 1, *Regional Location*, and Figure 2, *Local Vicinity*).

2.2 EXISTING CONDITIONS

The project site is currently vacant and previously contained one residential property that burned down during the 2018 Camp Fire (see Figure 3, *Aerial Photograph*). The project site and surrounding area are nearly flat, with a slight slope from east to west. The project site was burned in the 2018 Camp Fire. Though prevailing winds are from the west or northwest, during the summer and fall months, strong dry winds can blow from the east, causing red flag conditions (Butte County 2023).

The existing school serves students from grades 9 through 12. The existing school, which was founded in 1954, currently contains several classrooms building, administration buildings, auditorium, and four surface parking lots. Additionally, the Paradise HS campus contains athletic facilities, including a football field, baseball and softball fields, hardtop basketball courts, tennis courts, and a gymnasium. As shown in Table 1, *Paradise High School 2024-2025 Enrollment*, during the 2024-2025 school year, the school had a student population of approximately 495 students. Additionally, during the 2024-2025 school year, PUSD had a student population of approximately 2,394 students (CDE, 2025).

Table 1 Paradise High School 2023-2024 Enrollment

School Year Enrollment	Grade 9	Grade 10	Grade 11	Grade 12	Total Enrollment
2024-2025	145	135	114	101	495

Source: CDE 2025.

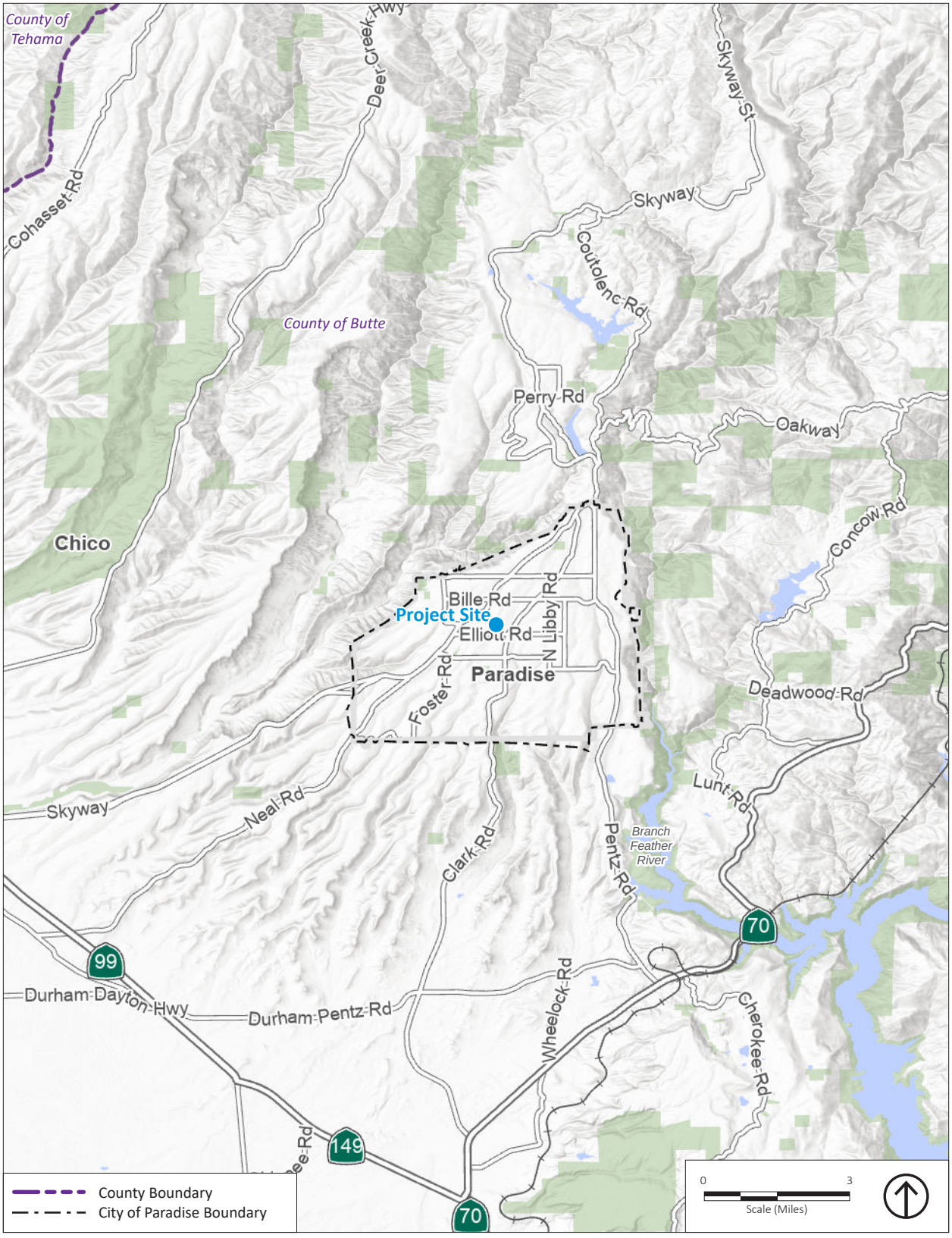
2.3 ENVIRONMENTAL SETTING

2.3.1 Existing Land Use

The project site has a general plan land use designation of Town Residential (TR) and is zoned Town Residential-1/2 (TR-1/2), both of which are intended for land areas that are planned or existing single-family residential areas characterized by small-sized parcels. Animal production/livestock is permitted in a TR-1/2 zone upon town approval and issuance of an administrative permit. However, the District is exempt from local zoning and does not require an administrative permit.

2.3.2 Surrounding Land Use

The project site is predominantly surrounded by residential uses. Parcels to the north, west, and east of the project site are zoned TR-1/2, with Multi-Family and TR to the south. Commercial uses are located at the intersection of Elliot Road and Clark Road, and the Paradise HS campus is located approximately 500 feet west of the project site, near the intersection of Elliott Road and Maxwell Drive. Parcels to the north and south are currently vacant (see Figure 3, *Aerial Photograph*).



Source: Generated using ArcMap 2025.

Figure 1
Regional Location

2. Project Description

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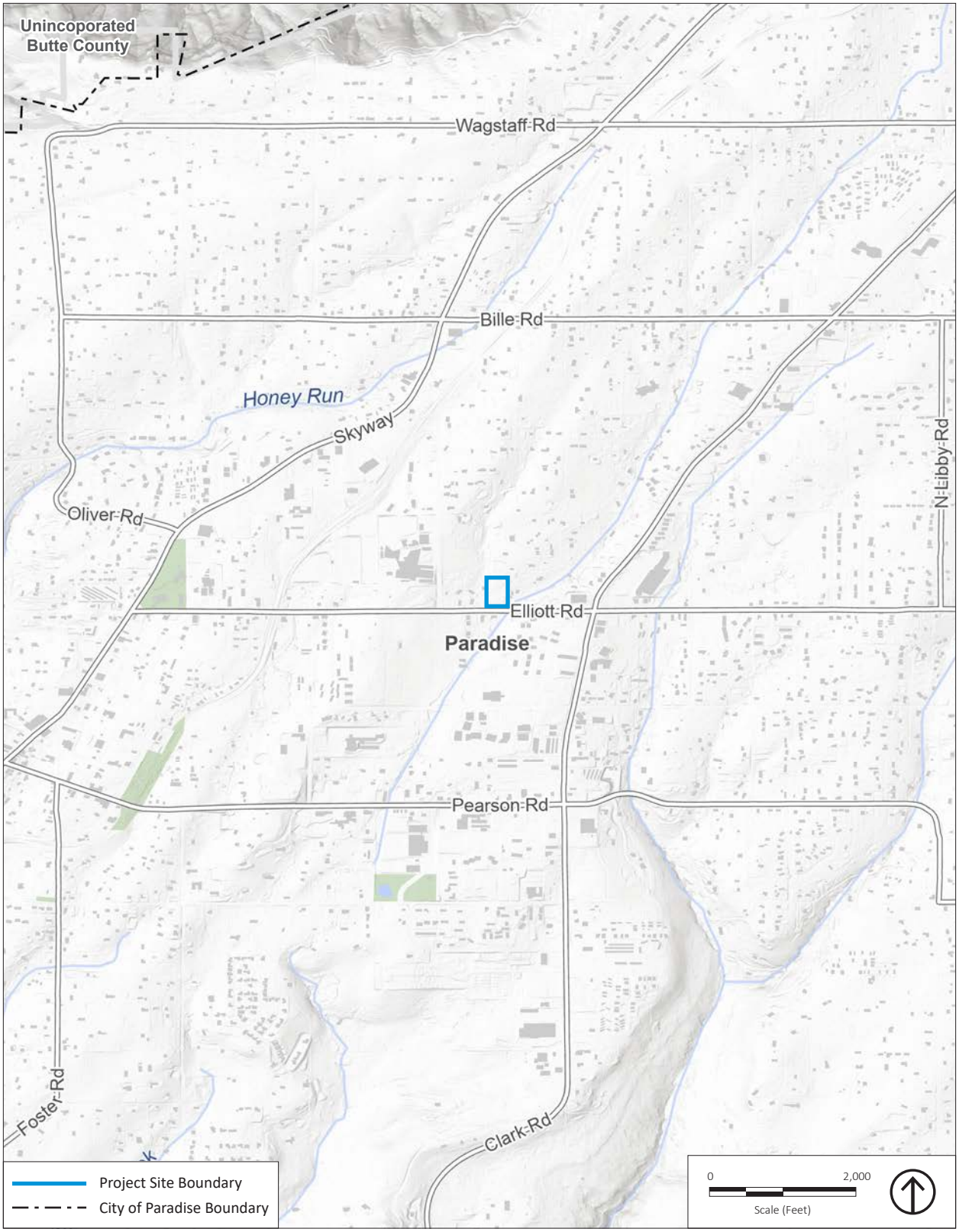

Source: Generated using ArcMap 2025.

Figure 2
Local Vicinity

2. Project Description

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Source: Nearmap 2025.

Figure 3
Aerial Photograph

2. Project Description

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2.4 PROJECT DESCRIPTION

The proposed project would occur on a 1.58-acre parcel located at 1023 Elliot Road, approximately 500 feet east of the Paradise HS campus. The proposed project would expand the Paradise High School campus, and would include a new livestock farming area and a 1,728-square-foot (sf) barn for the agricultural education program for Paradise HS students (See Figure 4, *Project Site Plan*).

The proposed barn building would include eight stalls for livestock and an accessible walk pathway that would run through the middle of the barn and lead to the outside. The proposed project would connect to existing underground utilities. No mechanical equipment, including HVAC, compressor, or farm equipment, would be located at the project site, nor would any diesel-powered equipment be required during operation. The proposed project would not require natural gas.

The proposed project would be exclusively used by the Paradise HS agricultural program and would serve the existing students of the high school. The proposed project would not increase student capacity, and no other uses are proposed. Operation of the proposed project would occur during school hours, which begins at 8:30 a.m. and concludes at 3:25 p.m.

2.4.1 Project Construction

Project construction is anticipated to be completed in approximately 9 months, beginning in the Fall 2025 and ending in the Summer 2026. Construction would include grading and excavation, trenching for site utilities, building construction, architectural coatings, and driveway and walkway construction. No trees would be removed during construction of the proposed project. The construction schedule developed for the proposed project is considered conservative (i.e., it represents a "worst case" scenario).

During construction of the proposed project, vehicles, equipment, and materials would be staged and stored on the project site. No long-term staging of equipment would occur around the perimeter of the project site parcels, and no construction staging would occur in the public right-of-way. The construction site and staging areas would be clearly marked, and construction fencing would be installed to prevent disturbance and safety hazards.

2.4.2 Site Access and Parking

Students would walk or drive from the Paradise HS campus to the project site during school hours. Vehicular and pedestrian access to the project site would be provided via one driveway along Elliot Road on the south western end of the project site boundary (see Figure 4). The driveway would be a gravel road that leads directly to the barn. A gravel parking lot would be located directly at the entrance and would contain four parking spaces. A fence would be built along the perimeter of the project site along with two gates at the entrance of the driveway. The proposed project is not anticipated to increase daily traffic volumes.

2.4.3 Odor Management Plan

As part of the Future Farmers of America (FFA) program, students would raise livestock which would include pigs only, keeping the pens clean, and ensuring the health of the livestock. Students would engage with their livestock multiple times a day to ensure living conditions are kept clean and sanitary. The District would implement the following strategies to minimize any odors that would result from the operation of the proposed project:

- Stalls would be regularly cleaned and layered with woodchips to absorb and contain odors.
- Woodchips and manure removed from the barn would be stored and composted for re-use around PUSD.
- Manure would be covered to contain the potential odors.
- Manure would be treated, if necessary, with natural amendments to adjust the pH levels.
- Animal feed would be adjusted to reduce nitrogen and sulfur compounds, which will minimize odor causing compounds.
- Constant ventilation would be used inside of the barn to remove odors and stale air.
- Signs would be posted at the entry to the proposed facility and include the contacts for any comments or complaints from the community that will be responded to promptly.

2.5 DISCRETIONARY APPROVALS

PUSD is the lead agency under CEQA. The District Board of Trustees (Board) would approve the proposed project and adopt the IS/MND and Mitigation Monitoring and Reporting Program. The Board will consider the information in the IS/MND when making its decision to approve or deny the proposed project, or in directing modifications to the proposed project in response to the IS/MND's findings and mitigation measures. The IS/MND is intended to disclose to the public the proposed project's details, analyses of the proposed project's potential environment impacts, and identification of feasible mitigation that would lessen or reduce significant impacts to less-than-significant levels.

The District is the lead agency under CEQA and has approval authority over the proposed project. The proposed project would require approval and/or coordination from the following responsible agencies.

Lead Agency	Action
Paradise Unified School District	• Approve the proposed project • Adopt the Initial Study/Mitigated Negative Declaration • Adopt the Mitigation Monitoring and Reporting Program
Responsible Agencies	**Action**
Department of General Services, Division of State Architect (DSA)	• Approval of construction drawings
Town of Paradise Fire Department	• Approval of plans for emergency access and emergency evacuation.



LEGEND

- FOUND MONUMENT AS NOTED
- NORTHSTAR CONTROL POIN"
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING HOSE BIB
- EXISTING UTILITY VAULT/BOX AS NOTED
- EXISTING UTILITY POLE
- XX" EXISTING DECIDUOUS TREE WITH TYPE AND SIZE AS NOTED
- XX" EXISTING EVERGREEN TREE WITH TYPE AND SIZE AS NOTED
- EXISTING CONCRETE
- EXISTING EDGE OF PAVEMENT
- X EXISTING FENCE AS NOTED
- EXISTING RETAINING WALL
- 15" SD EXISTING UNDERGROUND STORM DRAIN
- EX-W EXISTING UNDERGROUND WATER LINE
- EX-G EXISTING UNDERGROUND GAS LINE
- EX-OH EXISTING OVERHEAD UTILITY
- EXISTING TOP OF BANK
- EXISTING TOE OF BANK
- EXISTING GRADE BREAK
- EXISTING FLOWLINE
- 200 EXISTING MAJOR CONTOUR AT 5' INTERVALS
- 201 EXISTING MINOR CONTOUR AT 1' INTERVALS
- PROPERTY LINE

- PROPOSED BUILDING AREA
- PROPOSED CONCRETE FLATWORK
- PROPOSED GRAVEL DRIVEWAY AND PARKING
- PROPOSED FENCE/GATE
- ACCESSIBLE PATH OF TRAVEL
- DISABILITY PARKING INGRESS/EGRESS AREA

0 45
Scale (Feet)

Source: Northstar 2025.

Figure 4
Site Plan

2. Project Description

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3. Environmental Checklist

3.1 PROJECT INFORMATION

1. **Project Title:** Paradise High School Development at 1023 Elliott Road Project.

2. **Lead Agency Name and Address:**
   Paradise Unified School District
   6696 Clark Road
   Paradise, CA 95969

3. **Contact Person and Phone Number:**
   David E. McCready, Assistant Superintendent, Business Services
   530.872.6409

4. **Project Location:** The Paradise High School campus (campus) is at 5911 Maxwell Drive in the Town of Paradise, Butte County. The Town of Paradise is approximately 13 miles west of the City of Chico. The 1.58-acre project site would include one parcel at 1023 Elliott Road (Assessor's Parcel Number [APN] 053-110-070), located approximately 500 feet east of the Paradise HS campus (project site). The project site is bounded by Elliot Road to the south, residential properties to the north and west, and vacant land to the east. It is approximately 6 miles west of State Route 70 (SR-70), approximately 6.6 miles east of SR-32, and approximately 9.5 miles north of SR-99. The project site is currently vacant and previously contained one single-family residence that burned down in the 2018 Camp Fire.

5. **Project Sponsor's Name and Address:**
   David E. McCready, Assistant Superintendent, Business Services
   Paradise Unified School District
   6696 Clark Road
   Paradise, CA 95969

6. **General Plan Designation:** The project site has a general plan land use designation of Town Residential (TR).

7. **Zoning:** The project site is zoned Town Residential-1/2 (TR-1/2).

8. **Description of Project:**

The proposed project would occur on approximately 1.58 acres located at 1023 Elliot Road. The proposed project is part of the Paradise High School Expansion Project that would include a new livestock farming area and a 1,728-square-foot (sf) barn for the agricultural education program provided by the high school. The proposed project would serve the existing students of the high school and would not increase student capacity. The use of the barn would be exclusive to the agricultural program for the current students enrolled at the high school; no other uses are proposed.

3. Environmental Checklist

9. Surrounding Land Uses and Setting:

The project site is predominantly surrounded by residential uses. Parcels to the north, west, and east of the project site are zoned TR-1/2, and Multi-Family and TR to the south. Commercial uses are located at the intersection of Elliot Road and Clark Road. Parcels to the north and south are currently vacant.

10. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21080.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.94 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

The District invited California Native American tribes that are traditionally and culturally affiliated with the project area to consult on the proposed project via email. Three tribes were contacted on June 3, 2025, consistent with Assembly Bill 52. The three tribes were the Berry Creek Rancheria of Maidu Indians of California, the Enterprise Rancheria-Estom Yumeka Maidu Tribe, and the Mechoopda Indian Tribe of Chico Rancheria. No responses received from any of the tribes that were contacted, no additional project information was requested.

3.2 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact," as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture / Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology/Soils	☐ Greenhouse Gas Emissions	☐ Hazards and Hazardous Materials
☐ Hydrology/Water Quality	☐ Land Use / Planning	☐ Mineral Resources
☐ Noise	☐ Population / Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities / Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

3.3 DETERMINATION (TO BE COMPLETED BY THE LEAD AGENCY)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature *Date* 7/29/25

DAVID E. McCRACKEN ASST. SUPT.

Printed Name *Title*

3.4 EVALUATION OF ENVIRONMENTAL IMPACTS

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors, as well as general standards (e.g., the project would not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.

5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:

   a) **Earlier Analyses Used.** Identify and state where they are available for review.

   b) I**mpacts Adequately Addressed.** Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.

   c) **Mitigation Measures.** For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.

9. The explanation of each issue should identify:

    a) the significance criteria or threshold, if any, used to evaluate each question; and
    b) the mitigation measure identified, if any, to reduce the impact to less than significance.

3. Environmental Checklist

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4. Environmental Analysis

This section provides checklists for environmental impacts, an evaluation of the impact questions in the checklists, and mitigation measures to reduce impacts if necessary.

4.1 AESTHETICS

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS. Except as provided in Public Resources Code Section 21099, would the project:				
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?			X	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	

Except as provided in Public Resources Code Section 21099, would the project:

a) Have a substantial adverse effect on a scenic vista?

No Impact. A scenic vista is a viewpoint that provides expansive views of a highly valued landscape for the benefit of the public. Some scenic vistas are officially designated by public agencies, or informally designated by tourist guides. Vistas provide visual access or panoramic views to a large geographic area and are generally located at a point where surrounding views are greater than one mile away. Panoramic views are usually associated with vantage points over a section of urban or natural areas that provide a geographic orientation not commonly available. Examples of panoramic views might include an urban skyline, valley, mountain range, large open space area, the ocean, or other water bodies. A substantial adverse effect to a scenic vista is one that degrades the view from such a designated view spot.

The Town of Paradise General Plan has established gateway areas and scenic corridors to preserve the scenic vistas. The project site is not located within a gateway area or along scenic corridors (Paradise 1994). The Town of Paradise is located in the western foothills of Sierra Nevada Mountains and is characterized by intervening ridges and valleys sloping to the southwest. The project site is relatively flat. Views from the project site and

these scenic areas are limited and obstructed by the surrounding environment, including existing structures and tress. Therefore, no impacts to scenic vistas would occur.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

No Impact. A scenic highway is generally considered a stretch of public roadway that is designated as a scenic corridor by a federal, state, or local agency. California Department of Transportation (Caltrans) defines a scenic highway as any freeway, highway, road, or other public right-of-way, that traverses an area of exceptional scenic quality.

According to the California Scenic Highway Mapping System, the closest eligible state scenic highway is State Route 70 (SR-70), approximately 6 miles west of the project site (Caltrans 2025). Additionally, the proposed project would not be visible from State Route 49 (SR-49), which is the nearest state-designated scenic highway, located approximately 43 miles southeast of the project site. Furthermore, there are no rock outcroppings or historic buildings onsite; the project site is vacant and void of any buildings and structures. Therefore, no impact to scenic resources within a state scenic highway would occur due to project development.

c) In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less Than Significant Impact. The project site is in a nonurbanized area and is surrounded by residential, commercial, and public institutional development and vacant land.

Grading and construction activities associated with the proposed project have the potential to cause temporary degradation of local aesthetics for residents living close to the proposed project. However, such activities are temporary and would cease with completion of the proposed project. These activities would be typical of any site in the Town that undergoes development or redevelopment. Due to the short-term, temporary nature of construction activities and the non-altering effect on the surrounding neighborhood character, impacts would be less than significant.

The project site has a general plan land use designation of Town Residential (TR) and is zoned Town Residential-1/2 (TR-1/2), both of which are intended for land areas that are planned or are existing single-family residential areas characterized by small-sized parcels. Animal production/livestock is permitted in a TR-1/2 zone upon town approval and issuance of an administrative permit. However, the District is exempt from local zoning and does not require an administrative permit. Therefore, implementation of the proposed project would not conflict with applicable zoning or other regulations governing scenic quality, and impacts would be less than significant.

d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. The two major causes of light pollution are glare and spill light. Spill light is caused by misdirected light that illuminates areas outside the area intended to be lit. Glare occurs when a bright object appears against a dark background, such as oncoming vehicle headlights or an unshielded light bulb.

As shown in Figure 3, the project site is surrounded by a mix of residential and vacant land. Residential uses are considered land uses that are sensitive to lighting. No sources of light or glare currently exist on the project site. The project vicinity has streetlights, vehicle lights, parking lot lights, and building and security lights from surrounding land uses. The proposed project would not include any high-intensity lighting such as those used for athletic fields or nighttime sports activity. Security and path lights would be directional and would not spill light onto nearby residential properties. All lights would be shielded to avoid light spill and glare onto adjacent properties. Lighting would not be of substantially greater intensity than existing lights near the project site, and nighttime views would not be significantly affected. Therefore, light and glare impacts would be less than significant.

4. Environmental Analysis

4.2 AGRICULTURE AND FORESTRY RESOURCES

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURE AND FORESTRY RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the **state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment** project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				**X**
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				**X**
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?				**X**
d) Result in the loss of forest land or conversion of forest land to non-forest use?				**X**
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				**X**

In determining whether impacts to agricultural resources result in significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. The Farmland Mapping and Monitoring Program produces maps and statistical data for analyzing impacts on California's agricultural resources. Agricultural land is rated according to soil quality and irrigation status and is divided into five categories: Prime Farmland, Farmland of Statewide Importance, Farmland of

Local Importance, Unique Farmland, and Grazing Land (DOC 2025a). According to the Farmland Mapping and Monitoring Program, the project site is mapped as 'Urban and Built-up Land' (DOC 2020). The proposed project would be constructed on a parcel that was previously developed with a single-family residence. The project site is approximately 500 feet east of the Paradise HS campus and is surrounded by residential uses. The closest farmland is "Unique Farmland," located approximately 1.25 miles south of the project site. The project site does not contain any farmland and would not disturb any type of farmland. Therefore, the proposed project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a nonagricultural use, and no impact would occur.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

No Impact. Williamson Act contracts restrict the use of privately owned land to agriculture and compatible open-space uses under contract with local governments; in exchange, the land is taxed based on actual use rather than potential market value. According to the California Williamson Act Enrollment Finder there is no Williamson Act contract in effect on the project site; the closest Williamson Act contract is approximately 1.9 miles west of campus (DOC 2025b). Therefore, the project would not conflict with an existing Williamson Act contract, and no impact would occur.

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

No Impact. The Town of Paradise Zoning Map designates the project site as TR-1/2 (Town Residential), which allows for single-family residences; the proposed project must be issued an administrative permit to allow for farm animals (Paradise 2025). The proposed project would not change the zoning designation of the project site and would not impact any lands zoned for forestland and timberland uses. No forested land or timberland exists on-site. Therefore, development of the proposed project would not conflict with existing zoning for forest land, timberland, or land zoned timberland production, and no impact would occur.

d) Result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The project site would be developed on a parcel previously developed with a single-family residence located 500 miles from the Paradise HS campus. No forest land uses are present on-site nor in the immediate vicinity. Development of the proposed project would not require any changes to the existing environment that could result in the conversion of forest land into nonforest use. Therefore, no impact would occur.

e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No Impact. The project site would be developed on a parcel previously developed with a single-family residence located approximately 500 feet from the Paradise HS campus. No significant forest land uses are present on-site nor in the immediate vicinity. The closest classified farmland is 1.25 miles south of the project

4. Environmental Analysis

site and is classified as "Unique Farmland." Construction of the proposed project would occur within the boundaries of the parcel and would not disturb any type of farmland. Vehicles associated with the proposed project would travel on existing public rights-of-way and would not affect the operation of any farmland in the Town. Construction and operation of the proposed project would not result in any changes to the existing environment that could result in the conversion of farmland into nonagricultural uses or forest land to nonforest use. Therefore, no impact would occur.

4.3 AIR QUALITY

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?			X	
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?			X	
c) Expose sensitive receptors to substantial pollutant concentrations?			X	
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			X	

The analysis in this section is based in part on the following study, which is in Appendix A of this Initial Study.

- *Air Quality and Greenhouse Gas Emissions Data,* PlaceWorks, May 2025

The Air Quality section addresses the impacts of the proposed project on ambient air quality and the exposure of people, especially sensitive individuals, to unhealthy pollutant concentrations. A background discussion on the air quality regulatory setting, meteorological conditions, and existing ambient air quality in the vicinity of the project site can be found in Appendix A.

The primary air pollutants of concern for which ambient air quality standards (AAQS) have been established are ozone (O_3), carbon monoxide (CO), coarse inhalable particulate matter (PM_{10}), fine inhalable particulate matter ($PM_{2.5}$), sulfur dioxide (SO_2), nitrogen dioxide (NO_2), and lead (Pb). Areas are classified under the federal and California Clean Air Act as either in attainment or nonattainment for each criteria pollutant based on whether the AAQS have been achieved. The Butte County portion of the Sacramento Valley Air Basin (SVAB), which is managed by the Butte County Air Quality Management District (BCAQMD), is designated nonattainment for O_3 under the California and National AAQS and nonattainment for PM_{10} under the California AAQS (BCAQMD 2025).

Analysis recommendations for construction and operation-related pollutant emissions are contained in BCAQMD's *CEQA Air Quality Handbook: Guidelines for Assessing Air Quality and Greenhouse Gas Impacts for Projects Subject to CEQA Review* (Handbook). As described in Section 4.3 of the Handbook, BCAQMD has established screening criteria to determine whether additional modeling for criteria air pollutants is necessary for a project. The screening criteria were created using CalEEMod version 2022.1.1.21 for the given land use types, with default Butte County urban settings, and relate to both the size of the project facility (units or square feet) and the surface area that will be disturbed to support the facility. Using the default settings, the quantity of criteria pollutant emissions is proportional to the size of the project. To determine whether a proposed project warrants further emissions quantification, BCAQMD recommends that the screening size and metric for the land use

type (units or thousands of square feet) in the Handbook be compared with that of the proposed project (BCAQMD 2024).

As provided in Table 4-1, Screening Criteria for Criteria Air Pollutants, of the Handbook, educational projects under 90,000 square feet do not require further quantification of criteria air pollutants, and a less-than-significant impact for criteria air pollutants may be assumed. However, BCAQMD recommends that modeling and quantification still be performed if a project includes any of the following:

- Significant material transport involving a considerable amount of hauling (e.g., greater than 10,000 cubic yards).
- Grading in contaminated soils or in areas with suspected or known naturally occurring asbestos.
- Simultaneous construction of more than one land use type (not applicable to high density infill development).
- Only a construction phase; that is, the project has no operational land use component (for example, a road construction or levee project).
- Preparation of an environmental impact report (EIR). (BCAQMD 2024)

BCAQMD also notes that the screening criteria quantification does not account for woodburning devices, unpaved roads, parking, or mixed land uses. The Handbook further states that projects with wood-burning devices should not rely on the screening criteria to determine that a project will have less-than-significant impacts for criteria air pollutants.

Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. CEQA requires that projects be evaluated for consistency with applicable air quality management plans (AQMPs). A consistency determination plays an important role in local agency project review by linking local planning and individual projects to the AQMPs. It fulfills the CEQA goal of informing decisionmakers of the environmental impacts of the project under consideration early enough to ensure that air quality concerns are fully addressed. AQMP strategies are based on growth projections from local general plans, such as general plans. Projects that are consistent with the local general plan are generally considered consistent with the AQMP.

The project site is currently vacant and has a general plan land use designation of Town Residential (TR). While this designation is intended for land areas that are planned or are existing single-family residential areas characterized by small-sized parcels, animal production/livestock is permitted in a TR-1/2 zone upon town approval and issuance of an administrative permit. The proposed livestock farming area and 1,728-square-foot barn would be exempted by the District from the site's local zoning under its authority pursuant to Government Code 53094. The proposed project would also allow the school to accommodate the demand for current student education within the Town of Paradise at the Paradise HS campus adjacent to the project site.

The proposed project would also be consistent with the AQMP that Northern Sacramento Valley Planning Area has prepared to attain the National AAQS and California AAQS. The AQMP includes emissions reductions targets and control measure commitments for each county within the SVAB in accordance with county growth rates. Thus, projects with emissions below the thresholds of significance for criteria pollutants would be determined to not conflict or obstruct implementation of the Northern Sacramento Valley AQMP. The proposed project would develop a 1,728-square-foot barn and would not result in an increase in enrollment at the existing high school campus. The project would also result in no increase in trips to the campus since it would be used exclusively by existing students at Paradise HS. The BCAQMD's screening criteria state that school projects under 90,000 square feet would have less than significant impacts with respect to air quality if they do not include significant material transport, grading of contaminated or asbestos-containing soils, simultaneous construction of more than one land use type, no operational land use component, or preparation of an EIR (BCAQMD 2024). The proposed project does not include any features that would preclude it from following BCAQMD's screening criteria; therefore, the proposed project would result in less than significant impacts to air quality and would not obstruct implementation of the Northern Sacramento Valley AQMP. This impact would be less than significant.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Less Than Significant Impact. As discussed above, the proposed project is below BCAQMD's screening criteria methodology for construction and operational criteria air pollutant emissions; therefore, a quantified analysis of the project's construction and operational emissions is not warranted. Per BCAQMD's methodology, a qualitative analysis of the project's construction and operational impacts is provided.

Regional Short-Term Construction Impacts

Construction activities produce combustion emission from various sources, such as on-site heavy-duty construction vehicles and motor vehicles transporting the crew. Site preparation activities produce fugitive dust emissions (PM_{10} and $PM_{2.5}$) from soil-disturbing activities including grading. Air pollutant emissions from construction activities on site would vary daily as construction activity levels change. Construction activities associated with the proposed project would result in emissions of VOC, NO_X, CO, PM_{10}, and $PM_{2.5}$.

The proposed project includes the construction of a new 1,728-square-foot barn with eight livestock stalls along with a gravel access road and parking area on the site. Construction activities associated with development of the proposed project would include site preparation, grading, building construction, paving, and painting. Construction would begin in Fall 2025 and is expected to last for 9 months. As discussed above, BCAQMD has pre-quantified emissions to determine the sizes of projects that would produce emissions that could exceed the BCAQMD's air quality significance thresholds for criteria pollutants. As stated in the Handbook, if the screening criteria are met by a proposed project, then further quantification of criteria air pollutants is not necessary, and a less-than-significant impact for criteria air pollutants may be assumed. The total of all proposed land use improvements under the proposed project would be below the BCAQMD's screening criteria of 90,000 educational building square feet. Additionally, the proposed project would not involve any activities that would make a project ineligible to use the screening criteria in the Handbook, including significant material transport, grading of contaminated or asbestos-containing soils, simultaneous construction of more than one

land use type, no operational land use component, or preparation of an EIR. Therefore, project-related construction activities would not exceed the BCAQMD's regional significance thresholds. Furthermore, the construction activities under the proposed project would be required to comply with BCAQMD's Rule 205 (Fugitive Dust Emissions) and Rule 230 (Architectural Coatings), which would ensure the project's compliance with fugitive dust control measures and use of the acceptable VOC content in coatings used by the project, respectively. Therefore, this impact would be less than significant.

Long-Term Operation-Related Air Quality Impact

Typical long-term air pollutant emissions are generated by area sources (e.g., landscape fuel use, aerosols, architectural coatings, and asphalt pavement), energy use (natural gas), and mobile sources (i.e., on-road vehicles). The proposed project would not result in an increase in student population; the proposed barn would be used for the agricultural education program provided by the high school serving existing students. No new trips to the school and project site would be generated. Students and faculty would access the site on foot from the existing Paradise HS campus. Additionally, no mechanical equipment or farm equipment would be located at the project site, nor would any diesel-powered equipment be required during operation. The proposed project also does not include any wood-burning devices. BCAQMD's screening criteria for educational land uses is 90,000 square feet. Since the proposed project's increase in land use square feet is less than the educational land use screening criteria, the air pollutant emissions generated by the proposed project would be less than BCAQMD's significance thresholds for regional criteria air pollutants. Additionally, the proposed project would not require natural gas connections, which would result in further reductions to emissions associated with building energy use when compared to existing buildings on the campus. Therefore, the proposed project would result in less than significant long-term operational air quality impacts.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. Land uses that have the potential to be substantial stationary sources that would require a permit from BCAQMD to operate include industrial land uses, such as chemical processing and warehousing operations where substantial truck idling could occur on-site. Operation of the proposed barn would not require any stationary sources or diesel-powered farm equipment. The proposed project would therefore not result in the operation of land uses expected to generate substantial amounts of toxic air contaminants (TAC).

Construction Health Risk

Health risk assessments are based on risk accumulated over a 70-year lifetime. Given the short-term nature of the proposed construction activities (approximately 9 months starting in Fall 2025), the proposed project would not result in a long-term substantial source of TAC emissions. In addition, the proposed project was previously identified as falling below the applicable BCAQMD screening criteria, indicating it would not exceed BCAQMD significance thresholds for criteria pollutants or AAQS during construction or operation. While the BCAQMD significance thresholds and AAQS are not directly associated with potential health risks, health risk impacts are the product of the quantity and concentration of pollutants generated and the duration of off-site sensitive receptors' exposure to those pollutants. Considering that construction of the proposed project would be short-term and that the proposed project's size would be well below the applicable BCAQMD screening criteria,

implying it would not generate substantial emissions during construction and operation, project-related diesel particulate matter impacts during construction are not anticipated to be significant.

Operation Health Risk

Carbon Monoxide Hotspots

Vehicle congestion has the potential to create pockets of CO called hotspots. Hotspots are typically produced at intersections, where traffic congestion is highest because vehicles are backed-up and idle for longer periods and are subject to reduced speeds. These pockets could exceed the state one-hour standard of 20 parts per million (ppm) or the eight-hour standard of 9.0 ppm. Because CO is produced in greatest quantities from vehicle combustion and does not readily disperse into the atmosphere, adherence to ambient air quality standards is typically demonstrated through an analysis of localized CO concentrations. Emissions from motor vehicles, the largest source of CO emissions, have been declining since 1985 despite increases in VMT due to the introduction of new automotive emission controls and fleet turnover. Consequently, no CO hotspots have been reported in the SVAB even at the most congested intersections.

The SVAB has been designated attainment under both the national and California AAQS for CO; however, neither BCAQMD nor the neighboring Sacramento Metropolitan Air District, which also regulates air quality in the SVAB, have screening criteria for determining whether a project has the potential to generate a localized CO hotspot. According to the Bay Area Air District, a project would have to increase traffic volumes at a single intersection to more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited—in order to generate a significant CO impact (Bay Area Air District 2023).[1] The proposed project would result in no new trips to the site; and therefore, impacts would be less than significant.

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less Than Significant Impact. BCAQMD's Handbook states that offensive or strong odors are typically associated with the following uses or activities: exhaust from heavy equipment, garbage dumpsters, restaurants, animal boarding facilities, feed lots and general agricultural operations, food processing, compost/green waste and wastewater treatment facilities, rendering plants, various industrial processes, landfills, painting/coating operations and others. Odor impacts associated with a proposed project would be considered significant if the project has the potential to frequently expose members of the public to objectionable odors. Due to the subjective nature of odor impacts, BCAQMD does not provide quantitative or formulaic methodologies to determine if potential odors would have a significant impact. However, because potential significant odor impacts are generally related to the intensity with distance from a source, BCAQMD's Handbook identifies

[1] The CO hotspot analysis refers to the modeling conducted by the Bay Area Air District (Air District) for its CEQA Guidelines because BCAQMD does not provide screening criteria for CO hotspot analyses. The Air District modeling also considers the improvement in mobile-source CO emissions. Although meteorological conditions in the Bay Area differ from those in the Sacramento Valley region, the modeling conducted by the Air District demonstrates that the net increase in peak hour traffic volumes at an intersection in a single hour would need to be substantial.

screening distances for various odor sources (see Table 7.1, Screening Levels for Potential Odor Sources, in the Handbook).

The proposed project includes a 1,728-square foot barn with eight livestock stalls, which could classify the proposed project as an animal boarding facility pursuant to BCAQMD's guidance. Emissions associated with animal boarding and livestock operations include ammonia, VOCs, and particulate matter (Conti, Marcella & Bacenetti 2020). While the relative size of the proposed project (eight livestock stalls on a 1.58-acre site) when compared to similar uses in Butte County is small (the average farm size in the county was 233 acres in 2022 [USDA 2022]), the odor associated with the on-site livestock has the potential to create nuisance conditions at nearby sensitive land uses. BCAQMD's screening levels of potential odor sources do not identify a screening distance for animal boarding facilities, but it does identify a screening distance of one mile for feed lots/dairies. As shown on Figure 3, numerous residences, the Paradise Cemetery District, and Paradise HS campus are within 1,000 feet of the proposed project. This includes residences immediately adjacent to the project site to the west.

The dispersal distance for livestock odors can vary significantly based on factors like wind direction, odor emission rates, terrain, and atmospheric conditions. In the northern SVAB, sinking air forms a "lid" over the region in summer months, confining pollution within a shallow layer near the ground that leads to photochemical smog and visibility problems. During winter nights, air near the ground cools while the air above remains relatively warm, resulting in little air movement and localized pollution "hot spots" near emission sources (Butte County 2023). These meteorological patterns also have the potential to impact the dispersal of odors and indicate that odor emissions have the potential to impact nearby receptors. Figure 1, *Wind Rose Map*, in Appendix A, shows the speed and direction of prevailing winds in the County. As shown in this figure, winds predominantly blow from the west to the northwest, which indicates that odors dispersing from the project site would travel northwest, resulting in potential impacts to the residences and school uses northwest of the project site.

Under the proposed project, livestock areas would be regularly cleaned and maintained. As described in Section 2.4.3, Odor Management Plan, the proposed project would also implement an odor management plan consisting of the following strategies:

- Stalls would be regularly cleaned and layered with woodchips to absorb and contain odors.
- Woodchips and manure removed from the barn would be stored and composted for re-use around PUSD.
- Manure would be covered to contain the potential odors.
- Manure would be treated, if necessary, with natural amendments to adjust the pH levels.
- Animal feed would be adjusted to reduce nitrogen and sulfur compounds, which will minimize odor causing compounds.
- Constant ventilation would be used inside of the barn to remove odors and stale air.
- Signs would be posted at the entry to the proposed facility and include the contacts for any comments or complaints from the community that will be responded to promptly.

The proposed odor management plan would ensure that odors on the property are mitigated and contained from spread to nearby receptors. These actions would ensure compliance with BCAQMD's odor nuisance Rule 200, reducing impacts to less than significant.

4.4 BIOLOGICAL RESOURCES

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				**X**
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?			**X**	
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?			**X**	
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?		**X**		
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?			**X**	
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				**X**

The analysis in this section is based in part on the following study, which can be found as Appendix B of this Initial Study.

- *Biological Resources Evaluation,* HANA Resources, March 2025

Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

No Impact. Special status species include those listed as endangered or threatened under the federal Endangered Species Act or California Endangered Species Act; species otherwise given certain designations by the California Department of Fish and Wildlife; and plant species listed as rare by the California Native Plant Society.

According to the U.S. Fish and Wildlife Service's mapper of critical habitat for threatened species and endangered species, the project site and surrounding area are outside of any federally designated critical habitat

(USFWS 2025a). Additionally, the project site is not in a habitat conservation plan/national community conservation plan area (HCP/NCCP) (CDFW 2025a). The project site is currently vacant; it was previously disturbed by a single-family residence that burned down during the 2018 Camp Fire. Therefore, the proposed project would not impact any candidate, sensitive, or special status species, and no impact would occur.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Less Than Significant Impact. Sensitive natural communities are natural communities that are considered rare in the region by regulatory agencies; that are known to provide habitat for sensitive animal or plant species; or are known to be important wildlife corridors. The project site was previously developed, is in a developed area, and is a former burn site. The project site is not in any HCP/NCCP (CDFW 2025a). No federally designated critical habitat exists on site or in the vicinity of the project site (USFWS 2024a).

The National Wetlands Mapper maintained by the US Fish and Wildlife service identified a riverine habitat approximately 350 feet to the east that traverses the Town of Paradise (USFWS 2025b). All project development would occur within the bounds of the project site. Thus, the project site does not contain any riparian habitat or other sensitive natural community, and it would not impact any riverine habitat or other sensitive natural community. Therefore, less than significant impacts to riparian habitat or other sensitive natural communities would occur.

c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

Less Than Significant Impact. The project site was previously developed and is in a developed area. As discussed in section 3.4(b), the National Wetlands Mapper identified a riverine habitat 350 feet to the east that traverses the Town of Paradise (USFWS 2025b). No wetlands or riverine habitats exist within the project site. Construction-related activities would occur within the project site. As further discussed in Section 4.10, *Hydrology and Water Quality*, the proposed project would prepare a Storm Water Pollution Prevention Plan that would include best management practices (BMP) to properly manage stormwater during construction of the proposed project. Stormwater generated by the proposed project would be routed to existing stormwater infrastructure on-site. During operational phase, the proposed project would adhere to the requirements of the State Water Resources Control Board's Trash Amendments, site design, and source control BMPs, as described in Section 4.10(a).

Therefore, given the distance between the proposed project and the off-site riparian habitat, compliance with regulatory compliance measures, and incorporation of best management practices, the proposed project would not affect the off-site riverine habitat. Thus, the proposed project would not have a substantial adverse effect on protected wetlands, and impacts would be less than significant.

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less Than Significant Impact With Mitigation Incorporated. The project site has been developed previously and is located within a developed area. No federally designated critical habitat exists on-site or in the vicinity (USFWS 2025a). Furthermore, based on the California Department of Fish and Wildlife's BIOS 6 viewer Terrestrial Connectivity layer, the project site has a score of one out of five, indicating the project site has a "limited connectivity opportunity" (CDFW 2025b). Areas designated as "limited connectivity opportunity" are areas where land use may limit options for providing connectivity (e.g., agriculture, urban) or no connectivity importance has been identified in models (CDFW 2025c). Due to the disturbed nature of the project site and surrounding urban development, the project site would not be an essential wildlife corridor. Additionally, the proposed project would be confined within the boundaries of the previously disturbed project site and would not result in any new impacts to wildlife corridors or native wildlife nursery sites. The proposed project contains trees on-site and would potentially disturb nesting birds that are protected by the Migratory Bird Treaty Act through indirect impacts from construction noise and vibration, which have the potential to disturb an active bird nest to the point of failure if the nest is within the immediate proximity of project construction activities. Mitigation Measure BIO-1 provides strategies for protecting birds. Therefore, implementation of Mitigation Measure BIO-1 would reduce impacts to less than significant.

Mitigation Measure

BIO-1 If construction activities occur within the bird nesting season (generally defined as February 15 through August 31), a qualified biologist shall conduct a nesting bird survey within two weeks prior to the proposed start date to identify any active nests within 500 feet of the project site. If an active nest is found, the nest shall be avoided, and a suitable buffer zone shall be delineated in the field such that no impacts shall occur until the chicks have fledged the nest as determined by a qualified biologist. Construction buffers shall be 300 feet for passerines and up to 500 feet for any raptor species; however, avoidance buffers may be reduced at the discretion of the biologist, depending on the location of the nest, the species' tolerance to human presence, and construction-related noises and vibrations.

Prior to the commencement of any grading activities, the biologist shall submit a report indicating the results of the survey and any designated buffer zones to the District.

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Less Than Significant Impact. The Butte County General Plan 2040 includes policies for protecting biological resources. Policies include, but are not limited to COS-P7.7, which requires fencing to be installed around sensitive resources on or adjacent to construction activities. In compliance with Mitigation Measure BIO-1, construction buffers would be delineated around nesting birds, should these resources be present on the project site. The proposed project does not include any tree removal.

4. Environmental Analysis

As discussed in Section 4.4(d), the project site has a "limited connectivity opportunity" where no connectivity importance has been identified in models. The proposed project would comply with the goals and policies protecting biological resources outlined within the Paradise Code of Ordinances and the Butte County General Plan. The proposed project would comply with applicable federal and state regulations protecting biological resources. Additionally, implementation of Mitigation Measure BIO-1 would mitigate impacts to nesting birds on the project site and reduce impacts to less than significant levels. Therefore, a less than significant impact would occur.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The project site has been developed prior and is located within a developed area. The proposed project is located in the planning area of the Butte Regional Conservation Plan (BRCP). The BRCP has not yet been adopted and is unlikely to be adopted prior to project implementation. Therefore, there is no potential for the proposed project to conflict with the plan. The proposed project is not within any other identified HCP/NCCP (CDFW 2025a). The proposed project would not impact any HCP/NCCP or other approved local, regional, or state conservation plan. Therefore, no impact would occur.

4.5 CULTURAL RESOURCES

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?		X		
c) Disturb any human remains, including those interred outside of dedicated cemeteries?		X		

The analysis in this section is based in part on the following study, which is in Appendix C of this Initial Study.

- *Cultural Resources Evaluation,* HANA Resources, April 2025

Would the project:

a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?

No Impact. Section 15064.5 defines historic resources as resources listed or determined to be eligible for listing by the State Historical Resources Commission, a local register of historical resources, or the lead agency. Generally a resource is considered "historically significant" if it meets one of the following criteria:

i) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;

ii) Is associated with the lives of persons important in our past;

iii) Embodies the distinctive characteristics of a type, period, region or method of construction, or represents the work of an important creative individual, or possesses high artistic values;

iv) Has yielded, or may be likely to yield, information important in prehistory or history.

The project site has been developed previously and is located within a developed area. A cultural resources records search, Native American Sacred Lands File search, and historical background research were carried out as well as an intensive-level field survey. The field survey yielded negative results for potential historical resources, and no buildings, structures, objects, features, or artifact deposits of prehistoric or historical origin were observed within the project site boundaries. Some modern refuse, including rusty metal debris and concrete fragments, were observed on the property, mainly in the western half. Meanwhile, evidence of recent ground disturbances associated with post-fire debris removal was noted in the northern half of the property. None of these were found to be of any historic interest. Additionally, the project site is not listed or eligible for listing in the California Register of Historical Resources, National Register of Historic Places, California

4. Environmental Analysis

State Historical Landmarks or Points of Historical Interest, or in a local register of historical resources (NPS 2025a, 2025b; OHP 2025a, 2025b). Through the various avenues of research, this study did not encounter any historical resources within or adjacent to the project area. No further cultural resources investigation is recommended for the project unless construction plans undergo such changes as to include areas not covered by the study in Appendix C. Therefore, the project site is not historically significant and does not contain historic structures, and no impact would occur.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?

Less Than Significant Impact With Mitigation Incorporated. The project site has been developed prior and is located within a developed area. The proposed project would include excavation and grading, which has the potential to uncover previously unknown archaeological resources. No archaeological resources were previously recorded within or adjacent to the project boundaries. However, if buried cultural materials are discovered during earth-moving operations associated with the project, all work in the immediate area should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds. Mitigation Measure CUL-1 requires that if any evidence of cultural resources is discovered, all work within the vicinity of the find will stop until a qualified archaeological consultant can assess the find and make recommendations. Therefore, impacts to archaeological resources would be reduced to a less than significant impact with mitigation.

Mitigation Measure

CUL-1 If cultural resources are encountered during ground-disturbing activities, work in the immediate area shall cease, and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (National Park Service 1983) shall be contacted immediately to evaluate the find(s), and an on-site archaeologist monitor shall oversee the remaining earthmoving activities. If the discovery proves to be significant under California Environmental Quality Act, additional work such as data recovery excavation may be warranted and will be reported to the Paradise Unified School District.

c) Disturb any human remains, including those interred outside of dedicated cemeteries?

Less Than Significant Impact With Mitigation Incorporated. During construction of the previous development and again during construction of the school, extensive earthwork (excavation and grading) occurred. Therefore, human remains are not anticipated. In the unlikely event that human remains are uncovered during grading or excavation, California Government Code Sections 27460 et seq. mandate that there shall be no further excavation or soil disturbance until the Butte County Coroner has determined that the remains are not subject to the provisions of Section 27491 of the California Government Code or any other related provisions of law concerning investigation of the circumstances, manner, and cause of death, and the required recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation, or to his or her authorized representative, in the manner provided in PRC Section 5097.98.

Pursuant to California Health and Safety Code Section 7050.5, the coroner shall make his or her determination within two working days of notification of the discovery of the human remains. If the coroner determines that the remains are not subject to his or her authority and recognizes or has reason to believe that they are those of a Native American, he or she shall contact the Native American Heritage Commission within 24 hours.

Although no known human remains have been identified on the project site, the proposed project has the potential to disturb subsurface deposits possessing traditional or cultural significance to Native American or other descendant communities. Compliance with existing regulations and implementation of mitigation measure TCR-1 would ensure that impacts to human remains would be less than significant.

4. Environmental Analysis

4.6 ENERGY

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. ENERGY. Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			X	
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			X	

The analysis in this section is based in part on the following study, which is in Appendix A of this Initial Study.

- *Air Quality and Greenhouse Gas Emissions Data,* PlaceWorks, May 2025

Would the project:

a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less Than Significant Impact. The following discusses the potential energy demands from construction activities associated with the construction and operation of the proposed project.

Short-Term Construction Impacts

Construction of the proposed project would create temporary increased demands for electricity and vehicle fuels compared to existing conditions and would result in short-term transportation-related energy use.

Electrical Energy

The majority of construction equipment would be gas- or diesel-powered, and electricity would not be used to power most of the construction equipment. Electricity use during construction would vary during different phases of construction. Later construction phases could result in the use of electric-powered equipment for interior demising wall construction and architectural coating. It is anticipated that the majority of electric-powered construction equipment would be hand tools (e.g., power drills, table saws) and lighting, which would result in minimal electricity usage during construction activities. Because the consumption of these energy resources would be necessary for the construction and finishing of the proposed project, project-related construction activities would not result in wasteful or unnecessary electricity demands, and impacts would be less than significant.

Natural Gas Energy

It is not anticipated that construction equipment used for the proposed project would be powered by natural gas, and no natural gas demand is anticipated during construction. Therefore, there would be no impact with respect to natural gas usage during construction.

Transportation Energy

Transportation energy use during construction of the proposed project would come from delivery vehicles, haul trucks, and construction employee vehicles. In addition, transportation energy demand would come from use of off-road construction equipment. It is anticipated that the majority of off-road construction equipment would be gas or diesel powered.

The use of energy resources by vehicles and equipment would fluctuate according to the construction activity and would be temporary. In addition, fuel use associated with construction vehicles and equipment would be considered necessary for the construction of the proposed project, and all construction equipment would cease operating upon completion of project construction. Thus, impacts related to transportation energy use during construction would be temporary, and transportation energy use would be limited to that necessary to complete construction of the proposed project. Furthermore, to limit wasteful and unnecessary energy consumption, the construction contractors would be required to minimize nonessential idling of construction equipment during construction, in accordance with Section 2449 of the California Code of Regulations, Title 13, Article 4.8, Chapter 9. Impacts would be less than significant.

Long-Term Impacts During Operation

Operation of the proposed project would generate minimal new demand associated with electricity use at the proposed barn. Since the proposed project would not use natural gas energy or create new trips to the site, natural gas energy and transportation fuels are not discussed.

Electrical Energy

While the proposed project would generate additional electrical energy demand at the site, it is anticipated to be limited to lighting for safety purposes, which would be considered a necessary use of energy resources. In addition, Pacific Gas and Electric is required to comply with the State's renewable portfolios standard (RPS), which mandates utilities to procure a certain proportion of electricity sold in-state from eligible renewable and carbon-free sources and increase the proportion through the coming years, with an ultimate procurement requirement of 100 percent by 2045. The RPS requirements would support project use of electricity that is generated from renewable or carbon-free sources. Overall, the proposed project would generally be consistent with the goals outlined in Appendix F of the CEQA Guidelines regarding increasing energy efficiency, decreasing reliance on fossil fuels, and increasing renewable energy sources. As such, the proposed project would not result in wasteful, inefficient, or unnecessary electricity consumption. Therefore, operation of the proposed project would result in a less-than-significant impact.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less than Significant. The State's electricity grid is transitioning to renewable energy under California's RPS. Eligible renewable sources under the RPS include wind, small hydropower, solar, geothermal, biomass, and biogas. As codified under Public Utilities Code Sections 399.11 through 399.32, California's RPS requirements are currently set at 60 percent of all in-state electricity sales being procured from eligible renewable sources by 2030 and 100 percent being procured from carbon-free sources by 2045. Carbon-free sources include eligible

4. Environmental Analysis

renewable sources as well as nuclear and large hydropower. The State cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Additionally, the proposed project would be constructed in compliance with the Building Energy Efficiency Standards and CALGreen, as applicable. The proposed project would be reviewed by the Division of State Architect (DSA) for compliance with design and construction and energy compliance. The proposed project would not conflict with state or local plans for renewable energy or energy efficiency. No impacts would occur.

4.7 GEOLOGY AND SOILS

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS. Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
ii) Strong seismic ground shaking?			X	
iii) Seismic-related ground failure, including liquefaction?			X	
iv) Landslides?			X	
b) Result in substantial soil erosion or the loss of topsoil?			X	
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?			X	
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		

Would the project:

a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No Impact. An active fault, for the purposes of the Alquist-Priolo Act, is one that has ruptured in the last 11,000 years (DOC 2024c). Based on the California Department of Conservation fault activity map of California, the proposed project site is not within an Alquist-Priolo Earthquake Fault Zone for fault rupture hazard (DOC 2025d). The closest Alquist-Priolo Earthquake Fault Zone, the Mohawk Valley fault zone, is located approximately 45 miles east of the project site. The project site does not lie on or near a fault rupture hazard zone. Therefore, no impact would occur.

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ii) Strong seismic ground shaking?

Less Than Significant Impact. The project site is not located within an established Alquist-Priolo Earthquake Fault Zone (DOC 2025d). However, the project site, like most areas in California, is subject to ground movement associated with earthquakes along the active faults. According to the Paradise General Plan, the town does not have any known earthquake faults, but encompasses several active fault zones (Paradise 1994). The degree of ground shaking and earthquake-induced damage is dependent on multiple factors, such as distances to causative faults, earthquake magnitudes, and expected ground accelerations. No active faults are within Paradise, and the closest Alquist-Priolo Earthquake Fault Zone is 45 miles east of the project site (DOC 2024d). The proposed project would be required to comply with the seismic design parameters of the California Building Code (CBC), which regulates all building and construction projects and implements a minimum standard for building design and construction that includes specific requirements for seismic safety, evacuation, foundations, retaining walls, and site demolition. Additionally, the DSA would be required to review and approve the project plans, which would ensure that the structures are sufficiently designed to withstand ground shaking. Therefore, impacts would be less than significant.

iii) Seismic-related ground failure, including liquefaction?

Less Than Significant Impact. Liquefaction refers to loose, saturated sand, or gravel deposits that lose their load-supporting capability when subjected to intense shaking. Liquefaction potential varies based on five main contributing factors: 1) Groundwater depth; 2) Soil type; 3) Relative density; 4) Initial confining pressure; and 5) Intensity and duration of ground shaking. According to the California Department of Conservation Liquefaction Zones Mapper, the proposed project is not within an identified liquefaction zone nor in the vicinity of such a zone (DOC 2022). The Paradise General Plan states that the town has a low potential for liquefaction (Paradise 1994). Additionally, the proposed project would be designed and constructed to withstand liquefaction potential consistent with CBC and DSA review, which would ensure that impacts related to liquefaction would be reduced to less than significant. Therefore, impacts related to liquefaction would be reduced to less than significant.

iv) Landslides?

Less Than Significant Impact. The project site is flat and was previously developed with a single-family residence. According to the US Geological Survey United States Landslide Inventory and Susceptibility map, the project site is not within an identified landslide susceptibility zone (USGS 2025a). Additionally, the Paradise General Plan states that the town has low landslide potential and is not within an area of potential subsidence (Paradise 1994). Therefore, impacts related to landsides are less than significant.

b) Result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. Erosion is a normal and inevitable geologic process whereby earthen materials are loosened, worn away, decomposed, or dissolved and removed from one place and transported to another. The project site contains flat terrain, which decreases the project's potential to accelerate erosion. The project site was previously developed with a single-family residence. Implementation of the proposed project would require limited earthwork, which includes grading for proper base of the proposed barn and paving for the

proposed parking lot and driveway. The proposed project does not contain any subterranean levels and would not require extensive excavation, which could expose more soils to erosion. In addition, because the proposed project encompasses an area of more than one acre, the proposed project would be subject to the National Pollutant Discharge Elimination System (NPDES) permit requirements. These include the preparation of a Storm Water Pollution Prevention Plan (SWPPP), including a BMP program to address construction-related discharges. The SWPPP for the proposed project would describe construction best practices for erosion control at the site. Therefore, the proposed project would not result in substantial soil erosion or loss of topsoil, and impacts would be less than significant.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

Less Than Significant Impact. As discussed in Sections 4.7(a)(iii) and 4.7(a)(iv), the project site is not in a liquefaction zone or a landslide zone. Lateral spreading is a type of liquefaction-induced ground failure associated with the lateral displacement of surficial blocks of sediment resulting from liquefaction in a subsurface layer. Once liquefaction transforms the subsurface layer into a fluid mass, gravity plus the earthquake inertial forces may cause the mass to move downslope toward a free face (such as a river channel or an embankment). Lateral spreading may cause large horizontal displacements, and such movement typically damages pipelines, utilities, bridges, and structures. Due to the project site not being in an identified liquefaction zone, the potential for lateral spreading is considered low (Caltrans 2020).

According to the United States Geological Survey Areas of Land Subsidence in California, the project site is not within an area subject to subsidence (USGS 2025b). The collapse of soils occurs with (1) an open, partially unstable, partially saturated fabric; (2) sufficient total stress to make the soil structure metastable; (3) the presence of a bonding agent or sufficient soil suction to stabilize the soil in the metastable condition; and (4) the addition of water, which reduces soil suction or softens/destroys the bonding agent, thereby causing shear failures at the inter-aggregate or inter-particle contacts (Caltrans 2024). As discussed above, the proposed project would be designed and constructed to withstand landslide, liquefaction, lateral spreading, subsidence, liquefaction, or collapse potential. With adherence to the CBC and with DSA's review, the proposed project would not result in or contribute to on- or off-site impacts. Therefore, impacts would be less than significant.

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less Than Significant Impact. Expansive soils contain certain types of clay minerals that shrink when they dry out and swell when soils become wet, resulting in the potential for cracking building foundations and in some cases, structural distress of the buildings themselves. According to Websoil survey, the project site is primarily located within Paradiso Loam, 2 to 15 percent slopes. Paradiso Loam is a well-drained, volcanic soil that has no frequency of flooding (USDA 2025). Therefore, impacts would be less than significant.

4. Environmental Analysis

e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. The proposed project would not require the installation or use of a septic tank or alternative wastewater disposal system. Therefore, no impacts would result from soil conditions in relation to septic tanks or other on-site water disposal systems.

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant Impact With Mitigation Incorporated. A paleontological resource is a natural resource characterized as faunal or floral fossilized remains but may also include specimens of nonfossil material dating to any period preceding human occupation. A significant impact would occur if ground-disturbing activities (e.g., grading, excavation) associated with project construction would disturb, damage, or destroy previously unknown buried paleontological features and deposits that could be considered significant resources.

Construction activities would require surficial grading and minimal excavation over the project site. The project site had previously been developed with a single-family residence; however, though paleontological resources are not expected to be discovered during project construction, it is possible that unknown paleontological resources could be discovered during grading activities for the proposed project. Implementation of Mitigation Measure GEO-1 would ensure that impacts to unknown paleontological resources are less than significant.

Mitigation Measure

GEO-1 In the event that fossils or fossil locality deposits are discovered during construction, excavations within 50 feet of the fossil locality shall be temporarily halted until removal of the fossil localities. The contractor shall notify a qualified paleontologist to investigate its significance. If the fossil locality is determined to be significant by the qualified paleontologist, the paleontologist shall work with the District to follow accepted professional standards such as further testing for evaluation or data recovery, as necessary. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction. Paleontological resources or fossils are remains of ancient plants and animals that can provide scientifically significant information about the history of life on earth. This sensitivity is determined by rock type, history of the geologic unit in producing significant fossils, and fossil localities that are recorded from that unit. Though paleontological resources are not expected to be discovered during project construction, it is possible that unknown paleontological resources could be discovered during grading activities and utility trenching for a proper base and slope for the proposed project. Implementation of Mitigation Measure GEO-1 would ensure that impacts to unknown paleontological resources are less than significant. is allowed to resume at the location of the find. If the project proponent determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of the project based on the qualities that make the resource important.

4.8 GREENHOUSE GAS EMISSIONS

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS. Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			**X**	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			**X**	

The analysis in this section is based in part on the following study, which is in Appendix A of this Initial Study.

- *Air Quality and Greenhouse Gas Emissions Data*, PlaceWorks, May 2025

Scientists have concluded that human activities are contributing to global climate change by adding large amounts of heat-trapping gases, known as greenhouse gases (GHGs), into the atmosphere. The primary source of these GHGs is fossil fuel use. The Intergovernmental Panel on Climate Change (IPCC) has identified four major GHGs—water vapor, carbon dioxide (CO_2), methane (CH_4), and ozone (O_3)—that are the likely cause of an increase in global average temperatures observed within the 20th and 21st centuries. Other GHG identified by the IPCC that contribute to global warming to a lesser extent include nitrous oxide (N_2O), sulfur hexafluoride (SF_6), hydrofluorocarbons, perfluorocarbons, and chlorofluorocarbons.[2]

Information on the manufacturing of cement, steel, and other "life cycle" emissions that would occur as a result of the project are not applicable and are not included in the analysis.[3] Black carbon emissions are not included in the GHG analysis because the California Air Resources Board (CARB) does not include this pollutant in the state's Senate Bill 32 (SB 32) and Assembly Bill 1279 (AB 1279) inventory and treats this short-lived climate pollutant separately.[4] A background discussion on the GHG regulatory setting can be found in Appendix A to this Initial Study.

[2] Water vapor (H_2O) is the strongest GHG and the most variable in its phases (vapor, cloud droplets, ice crystals). However, water vapor is not considered a pollutant, but part of the feedback loop rather than a primary cause of change.

[3] Life cycle emissions include indirect emissions associated with materials manufacture. However, these indirect emissions involve numerous parties, each of which is responsible for GHG emissions of their particular activity. The California Resources Agency, in adopting the CEQA Guidelines Amendments on GHG emissions found that lifecycle analyses was not warranted for project-specific CEQA analysis in most situations, for a variety of reasons, including lack of control over some sources, and the possibility of double-counting emissions (CNRA 2018). Because the amount of materials consumed during the operation or construction of the proposed project is not known, the origin of the raw materials purchased is not known, and manufacturing information for those raw materials are also not known, calculation of life cycle emissions would be speculative. A life-cycle analysis is not warranted (OPR 2008).

[4] Black carbon emissions have sharply declined due to efforts to reduce on-road and off-road vehicle emissions, especially diesel particulate matter. The state's existing air quality policies will virtually eliminate black carbon emissions from on-road diesel engines within 10 years (CARB 2017).

4. Environmental Analysis

Would the project:

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less Than Significant. Global climate change is not confined to a particular project area and is generally accepted as the consequence of global industrialization over the last 200 years. A typical project, even a very large one, does not generate enough greenhouse gas emissions on its own to influence global climate change significantly; hence, the issue of global climate change is, by definition, a cumulative environmental impact.

BCAQMD has not adopted a threshold of significance for GHG emissions. In determining the significance of impacts from GHG emissions, the CEQA Guidelines Section 15064.4(a) directs that GHG emissions be either (1) quantified or (2) described using a qualitative analysis or performance-based standards. Additionally, as stated in BCAQMD's CEQA Air Quality Handbook, projects that are consistent with an approved GHG Emissions Reduction Plan would have a less than significant impact upon global climate change and, unless modeling indicates otherwise, would not require further analysis.

In lieu of a recommended quantitative threshold, the following analysis utilizes a qualitative approach based on project compliance with the 2022 Scoping Plan. According to the 2022 Scoping Plan, projects would be determined to have less than significant impacts if they are 1) determined consistent with a local qualified GHG reduction strategy (i.e., Climate Action Plan) via CEQA Guidelines Section 15183.5, or 2) designed to be consistent with three primary Best Management Practices (BMP) objectives of the 2022 Scoping Plan: transportation electrification, VMT reduction, and building decarbonization. The BMP approach requires that a project be designed 100 percent electric (no natural gas), provide electric vehicle charging spaces in conformance with the voluntary Tier 2 standards of the CALGreen code, and are consistent with locally adopted VMT thresholds. Table 2, *Project Consistency with Scoping Plan Priority Areas*, discusses the proposed project's consistency with the scoping plan's BMPs.

Table 2 Project Consistency with Scoping Plan Priority Areas

Priority Area	Priority Area Attributes	Project Consistency
Transportation Electrification	Provide EV charging infrastructure that, at a minimum, meets the most ambitious voluntary standards in the California Green Building Standards Code at the time of project approval.	Not Applicable: The proposed project does not include permanent off-street parking that is subject to CALGreen EV charging standards. All roads and parking on the site would be surfaced with decomposed granite and not paved.
VMT Reduction	Meets local jurisdiction adopted SB 743 threshold for VMT.	Consistent: The proposed project would not generate any new trips to the project site. Additionally, as discussed in Section 3.17, *Transportation*, the proposed project is considered a local-serving public facility. It is therefore considered to result in less than significant impacts with respect to VMT.

Table 2 Project Consistency with Scoping Plan Priority Areas

Priority Area	Priority Area Attributes	Project Consistency
Building Decarbonization	Use all electric appliances without any natural gas connections and does not use propane or other fossil fuels for space heating, water heating, or indoor cooking.	Consistent. The proposed project would not require natural gas and no natural gas connections to the proposed project are proposed.

Source: CARB 2022.

As discussed in Table 2, the proposed project would comply with all 2022 Scoping Plan BMPs. Consistency with these performance standards therefore ensures that impacts with respect to GHG emissions from the proposed project are less than significant.

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less than Significant. Applicable plans adopted for the purpose of reducing GHG emissions include CARB's Scoping Plan and the Butte County Association of Governments' (BCAG's) Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS). A consistency analysis with these plans is presented below.

CARB Scoping Plan

CARB's latest Climate Change Scoping Plan (2022) outlines the State's strategies to reduce GHG emissions in accordance with the targets established under AB 32, SB 32, and AB 1279 (CARB 2022). The Scoping Plan is applicable to State agencies and is not directly applicable to cities/counties and individual projects. Though as described above, the proposed project would comply with BMPs that are consistent with three primary objectives of the 2022 Scoping Plan: transportation electrification, VMT reduction, and building decarbonization to reduce impacts from GHG emissions to less than significant.

Statewide strategies to reduce GHG emissions in the 2022 Climate Change Scoping Plan include: implementing SB 100, which expands the RPS to 60 percent by 2030; expanding the Low Carbon Fuel Standards (LCFS) to 18 percent by 2030; implementing the Mobile Source Strategy to deploy zero-electric vehicle buses and trucks; implementing the Sustainable Freight Action Plan; implementing the Short-Lived Climate Pollutant Reduction Strategy, which reduces methane and hydrofluorocarbons to 40 percent below 2013 levels by 2030 and black carbon emissions to 50 percent below 2013 levels by 2030; continuing to implement SB 375; creating a post-2020 Cap-and-Trade Program; and developing an Integrated Natural and Working Lands Action Plan to secure California's land base as a net carbon sink.

Statewide strategies to reduce GHG emissions include the low carbon fuel standards, California Appliance Energy Efficiency regulations, California Renewable Energy Portfolio standard, changes in the CAFE standards, and other early action measures as necessary to ensure the State is on target to achieve the GHG emissions reduction goals of AB 32, SB 32, and AB 1279. In addition, new developments are required to comply with the current Building Energy Efficiency Standards and CALGreen. The proposed project would comply with these GHG emissions reduction measures since they are statewide strategies. The proposed project GHG emissions would be further reduced from compliance with statewide measures that have been adopted

since AB 32, SB 32, and AB 1279 were adopted. However, as concluded in Impact 4.8a, the proposed project would be consistent with all 2022 Scoping Plan BMPs. Therefore, the proposed project would not obstruct implementation of the 2022 Scoping Plan, and impacts would be less than significant.

BCAG's Regional Transportation Plan/Sustainable Communities Strategy

BCAG adopted the 2024 RTP/SCS in December 2024 (BCAG 2024). BCAG's RTP/SCS identifies land use strategies that focus on innovative land use planning and transportation planning, planning for future roads to accommodate land uses at a regional level, and pedestrian-friendly roads and encourage bicycle trips and the use of the mass transportation system. The overarching strategy in the 2024 RTP/SCS is to allow Butte County to maintain, manage, and improve the region's transportation system over the next 20+ years. The 2024 RTP/SCS contains transportation projects to help more efficiently distribute population, housing, and employment growth as well as forecast development that is generally consistent with regional-level general plan data. The projected regional development pattern—when integrated with the proposed regional transportation network identified in the RTP/SCS—would reduce per-capita vehicular-travel-related GHG emissions and achieve the GHG reduction per-capita targets for the BCAG region. The RTP/SCS does not require that local general plans, specific plans, or zoning be consistent with the RTP/SCS, but provides incentives for consistency for governments and developers.

The proposed project would develop a new barn for agricultural education classes at the adjacent Paradise HS campus. The proposed project would not result in an increase in enrollment at the high school, nor would it result in an increase in vehicle trips. Additionally, the proposed project would allow new educational opportunities for the campus but not alter its function as a locally serving high school. The proposed project would therefore be consistent with the 2024 RTP/SCS and would not interfere with BCAG's ability to implement the regional strategies in 2024 RTP/SCS.

4.9 HAZARDS AND HAZARDOUS MATERIALS

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			**X**	
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			**X**	
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			**X**	
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code § 65962.5 and, as a result, would it create a significant hazard to the public or the environment?			**X**	
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?				**X**
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			**X**	
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?			**X**	

The analysis in this section is based in part on the following studies, which are in Appendices D and E of this Initial Study.

- *Camp Fire Incident Report*, Cal OES, July 2019 (Appendix D)
- *Phase I Environmental Site Assessment*, June 2024 (Appendix E)

Would the project:

a) Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?

Less Than Significant Impact.

Construction

Construction of the proposed project would require small amounts of hazardous materials such as vehicle fuels, lubricants, grease and transmission fluids, paints, and coatings. The handling, use, transport, and disposal

of hazardous materials during the construction phase of the proposed project would comply with existing regulations of several agencies—the US Environmental Protection Agency (EPA), California Division of Occupational Safety and Health (Cal/OSHA), United States Occupational Safety and Health Administration, and United States Department of Transportation.

Operation

Operation of the proposed project would transport, use, store, and dispose of small amounts of hazardous materials typical of school facilities such as cleaning and maintenance supplies (e.g., cleaners, gasoline, paint, pesticides). The proposed project would consist of a new livestock farming area and barn. No manufacturing, industrial, or other uses using large amounts of hazardous materials would occur within the project site. Compliance with applicable federal and state laws and regulations governing the use, storage, transport, and disposal of hazardous materials would ensure that all potentially hazardous materials are used and handled in an appropriate manner and would minimize the potential for safety impacts to occur.

Additionally, an individual property report (IPR) was prepared for the project site that describes general debris removal and environmental activities conducted at the property (Appendix D). General program activities at each property included the following: Debris Removal Right-of-Entry Permit (ROE) review and eligibility determination, site assessment, asbestos survey, asbestos abatement (if appropriate), debris removal, soil confirmation sampling, additional soil removal (if appropriate), erosion control (if appropriate), and final State Incident Management Team (IMT) approval. All activities were conducted in accordance with the Debris Removal Operations Plan for the Camp Fire Debris Removal Incident, Version 5.4, dated June 13, 2019. Asbestos was identified and required abatement. A dug well was identified on this property during the site assessment and was destroyed after receiving approval from the property owner. Soil contamination was addressed during the initial debris removal, and no additional soil removal was necessary. Hazardous material surveys were performed, and property conditions and hazards were recorded using electronic or paper field forms, photographs, and creation of a property sketch. Results of the site assessment guided safe removal and handling of burn debris and served as the baseline for all debris removal and environmental activities. All debris was disposed at State- and County-approved recycling facilities or landfills.

A Phase I Environmental Site Assessment (ESA) was performed by Padre Associates and identified the potential for organochlorine pesticides (OCPs) in the soil (Appendix E). OCPs were not analyzed as part of the soil sampling conducted during the debris removal. Based on the findings of the Phase I and the requirements of Department of Toxic Substance Control (DTSC) for school sites, a Phase I Addendum is recommended for additional soil sampling to identify the potential for OCPs on the project site. Therefore, the proposed project would not create substantial hazards to the public or the environment, and impacts would be less than significant.

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less Than Significant Impact. As discussed in Section 4.14(a), construction activities would require small amounts of hazardous materials, including vehicle fuels, lubricants, grease and transmission fluids as well as paints and coatings. The use, transportation, and disposal of hazardous materials would be in accordance with

regulatory standards and manufacturers' specifications. Hazardous materials would be used in small quantities and stored so they do not pose significant safety hazards. Operation of the proposed project would transport, use, store, and dispose of small amounts of hazardous materials typical of school facilities such as cleaning and maintenance supplies (e.g., cleaners, gasoline, paint, pesticides). Operation of the proposed project would use cleaners and other chemicals in relatively small quantities, which is not typically considered hazardous materials that could result in a significant hazard to the public or the environment. Compliance with applicable federal and state laws and regulations governing the use, storage, transport, and disposal of hazardous materials would ensure impacts would be less than significant.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less Than Significant Impact. Paradise High School is located approximately 500 feet west of the project site, and Ridgewood High School is located 0.3 mile north of the project site. As discussed above under Responses 4.14(a) and 4.14(b), the use of hazardous materials and substances during the operation of the proposed project is generally minimal and in small quantities. All hazardous materials and substances at the proposed project site would be subject to federal, state, and local health and safety requirements—e.g., Resource Conservation and Recovery Act; California Hazardous Waste Control Law; and principles prescribed by the California Department of Health Services, Centers for Disease Control and Prevention, and National Institutes of Health—and the proposed project would be under the regulatory oversight of agencies such as the Butte County Public Health Department, Department of Toxic Substance Control (DTSC), and the Regional Water Quality Control Board. The proposed project would result in a less than significant impact with regard to the emission or handling of hazardous or acutely hazardous materials, substances, or wastes within 0.25 mile of an existing or proposed school.

d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less Than Significant Impact. California Government Code Section 65962.5 requires referencing a list of hazardous materials sites, hazardous waste discharges for which the State Water Control Board has issued certain types of orders, public drinking water wells collecting detectable levels of organic contaminants, underground storage tanks with reported unauthorized releases, and solid waste disposal facilities from which hazardous waste has migrated.

Seven environmental lists were searched for hazardous materials on the project site:

- **GeoTracker.** State Water Resources Control Board (SWRCB 2024)
- **EnviroStor.** Department of Toxic Substances Control (DTSC 2024a)
- **EJ Screen.** United States Environmental Protection Agency (USEPA 2024a)
- **EnviroMapper.** United States Environmental Protection Agency (USEPA 2024b)

- **Solid Waste Information System (SWIS).** California Department of Resources Recovery and Recycling (CalRecycle 2024a)
- **Cortese List.** Department of Toxic Substances Control (DTSC 2024b)
- **CalEPA.** California EPA (CalEPA 2024)

Results of the records search did not identify the project site under these regulatory databases. No hazardous materials sites were listed on the project site or within 0.25 mile of the project site, with the exception of Paradise High School listed as a generator. However, no violations are listed for the facility on the EPA Enforcement and Compliance History database. This site is not expected to have impacted the project site. Therefore, no impact to the public or to the environment would occur as a result of the project.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles or a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. The project site is not within an airport land use plan and there are no public airports or private airstrips within two miles of the site. The nearest airport to the project site is the Paradise Airport, approximately 3.5 miles to the south. Therefore, no impact would occur.

f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less Than Significant Impact. The Standardized Emergency Management System (SEMS), California Code of Regulations, Title 19, Division 2, Section 2443, requires compliance with the SEMS to "be documented in the areas of planning, training, exercise, and performance." The Town of Paradise Emergency Operations Plan (EOP) was approved by Town Council November 2011. The purpose of the EOP is to provide the basis for a coordinated response before, during and after a disaster incident affecting the Town of Paradise. Under the EOP, during a local level emergency or disaster, the Town Manager serves as the Emergency Services Coordinator and is responsible for organizing and directing the preparedness efforts of the town's emergency operations with the Assistant Town Manager and Paradise's mutual aid partners (Paradise 2011). The proposed project would not interfere with the implementation of the EOP and any of the daily operations of the Town's Emergency Operation Center, Paradise Fire Department (PFD), or Paradise Police Department. Additionally, the proposed project would be reviewed by DSA for compliance for all construction activities. Therefore, the proposed project would not impair implementation of or physically interfere with the Town of Paradise or Butte County emergency response or evacuation plans. Project-related impacts would be less than significant.

g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

Less Than Significant Impact. A wildland fire hazard area is typically characterized by areas with limited access, rugged terrain, limited water supply, and combustible vegetation. As substantiated in Section 4.20, Wildfire, the project site is located in a very high fire hazard severity zone within the local responsibility area

(CAL FIRE 2008). Development of the project would comply with all Town of Paradise requirements, including fire flows, on-site hydrants, and backflow assemblies. Project design and construction would comply with requirements for building materials and construction methods for new buildings in a fire hazard severity zone set forth in CBC Chapter 7A (California Code of Regulations Title 24 Part 2). Chapter 7A contains requirements for roofing; attic ventilation; exterior walls; exterior windows and glazing; exterior doors; decking; protection of underfloor, appendages, and floor projections; and ancillary structures. The proposed project would also comply with California Fire Code (CFC) (California Code of Regulations Title 24 Part 9) Chapter 49, which sets forth requirements generally parallel to those in CBC Chapter 7A. Compliance with the above codes and regulations would ensure that the proposed project would not result in a fire hazard or exacerbate the fire risk in the project area. Adherence to existing local, state, and federal laws would ensure that this impact remains less than significant.

4. Environmental Analysis

4.10 HYDROLOGY AND WATER QUALITY

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?			X	
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			X	
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:			X	
i) result in a substantial erosion or siltation on- or off-site;			X	
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;			X	
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or			X	
iv) impede or redirect flood flows?			X	
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X	
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?				X

Would the project:

a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Less Than Significant Impact. A significant impact would occur if the project discharges water that does not meet the quality standards of agencies that regulate surface water quality and discharges into the stormwater drainage system. During construction, water quality impacts could occur from discharge of soil through erosion, sediments, and other pollutants. The State Water Resources Control Board's (SWRCB) NPDES program regulates industrial pollutant discharges, including construction activities for sites larger than one acre. The project site would include approximately 1 acre of ground disturbance.

New construction projects can result in two types of water quality impacts: (1) short-term impacts from discharge of soil through erosion, sediments, and other pollutants during construction and (2) long-term impacts from impervious surfaces (buildings, roads, parking lots, and walkways) that prevent water from being absorbed into the ground, thereby increasing the pollutants in stormwater runoff. Impervious surfaces can

increase the concentration of pollutants in stormwater runoff, such as oil, fertilizers, pesticides, trash, soil, and animal waste. Runoff from short-term construction and long-term operation can flow directly into lakes, local streams, channels, and storm drains and eventually be released untreated into the ocean.

Construction Phase

The project would be constructed on a vacant parcel that was previously developed with a single-family residence. The project site is surrounded by other single-family residences and adjacent paved streets that currently generate nonpoint-source pollutants that are carried by storm and irrigation water into storm drains. Clearing, grading, excavation, and construction activities associated with the proposed project may impact water quality through soil erosion and increasing the amount of silt and debris carried in runoff. Additionally, the use of construction materials such as fuels, solvents, and paints may present a risk to surface water quality. Finally, the refueling and parking of construction vehicles and other equipment on-site during construction may result in oil, grease, or related pollutant leaks and spills that may discharge into the storm drain system.

To minimize these potential impacts, the proposed project would be required to comply with the NPDES Construction General Permit (CGP) as well as prepare a SWPPP that requires the incorporation of BMPs to control sedimentation, erosion, and hazardous materials contamination of runoff during construction. The CGP requires that prior to the start of construction activities, the District must file permit registration documents (PRD) with the SWRCB, which includes a Notice of Intent, risk assessment, site map, annual fee, signed certification statement, SWPPP, and post-construction water balance calculations. The construction contractor is required to maintain a copy of the SWPPP on-site at all times and implement all construction BMPs identified in the SWPPP during construction activities. Prior to the commencement of grading activities, the District is required to provide proof of filing of the PRDs with the SWRCB, which includes preparation of SWPPP.

The SWPPP must describe construction BMPs that address pollutant source reduction and provide measures/controls to mitigate potential pollutant sources which include, but are not limited to: erosion controls, sediment controls, tracking controls, non-storm water management, materials and waste management, and good housekeeping practices. Construction BMPs examples include soil binders, straw mulch, velocity dissipation devices, slope drains, sediment basin, sediment trap, sandbag barrier, straw bale barrier, storm drain inlet protection, and chemical dust suppressants. Submittal of the PRDs and implementation of the SWPPP and its associated BMPs throughout the construction phase would result in a less than significant impact.

Operation Phase

Once the proposed project has been constructed, urban runoff could include a variety of contaminants that are typical of the operation of school athletic facilities. As discussed in Impact 4.9(a), the proposed project would be required to comply with applicable federal and state laws and regulations governing the use, storage, transport, and disposal of hazardous materials would ensure impacts would be less than significant.

Furthermore, the proposed project would implement operational BMPs to control the amount and quality of the stormwater leaving the project site. Therefore, the proposed project would not violate any water quality

standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality. Therefore, impacts would be less than significant.

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less Than Significant Impact. The Paradise Irrigation District (PID) supplies water to the town, including the project site. The town's primary source of water is the Magalia Reservoir (SDWIS 2025). The project site does not contain any wells or direct groundwater connections, and the proposed project would not increase student enrollment. The proposed barn would result in an increase in water use to provide for farm animals.

The proposed project would not increase student enrollment, but the use of the project site for student activities would result in an increase in water consumption because these activities currently do not occur. However, the increases in water consumption from the proposed project would be nominal and would not result in a need to increase pumping of groundwater resources. Therefore, impacts would be less than significant.

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i) Result in a substantial erosion or siltation on- or off-site?

Less Than Significant Impact. Erosion is a normal and inevitable geologic process whereby earthen materials are loosened, worn away, decomposed or dissolved, and moved from one place to another. Precipitation, running water, waves, and wind are all agents of erosion. Ordinarily, erosion proceeds imperceptibly, but when the natural equilibrium of the environment is changed, the rate of erosion can greatly accelerate. This can create aesthetic as well as engineering problems on undeveloped sites. Accelerated erosion in an urban area can cause damage by undermining structures; blocking storm drains; and depositing silt, sand, or mud on roads and in tunnels. Eroded materials can eventually be deposited in local waters, where the carried silt remains suspended in the water for some time, constituting a pollutant and altering the normal balance of plant and animal life.

There are no streams or rivers on the project site. The proposed project would not involve the alteration of any natural drainage channels or any watercourse. Additionally, the project site is flat, and the potential for erosion would be less than significant, as discussed in Section 4.7(b).

The proposed project's earthwork activities may include grading. If not controlled, the transport of these materials to local waterways would temporarily increase suspended sediment concentrations and release pollutants attached to sediment particles into local waterways. The proposed project would be required to submit PRDs and a SWPPP to the SWRCB for approval prior to the commencement of construction activities. The SWPPP would describe BMPs to reduce erosion and siltation. Therefore, impacts would be less than significant.

ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite?

Less Than Significant Impact. The project site is currently vacant but was previously developed with a single-family residence. The proposed project would not involve the alteration of any natural drainage or watercourse. The proposed project would result in a minor increase of impervious surfaces on the project site. Therefore, the amount of stormwater runoff would be similar to existing conditions. The proposed project would not substantially increase the rate or amount of surface runoff in a manner that would cause flooding on- or off-site. Therefore, impacts related to stormwater drainage and flooding would be less than significant.

iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Less Than Significant Impact. The proposed project would not substantially increase the amount of impervious surfaces. Therefore, the proposed project would generate stormwater similar to existing conditions. Stormwater that does not percolate into the ground would be directed to the existing storm drain in the public right-of-way on Elliott Road. As discussed in Impact 4.10(a), construction and operation of the proposed project would be required to implement BMPs that would control the amount and quality of stormwater exiting the project site. The proposed project would not exceed the capacity of existing stormwater drainage systems and would not create substantial additional sources of polluted runoff. Impacts would be less than significant.

iv) Impede or redirect flood flows?

Less Than Significant Impact. According to the Federal Emergency Management Agency (FEMA) flood zone map, the project site is not within a flood zone and is located within a developed area of the Town of Paradise (FEMA 2025). Therefore, the project would not result in impeding or redirecting flood flows, and impacts would be less than significant.

d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Less Than Significant Impact. A seiche is a surface wave created when a body of water is shaken, usually by earthquake activity. Seiches are of concern relative to water storage facilities because inundation from a seiche can occur if the wave overflows a containment wall, such as the wall of a reservoir, water storage tank, dam or other artificial body of water. There are no large water tanks in the area, but the Magalia Reservoir is approximately 4.35 miles northeast of the project site (NID 2025). According to the Paradise General Plan, there are 24 dams in Butte County, and 2 are located above the town. However, as there are no known geologic hazards in the vicinity and the dams are inspected annually, the General Plan concludes that dam inundation hazard is low.

The project site is not within a flood zone (FEMA 2025). Therefore, flood hazards are low. Additionally, the project site is approximately 120 miles from the Pacific Ocean and is not within a tsunami zone. Impacts would be less than significant since the proposed project site is outside of flood hazard, tsunamis, or seiche zones.

4. Environmental Analysis

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

No Impact. As previously discussed in Section 4.10(b), the proposed project would not affect groundwater and therefore would not obstruct implementation of a sustainable groundwater management plan. The proposed project would comply with existing local, regional, and state regulations and would not obstruct the implementation of a water quality control plan. Therefore, no impact would occur.

4.11 LAND USE AND PLANNING

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?				X
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?				X

Would the project:

a) Physically divide an established community?

No Impact. The proposed project would not divide an established residential community because it would occur entirely on vacant land that was previously developed. The proposed project's improvements would be limited to the project site. The proposed project would not create any new land use barriers or divide or disrupt the physical arrangement of any surrounding communities. Therefore, no impact would occur.

b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

No Impact. Implementation of the proposed project would generally not conflict with an applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect. The project site is within the Town of Paradise and the prevailing adopted planning and regulatory documents that govern development and use of the project site are the Town of Paradise General Plan and Zoning Code (Title 17 of the Paradise Municipal Code). The project site has a general plan land use designation of Town Residential (TR) and is zoned Town Residential-1/2 (TR-1/2), both of which are intended for land areas that are planned or are existing single-family residential areas characterized by small-sized parcels. Animal production/livestock is permitted in a TR-1/2 zone upon town approval and issuance of an administrative permit. However, the District is exempt from local zoning and does not require an administrative permit. Therefore, no impact would occur.

4. Environmental Analysis

4.12 MINERAL RESOURCES

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES. Would the project:				
a) Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?			X	
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

Would the project:

a) Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?

Less Than Significant Impact. In 1975, the State legislature adopted the Surface Mining and Reclamation Act (SMARA). SMARA designated Mineral Resources Zones (MRZ) that were of statewide or regional importance. Mapping of MRZs has not been completed in and around the town of Paradise. However, the Town of Paradise 1994 General Plan states that "the Paradise region is not presently characterized as a heavily mineralized zone. There are no current mining operations in Paradise and the past gold mining period has ended, leaving numerous abandoned gold mines, including the Bader Mine, on the periphery of northeast Paradise" (Paradise 1994). The project site is located in central Paradise, and there are no indications that the project site contains significant mineral deposits or has a likelihood of containing significant mineral deposits (DOC 2013). Implementation of the proposed project would not result in the loss of availability of a known mineral resource. Therefore, less than significant impacts would occur.

b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. The Paradise General Plan and the California Geologic Survey do not identify any active mines or quarries located in the town. As such, the proposed project would not impact any mine or quarry operations within the town or result in the loss of availability of a locally important mineral resource. Additionally, the project site has been previously developed with a single-family residence. Therefore, there would be no impact related to the potential loss of availability of a locally important mineral resource.

4.13 NOISE

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. NOISE. Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b) Generation of excessive groundborne vibration or groundborne noise levels?			X	
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X

The analysis in this section is based in part on the following study, which is in Appendix F of this Initial Study.

- *Noise and Vibration Data*, PlaceWorks, May 2025

Noise is defined as unwanted sound and is known to have several adverse effects on people, including hearing loss, speech and sleep interference, physiological responses, and annoyance. Based on these known adverse effects of noise, the federal, state, and local governments have established criteria to protect public health and safety and to prevent the disruption of certain human activities, such as classroom instruction, communication, or sleep. The analysis in this section is based on the noise modeling prepared by PlaceWorks in April 2025, which is summarized herein and included as Appendix F.

Environmental Setting

Noise is known to have several adverse effects on people, including hearing loss, speech and sleep interference, physiological responses, and annoyance. Based on these known adverse effects of noise, the federal government, State of California, and the Town of Paradise have established criteria to protect public health and safety and to prevent disruption of certain human activities. Additional information on noise and vibration fundamentals and applicable regulations are contained in Appendix F.

Sensitive Receptors

Certain land uses are particularly sensitive to noise and vibration. These uses may include residences, schools, libraries, churches, hospitals, nursing homes, and other health care facilities. Day care centers, parks, and other outdoor recreation areas may also be considered sensitive receptors. Moderately sensitive land uses could include cemeteries, golf courses, hotels and motels, and dormitories. The nearest sensitive receptors to the project site are residential uses to the north, west, and east of the project site; parcels to the north and south are currently vacant.

4. Environmental Analysis

Existing Conditions

The project site is in a predominantly mixed-use neighborhood consisting of commercial, school, and residential uses. The existing noise environment is characterized primarily by traffic noise on Elliot Road. Noise from residential and school uses, kids playing, dogs barking, birds, and wind noise also contribute to the existing ambient noise environment.

APPLICABLE STANDARDS

Town of Paradise

The Town of Paradise's regulations with respect to noise are in Chapter 9.18, Noise Control, of the Code of Ordinances. To control unnecessary, excessive, and annoying noise in the town, it is the public policy of the town to regulate such noise generated from or by all sources as specified in the Noise Control chapter. The town council finds and determines that certain types of noises are detrimental to the public health, welfare and safety, and are contrary to public interest. Therefore, the town council ordains that creating, maintaining, causing or allowing to be created, caused or maintained, any noise in a manner prohibited by or not in conformity with the provisions of this chapter, is unlawful and a public nuisance.

Section 9.18.140, Loading and Unloading

It is unlawful and in violation of this chapter for any person to load, unload, open, close or otherwise handle boxes, crates, containers, building materials, garbage cans or similar objects between the hours of ten p.m. and six a.m. in such a manner that creates noise clearly audible across a residential zoned or a commercial zoned real property boundary.

Section 9.18.160, Construction or Demolition—Generally

It is unlawful and in violation of this chapter for any person to operate or cause the operation of any tools equipment used in construction, drilling, repair, alteration, or demolition work between the hours seven p.m. and six a.m. on weekdays or at any time on Sundays or holidays, in such a manner that creates noise clearly audible across a residential zoned or a commercial zoned real property boundary, except for emergency work being performed by a public agency or a public utility.

The Town of Paradise does not have a quantified threshold for temporary construction noise. Therefore, to determine impact significance, the Federal Transit Administration (FTA) criteria are used in this analysis. A construction noise impact would occur if project construction generates noise levels greater than 80 dBA Leq at noise sensitive residential uses.

Would the project:

a) Generate of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less Than Significant Impact. The project would construct a new livestock farming area and a 1,728-square-foot barn for the agricultural education program provided by the high school. No nighttime work or the use of pile-driving equipment is proposed

Noise generated by on-site construction equipment is based on the type of equipment used, its location relative to sensitive receptors, and the timing and duration of noise-generating activities. Each phase of construction involves different types of equipment and has distinct noise characteristics. Noise levels from construction activities are typically dominated by the loudest three pieces of equipment. The dominant equipment noise source is typically the engine, although work-piece noise (such as dropping of materials) can also be noticeable.

The noise produced at each construction phase is determined by combining the Leq contributions from the three loudest pieces of equipment used at a given time, while accounting for the ongoing time-variations of noise emissions (commonly referred to as the usage factor). Heavy equipment, such as a dozer or a loader, can have maximum, short-duration noise levels of up to 85 dBA at 50 feet. However, overall noise emissions vary considerably, depending on what specific activity is being performed at any given moment.

Noise attenuation due to distance, the number and type of equipment, and the load and power requirements to accomplish tasks at each construction phase would result in different noise levels from construction activities at a given receptor. Since noise from construction equipment is intermittent and diminishes at a rate of at least 6 dBA per doubling of distance (conservatively disregarding other attenuation effects from air absorption, ground effects, and shielding effects provided by intervening structures or existing solid walls), the average noise levels at noise-sensitive receptors could vary considerably because mobile construction equipment would move around the site (site of each development phase) with different equipment mixes, loads, and power requirements.

The expected construction equipment mix was estimated and categorized by construction activity using the Federal Highway Administration Roadway Construction Noise Model (RCNM). Average noise levels from project-related construction activities are calculated by modeling the three loudest pieces of equipment per activity phase. Equipment for grading and site preparation is modeled at spatially averaged distances (i.e., from the acoustical center of the general construction site to the property line of the nearest receptors) because the area around the center of construction activities best represents the potential average construction-related noise levels at the various sensitive receptors for mobile equipment. Similarly, construction noise from demolition is modeled from the center of the project site. Building construction and architectural coating are measured from the edge of the proposed buildings to the nearest sensitive receptors. Additionally, paving is measured from the edge of the nearest paving areas to the nearest sensitive receptors. Results are summarized in Table 3, *Project Related Construction Noise Levels dBA*. Construction noise levels were modeled between 63 dBA and 74 dBA Leq at the nearest noise sensitive uses to the north, south, east, and west of the project site. Construction noise levels would not exceed the FTA threshold of 80 dBA Leq at noise sensitive uses near the project site.

4. Environmental Analysis

Furthermore, the project would comply with the Town's Noise Ordinance Section 9.18.160 construction noise regulation limits. Therefore, construction noise impacts would be less than significant.

Table 3 Project-Related Construction Noise Levels, dBA

	Noise Levels in dBA L_{eq}				
Construction Activity Phase	RCNM Reference Noise Level	Receptor to North	Receptor to East	Receptor to South	Receptor to West
Distance in feet	*50*	*280*	*145*	*295*	*185*
Site Preparation	83	68	74	68	72
Distance in feet	*50*	*250*	*120*	*260*	*165*
Building Construction	79	65	71	65	69
Architectural Coating	79	65	71	65	69
Distance in feet	*50*	*250*	*145*	*240*	*145*
Paving	80	66	71	66	71
Distance in feet	*50*	*225*	*120*	*260*	*145*
Finish/Landscaping	77	64	69	63	68
Exceeds 80 dBA L_{eq} FTA?		No	No	No	No

Source: FHWA's RCNM software. Distance measurements were taken using Google Earth (2025) from the acoustical center of the project site.
Notes: dBA L_{eq} = Energy-Average (L_{eq}) Sound Levels
See Appendix F.

Operational Noise

A project will normally have a significant effect on the environment related to traffic noise if it substantially increases the ambient noise levels for adjoining areas. Most people can detect changes in sound levels of approximately 3 dBA under normal, quiet conditions, and changes of 1 to 3 dBA under quiet, controlled conditions. Changes of less than 1 dBA are usually indiscernible. A change of 5 dBA is readily discernible to most people in an outdoor environment. Noise levels above 65 dBA CNEL are normally unacceptable at sensitive receptor locations such as residences, and noise environments in these areas would be considered degraded. Based on this, a significant impact would occur if the following traffic noise increases occur relative to the existing noise environment:

- 1.5 dBA in ambient noise environments of 66 dBA CNEL and higher
- 3 dBA in ambient noise environments of 60 to 65 dBA CNEL
- 5 dBA in ambient noise environments of less than 60 dBA CNEL

With implementation of the proposed project would not cause an increase in traffic trips along project area roadways. In addition, the project would not include new stationary mechanical equipment noise. Therefore, operational noise impacts would have no impact.

b) Generate of excessive groundborne vibration or groundborne noise levels?

Less Than Significant Impact. Potential vibration impacts associated with development projects are usually related to the use of heavy construction equipment during the demolition, site preparation, or paving phases of construction. Construction can generate varying degrees of ground vibration depending on the construction procedures and equipment. Construction equipment generates vibration that spreads through the ground and diminishes with distance from the source. The effect on buildings in the vicinity of the construction site varies depending on soil type, ground strata, and receptor-building construction. The effects from vibration can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibrations at moderate levels, to slight structural damage at the highest levels. Vibration from construction activities rarely reaches the levels that can damage structures.

For reference, a peak particle velocity of 0.20 in/sec PPV is used as the limit for nonengineered timber and masonry buildings (which would apply to the off-site surrounding residential structures) (FTA 2018). Appendix F shows typical construction equipment vibration levels and reference vibration levels at a distance of 25 feet. The nearest structure to the site's construction activities is approximately 70 feet to the west from the proposed construction. At this distance, construction vibration from a vibratory roller would attenuate to 0.045 in/sec PPV or less.

The Town of Paradise does not have an established threshold for assessing construction vibration impacts. The FTA maximum acceptable vibration standard of 0.2 in/sec PPV for nonengineered timber and masonry buildings is applied for assessing vibration impacts from project construction-related activities. Proposed construction activities would not exceed the FTA vibration standard of 0.2 in/sec PPV at the building façade. Therefore, impacts from construction vibration would be less than significant.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. The project site is approximately 12.75 miles southeast of the Chico Regional Airport. Therefore, the proposed project would not expose people residing or working in the project area to excessive noise levels, and no impact would occur.

4. Environmental Analysis

4.14 POPULATION AND HOUSING

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. POPULATION AND HOUSING. Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X

Would the project:

a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

No Impact. The proposed project would be constructed within a currently vacant parcel that previously contained one single-family residence that burned down in 2018. The project site is owned by the District The proposed project would serve the existing needs of the campus's students and staff and would not increase student enrollment or student capacity. Additionally, the proposed project would continue to utilize the existing infrastructure; no expanded utility lines or housing are proposed. Thus, project development would not induce substantial population growth in the area, either directly or indirectly. Therefore, no impact would occur.

b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. The proposed project would be constructed within a previously developed parcel that is currently owned by Paradise HS. No housing currently exists on the project site, and there would be no relocation or construction of replacement housing. Therefore, no impact would occur.

4.15 PUBLIC SERVICES

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES. Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
Fire protection?				X
Police protection?				X
Schools?				X
Parks?				X
Other public facilities?				X

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

a) Fire protection?

No Impact. Fire prevention, fire protection, and emergency medical services in the project area are provided by Paradise Fire & Rescue Department with cooperative agreement with CAL FIRE. The nearest fire station to the project site is Station 81 at 767 Birch Street, approximately one mile southwest of the project site. The proposed project would serve the existing students attending Paradise High School and would not increase student population. Considering the existing firefighting resources available in and near the town, project impacts on fire protection and emergency services (including response times) are not expected. Additionally, in the event of an emergency at the project site that required more resources than Fire Station 81 could provide, Paradise Fire & Rescue Department would direct resources to the site from other Town stations nearby and, if needed, would request assistance from other nearby fire departments. Therefore, impacts would be less than significant.

b) Police protection?

No Impact. Law enforcement services in the area are provided by the Paradise Police Department (PPD). PPD is headquartered at 5595 Black Olive Drive, approximately one mile southwest of the project site. The proposed project may cause a very slight increase in demands for police services during construction due to possible trespass, theft, and/or vandalism. Active construction areas would be fenced, and any increase in demand for police would be temporary and would not require construction of new or expanded police facilities.

4. Environmental Analysis

The proposed project would not increase student population in the District and would not result in new adverse impacts on existing police service. Additionally, in the event of an emergency at the project site that required more resources than PPD could provide, PPD would request assistance from other nearby police departments. Therefore, impacts would be less than significant.

c) Schools?

No Impact. School services are related to the size of the residential population, the geographic area served, and community characteristics. The proposed project would not increase the population in the attendance boundary or otherwise increase demand for school services. The proposed project would not result in changes in land uses (e.g., housing) that would result in population growth or create a greater demand for school services. Therefore, no impact would occur.

d) Parks?

No Impact. Impacts to public parks and recreational facilities are generally caused by population or employment growth. The proposed project would not increase population or significantly increase employment. The proposed project would not result in the increased demand for additional parks and recreation services either on-site or in the surrounding area. Therefore, physical impacts to parks and recreation from increased population growth would not occur. No impacts to parks would occur.

e) Other public facilities?

No Impact. The proposed project would not result in impacts associated with the provision of other new or physically altered public facilities (e.g., libraries, hospitals, childcare, teen or senior centers). Physical impacts to public services are usually associated with population in-migration and growth, which increase the demand for public services and facilities. The proposed project is designed to serve the existing and future student population at Paradise High School. No new population would be generated by the proposed uses; therefore, no increased demand on other public facilities is anticipated. No impacts to other public facilities would occur.

4.16 RECREATION

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. RECREATION.				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?			X	
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X	

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities, such that substantial physical deterioration of the facility would occur or be accelerated?

Less Than Significant Impact. The Paradise Recreation and Park District (PRPD) is responsible for recreational operations, programs and services within the Town of Paradise. The town operates and maintains a total of 73 acres of developed park land. Park facilities include swimming pools, fishing pond, play fields, horse arena, archery range, ropes course, walking trails, picnic areas, tennis courts, playgrounds, open use areas, and a recreation center. PRPD offers a wide range of recreation programming, including after school programming, summer camp, preschool activities, youth and adult sports, senior services, aquatics, teen programs, and numerous special events (PRPD 2025).

The proposed project would include the construction of a barn on a previously developed parcel near Paradise HS, and it would not induce population growth nor increase student enrollment or capacity on campus. Therefore, the proposed project would not generate an increased demand for existing neighborhood, regional facilities or other recreational facilities and would not result in substantial physical deterioration of such facilities nor cause deterioration to accelerate. Therefore, impacts would be less than significant.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

Less Than Significant Impact. The proposed project would include the construction of a barn to be used by Paradise HS's existing student population to raise animals. The proposed project would continue to serve the operations and uses at the Paradise HS campus. The proposed project would serve Paradise HS's existing student population and would not change the school's enrollment. Thus, the proposed project would not include the expansion of existing recreational facilities and would not increase student enrollment or local population. Impacts would be less than significant.

4.17 TRANSPORTATION

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. TRANSPORTATION. Would the project:				
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?			X	
b) Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?			X	
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
d) Result in inadequate emergency access?			X	

Would the project:

a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less Than Significant Impact. Major roadways in Paradise include Skyway, Elliot Road, and Maxwell Drive. Skyway is classified as a "Major Roadway" in the Butte County General Plan 2030. Through Paradise, Skyway generally has five lanes (two lanes in each direction and a two-way left-turn lane), with some sections that have fewer lanes. The posted speed limit on Skyway is 45 mph. Primary access to the project site would be via Elliott Road, which connects to Skyway. . The posted speed limit on Elliott Road ranges from 25 to 30 mph. Access to Paradise High School is via Maxwell Drive, which connects Elliott Road to Skyway. The speed limit on Maxwell Drive is 25 mph.

During construction, the project may have the potential to increase safety hazards due to construction vehicles entering and exiting the project site (e.g., for delivery of building materials). Signage and/or workers conducting traffic would be present to direct pedestrians.

During operation, students would walk or drive to the proposed project site. Vehicular and pedestrian access to the project site would be provided via one driveway along Elliot Road. The proposed project would not alter the existing public sidewalk. There are currently both northbound and southbound bicycle lanes on Maxwell Drive for its entire length. Elliott Road does not have designated bicycle lanes; however, there are wide shoulders on both sides of the roadway that could accommodate cycling from Skyway to Clark Road. Therefore, the proposed project would not result in a conflict with a program, plan, ordinance, or policy addressing the alternate mode of transportation facilities, and impacts would be less than significant.

b) Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?

Less Than Significant Impact. Vehicle delays and levels of service (LOS) have historically been used as the basis for determining the significance of traffic impacts as standard practice in CEQA documents. In 2013,

SB 743 was signed into law, eliminating auto delay, LOS, and other similar measures of vehicular capacity or traffic congestion as the sole basis for determining significant impacts under CEQA. Pursuant to SB 743, the California Natural Resources Agency adopted revisions to the CEQA Guidelines in 2018; CEQA Guidelines Section 15064.3 describes how transportation impacts are to be analyzed after SB 743. Under the Guidelines, metrics related to "vehicle miles traveled" (VMT) are required to evaluate the significance of transportation impacts under CEQA for development projects, land use plans, and transportation infrastructure projects.

According to the Butte County VMT screening criteria, which can be used to identify when a proposed land use development project is anticipated to result in a less than significant VMT impact, small projects generating fewer than 110 daily vehicle trips are generally considered less than significant. The proposed project is anticipated to generate approximately 44 daily trips, including students and staff visiting the project site. Therefore, the proposed project would have a less than significant VMT impact.

c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

No Impact. The proposed project does not result in any new roadway features or alignments or otherwise alter the geometric design of an existing roadway. Additionally, the proposed project does not include any farm equipment that would result in incompatible uses that would increase hazards. Access to the project site from Elliot Road would not change during project construction or operation. As such, the project would not increase in hazards due to a geometric design feature or incompatible use. Therefore, no impacts would occur.

d) Result in inadequate emergency access?

Less Than Significant Impact. Vehicular access for the project site would be provided at Elliot Road. To address emergency and fire access needs, the improvements would be required to be designed in accordance with all applicable DSA and Paradise Fire & Rescue Department design standards for emergency access (e.g., minimum lane width and turning radius). Implementation of the proposed project would not require major road closures or otherwise impact the functionality of Elliot Road as a public safety access route. Therefore, the proposed project would not result in inadequate emergency access. Impacts would be less than significant.

4. Environmental Analysis

4.18 TRIBAL CULTURAL RESOURCES

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. TRIBAL CULTURAL RESOURCES.				
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code § 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or		**X**		
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code § 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code § 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.		**X**		

The analysis in this section is based in part on the following study, which are in Appendix C of this Initial Study.

- *Cultural Resources Evaluation*, HANA Resources, April 2025

a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or

Less Than Significant Impact With Mitigation Incorporated. As discussed under Threshold 4.5(a), the project site is not listed or eligible for listing in the California Register of Historical Resources, National Register of Historic Places, California State Historical Landmarks, or Points of Historical Interest or in a local register of historical resources (NPS 2025a, 2025b; OHP 2025a, 2025b). The project site does not meet any of the historic resource criteria and does not meet the definition of a historic resource pursuant to CEQA. The project would not impact tribal cultural resources (TCR) listed on any of the registers of historic resources, and the nearest historical resource is the Butte County Railroad Depot approximately 0.3 miles northwest of the project site. Due to the developed nature of the project site and surrounding area, no impacts would occur to a resource listed on the California Register of Historical Resources,

National Register of Historic Places, California State Historical Landmarks or Points of Historical Interest, or in a local register of historical resources.

However, development of the proposed project could encounter previously unknown tribal cultural resources and human remains. Although no known tribal cultural resources have been identified on the project site, the proposed project has the potential to disturb subsurface deposits possessing traditional or cultural significance to Native American or other descendant communities. With the implementation of mitigation measure TCR-1 in Section 4.18(a)(ii) below, and adherence with Section 5097.98 of the California Public Resources Code, as outlined in Section 4.5(c), impacts to tribal cultural resources would be less than significant.

ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Less Than Significant Impact With Mitigation Incorporated. In accordance with PRC Section 21080.1(d), a lead agency is required to provide formal notification of intended development projects to Native American tribes that have requested to be on the lead agency's list for receiving such notification. The formal notification is required to include a brief description of the proposed project and its location, lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation. Pursuant to AB 52, the District mailed and emailed tribal consultation letters on June 3, 2025, inviting three tribes on their AB 52 list to consult on the project—the Berry Creek Rancheria of Maidu Indians of California, the Enterprise Rancheria-Estom Yumeka Maidu Tribe, and the Mechoopda Indian Tribe of Chico Rancheria. However, no tribes requested to consult during the 30-day AB 52 consultation request window, and the District did not receive any responses from the tribes. Further, a Sacred Lands File request was submitted to the NAHC and received a negative result; there are no known sacred sites or tribal cultural resources within or in the vicinity of the project site.

Although unlikely, the potential exists to unearth tribal cultural resources during ground-disturbing activities. In the event tribal cultural resources are discovered, Mitigation Measure TCR-1 provides guidelines for how to protect tribal cultural resources. Therefore, implementation of Mitigation Measure TCR-1 would reduce impacts to less than significant.

Impact TCR-1: Implementation of the proposed project could cause a substantial adverse change in the significance of a tribal cultural resource, pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1.

Mitigation Measure

TCR-1 If tribal cultural resources are inadvertently discovered during ground disturbing activities for this project. The following procedures will be carried out for treatment and disposition of the discoveries:

4. Environmental Analysis

- Upon discovery of any tribal cultural resources, construction activities shall cease in the immediate vicinity of the find (not less than the surrounding 100 feet) until the find can be assessed.
- All tribal cultural resources unearthed by project activities shall be evaluated by the qualified archaeologist and/or applicable tribal monitor. If the resources are Native American in origin, the applicable tribe will retain the resource in the form and/or manner the tribe deems appropriate, for educational, cultural and/or historic purposes.
- Work may continue on other parts of the project site while evaluation and, if necessary, mitigation takes place (CEQA Guidelines Section 15064.5[f]). If a non-Native American resource is determined by the qualified archaeologist to constitute a "historical resource" or "unique archaeological resource," time allotment and funding sufficient to allow for implementation of avoidance measures or appropriate mitigation must be available. The treatment plan established for the resources shall be in accordance with CEQA Guidelines Section 15064.5(f) for historical resources and PRC Sections 21083.2(b) for unique archaeological resources.

Preservation in place (i.e., avoidance) is the preferred manner of treatment. If preservation in place is not feasible, treatment may include implementation of archaeological data recovery excavations to remove the resource along with subsequent laboratory processing and analysis. Any historic archaeological material that is not Native American in origin shall be curated at a public, non-profit institution with a research interest in the materials, if such an institution agrees to accept the material. If no institution accepts the archaeological material, it shall be offered to a local school or historical society in the area for educational purposes.

4.19 UTILITIES AND SERVICE SYSTEMS

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?			X	
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?			X	
c) Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			X	
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?			X	

Would the project:

a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact.

Water Treatment Facilities

The Paradise Irrigation District (PID) would provide potable water to the project site. PID obtains its water supplies from Little Butte Creek and a PID-owned groundwater well (PID 2016). The proposed project involves the construction of a new livestock farming area and a barn that would serve current and future students at Paradise High School. It would not generate an increase in student population or water treatment demands in the PID service area. Students would be already be attending schools in the local area and using water that requires treatment; therefore, the overall demand for water treatment would not increase. Additionally, PID estimates that it will have sufficient water supplies to meet proposed growth for normal, single-dry, and multiple-dry years (PID 2016). The proposed project would not require the relocation or construction of new or expanded water treatment facilities. Therefore, impacts would be less than significant.

4. Environmental Analysis

Wastewater Treatment Facilities

The Town of Paradise does not have a central sewer system and relies on individual septic systems for wastewater disposal. The proposed project would not increase overall District enrollment, and thus would not expand total treatment demands within the Town. The proposed project would be served by an existing septic system and would not require the relocation or construction of new or expanded wastewater treatment facilities. Therefore, impacts would be less than significant.

Storm Drainage Facilities

The proposed project is required to comply with Paradise Municipal Code Section 8.56.060, which requires development to comply with a MS4 Permit from the Central Valley Regional Water Quality Control Board. Drainage from the project site would flow via surface flow into the existing storm drains on Elliot Drive. Construction and operation of the proposed project would be required to implement BMPs that would control the amount and quality of stormwater exiting the project site. The proposed project would not exceed the capacity of existing stormwater drainage systems and would not create substantial additional sources of polluted runoff. The proposed project would not exceed the capacity of existing stormwater drainage systems and would not create substantial additional sources of polluted runoff. Impacts would be less than significant.

Electricity Facilities

Electrical needs to the project site would be provided by the Pacific Gas and Electric Company (PG&E) via existing infrastructure in the immediate area of the project site. All utility connections to the proposed project would be required to comply with applicable federal, state, and local regulations related to electric power supply. Therefore, relocation and expansion of existing facilities and construction of new facilities would not be required. Impacts would be less than significant.

Natural Gas

Natural gas needs in the project area are provided by PG&E, which provides natural gas services to the Town of Paradise. The proposed project does not propose any equipment that would require the use of natural gas. Therefore, the proposed project would not require PG&E to obtain new or expanded natural gas supplies. Impacts would be less than significant.

Telecommunication Facilities

Various private services, including Charter Spectrum, AT&T, DIRECTV, Xfinity, and Suddenlink, provide telecommunication services to the town, including the project site. No changes to telecommunication facilities would occur. Therefore, project development would not require the construction of new or expanded telecommunication facilities. Impacts would be less than significant.

b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less Than Significant Impact. As substantiated above in Section 4.19.a., PID will have adequate water supplies to meet water demands in its service area through 2040 during normal, dry, and multiple dry years

(PID 2016). Additionally, the proposed project's landscaping would be reviewed by DSA for compliance with landscape design standards for water-efficient, fire-resistant landscaping within the town and to maintain the rural, wooded atmosphere of the community. Therefore, impacts on water supplies due to project development would be less than significant.

c) Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. As substantiated above in Section 3.19.a, the proposed project would not increase overall District enrollment and would not expand total treatment demands within the town. Project development would not require construction of new or expanded wastewater treatment facilities. Therefore, impacts would be less than significant.

d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less Than Significant Impact. In 2019, 29 percent of solid waste generated in the town was disposed of at Neal Road Recycling and Waste Facility (CalRecycle 2025a). Neal Road Recycling and Waste Facility is permitted to received 1,500 tons of solid waste per day and has a remaining capacity of 20,847,970 tons (CalRecycle 2025b). The proposed project would not increase overall District enrollment and would result in a negligible increase in solid waste. There is adequate landfill capacity in the region for project-generated solid waste, and project development would not require new or expanded landfills. Therefore, impacts to solid waste would be less than significant.

e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Less Than Significant Impact. The following federal and state laws and regulations govern solid waste disposal:

- AB 939 (Chapter 1095, Statutes of 1989), the California Integrated Waste Management Act of 1989 required each city, county, and regional agency to develop a source reduction and recycling element of an integrated waste management plan that contained specified components, including a source reduction component, a recycling component, and a composting component. With certain exceptions, the source reduction and recycling components were required to divert 50 percent of all solid waste from landfill disposal or transformation by January 1, 2000, through source reduction, recycling, and composting activities.

- AB 32 (Chapter 488, Statutes of 2006), the California Global Warming Solutions Act, established mandatory recycling as one of the measures to reduce GHG emissions adopted in the Scoping Plan by the California Air Resources Board.

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- AB 1327 (California Solid Waste Reuse and Recycling Access Act of 1991) requires local agencies to adopt ordinances mandating the use of recyclable materials in development projects.

Project-related construction and operation phases would be implemented in accordance with all applicable federal, state, and local laws and regulations governing solid waste disposal. Therefore, impacts would be less than significant.

4.20 WILDFIRE

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?			X	
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?			X	
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?			X	
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?			X	

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

Less Than Significant Impact. The project site is in a local responsibility area (LRA) on land classified as a Very High Fire Hazard Severity Zone (FHSZ) (CAL FIRE 2025a). Additionally, the project site burned in the 2018 Camp Fire. The project site is also in the interface zone of the wildland urban interface as mapped by CAL FIRE (CAL FIRE 2019).

The Town of Paradise Emergency Operations Plan (EOP) establishes an Emergency Management Organization and assigns functions and tasks consistent with California's Standardized Emergency Management Systems (SEMS) and the National Incident Management System (NIMS) (Paradise 2022). Town evacuation plans include the Town of Paradise Evacuation Traffic Control Plan (2015) and the Paradise Emergency Fire Zones and Assembly Points (2020). Paradise Police Department is responsible for the overall evacuation and movement of citizens throughout the town when needed as well as the security of impacted areas following an incident. The primary evacuation routes in Paradise are along Skyway, Clark Road, Neal Road, and Pentz Road, as shown in the Paradise Emergency Fire Zones and Assembly Points map (Paradise 2020). Each of these roads runs roughly north-south, and secondary routes run east-west to connect residents to the evacuation routes. Specific evacuation routes will vary depending on a wildfire's location, direction, and rate of spread.

The proposed project would be required to comply with these plans and would not add any additional vehicles to the town's roadway networks. An impact to emergency operations and evacuation could occur from

construction of the proposed project if it were to result in temporary road closures, potentially altering evacuation routes. However, as described in Section 2, *Project Description*, of this Initial Study, short-term and long-term staging of vehicles, equipment, and materials would be on-site and not in the public right-of-way, and therefore road closures would not occur. Additionally, the proposed project would be required to comply with Very High Fire Hazard Severity Zone Fire Safe Regulations, California Building Code Chapter 7A, the California Fire Code, and Paradise Municipal Code, which have requirements for emergency vehicle access and fire-resilient construction methods and materials.

The proposed project would not physically impede the circulation network and roadways surrounding the campus during construction or operation. The proposed project would be designed in accordance with the California Building Code and California Fire Code and reviewed by the DSA. Therefore, the proposed project would not substantially impair an adopted emergency response plan or emergency evacuation plan. Impacts would be less than significant.

b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

Less Than Significant Impact. As discussed in Section 2.2, *Existing Conditions*, the project site and surrounding area are nearly flat, with a slight slope from east to west. The project site was burned in the 2018 Camp Fire. While prevailing winds come from the west or northwest, during the summer and fall months, strong dry easterly winds can cause red flag conditions (Butte County 2023). Additionally, the Butte County Air Quality Management District and Butte County Public Health Department provide air quality alerts, advisories, and resources for an interactive online map to view current air quality conditions in the region. The proposed project would include minimal grading and ground-disturbing activities and therefore would not affect slope or prevailing winds and would not exacerbate wildfire.

The project site is currently vacant, with existing vegetation including trees and shrubs. No trees would be removed during construction of the proposed project. The proposed project includes a gravel driveway that leads directly to the barn that will be constructed on concrete flatwork. Grading and construction would be limited to the area for the driveway and barn; the remaining areas of the project site will remain the same with the existing vegetation.

The proposed project could expose people or structures to wildland fire risk, as the project site is located in a Very High FHSZ and the WUI. However, the Town has policies and programs to reduce fire risk. These include creation of Wildfire Risk Reduction Buffers, establishment and enforcement of fuels management programs and education, and analysis and potential implementation of more stringent fire-resistant building requirements, (Paradise 2022). Additionally, the 2024 Strategic Fire Plan for California, California Wildfire and Forest Resilience Action Plan, Fire Risk Reduction Community designation for Butte County, Butte County LHMP, and Butte County Community Wildfire Protection Plan are intended to reduce wildfire hazards and dictate response to these hazards on a statewide and regional scale. Such policies and programs would reduce the risk of loss, injury, or death due to wildfire rather than exacerbate the existing wildfire risk.

The proposed project would be designed in accordance with the California Building Code and California Fire Code. Project design and site plans would be reviewed and approved by the DSA. Further, the Paradise Fire Department would review site plans to confirm fire personnel accessibility, fire hydrant locations and distribution, and water supply requirements for fire flow. During construction, personnel would handle, store, and operate construction and mechanical equipment and potentially flammable materials in accordance with manufacturers' specifications, standard safety practices, and the California Fire Code. Fire suppression equipment during construction would be maintained on-site. Therefore, the construction and operation of the proposed project would not expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of wildfire due to slope, prevailing winds, and other factors. Impacts would be less than significant.

c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

Less Than Significant Impact. The project site is served by existing utility infrastructure, including water, wastewater, and power. Development of the proposed project would require new utility hook-ups to the existing utilities that serve the project site. The proposed project would be designed and constructed in accordance with the CBC and the CFC. Development of the proposed project would not require the installation of fuel breaks, roads, or any other project features that would exacerbate fire risks in the area. Therefore, the proposed project would not include the installation or maintenance of infrastructure that could exacerbate fire risk or result in temporary or ongoing impacts to the environment. Impacts would be less than significant.

d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

Less Than Significant Impact. According to section 4.7(a)(iv), the project site is relatively flat and is not within an identified landslide susceptibility zone (USGS 2025). Therefore, the project site and surrounding area would have low potential of post-fire slope instability. As discussed in section 4.10(d), the project site is not within a flood zone (FEMA 2025). The proposed project would be designed and constructed in compliance with the California Building Code and the California Fire Code, and grading plans would be reviewed and approved by DSA. Additionally, the proposed project would be required to comply with Paradise Municipal Code Chapter 8.55, Development of Land Areas Prone to Flood Hazards, and Chapter 8.56, Stormwater Quality Management, which have requirements to prevent downslope and downstream flooding or landslides. Compliance with applicable building and fire codes and DSA review would ensure that the proposed project would not expose people or structures to flooding, landslides, or slope instability. As discussed in Section 4.7, *Geology and Soils*, and Section 4.10, *Hydrology and Water Quality*, the proposed project would result in a less than significant impact or no impact related to flooding, landslides, stormwater/drainage, and slope instability. Therefore, the proposed project would not expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes. Impacts would be less than significant.

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4.21 MANDATORY FINDINGS OF SIGNIFICANCE

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE.				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?		X		
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)		X		
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?		X		

a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less Than Significant Impact With Mitigation Incorporated. As discussed in this initial study, the proposed project would not degrade the quality of the environment with implementation of identified standard mitigation measures. As discussed in Section 3.4, *Biological Resources*, mitigation measure BIO-1 provides strategies for protecting birds and would reduce impacts to a less than significant level. Additionally, as discussed in Section 3.5, *Cultural Resources*, with implementation of Mitigation Measure CUL-1, the proposed project would result in a less-than-significant impact on archaeological and historic resources.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)

Less Than Significant Impact With Mitigation Incorporated. As discussed previously in this Initial Study, the proposed project would have no impact or a less-than-significant impact to aesthetics, agriculture and forestry resources, energy, GHG emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation, utilities and service systems, and wildfire. As discussed in Sections 3.3, *Air Quality*; 3.4, *Biological Resources*, 3.5,

Cultural Resources; 3.7, *Geology and Soils*; and 3.18, *Tribal Cultural Resources*, the project would not result in significant impacts to those resources with the implementation of identified and mitigation measures. For this reason, the project would not result in significant cumulative impacts to those resources. Therefore, all impacts are individually limited and would not result in any cumulatively significant impact.

c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

Less Than Significant Impact With Mitigation Incorporated. As discussed in the previous analyses, the proposed project would not result in significant direct or indirect adverse impacts or result in substantial adverse effects on human beings. Impacts would be less than significant with the implementation of the proposed mitigation measures.

4. Environmental Analysis

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Appendix A Air Quality and Greenhouse Gas Emissions Data

Appendix

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Air Quality and Greenhouse Gas Background and Modeling Data

AIR QUALITY

Air Quality Regulatory Setting

The proposed project has the potential to release gaseous emissions of criteria pollutants and dust into the ambient air; therefore, it falls under the ambient air quality standards promulgated at the local, state, and federal levels. The project site is in the Sacramento Valley Air Basin (SVAB) and is subject to the rules and regulations imposed by the Butte County Air Quality Management District (BCAQMD). However, BCAQMD reports to California Air Resources board (CARB), and all criteria emissions are also governed by the California and national Ambient Air Quality Standards (AAQS). Federal, state, regional, and local laws, regulations, plans, or guidelines that are potentially applicable to the proposed project are summarized below.

AMBIENT AIR QUALITY STANDARDS

The Clean Air Act (CAA) was passed in 1963 by the US Congress and has been amended several times. The 1970 Clean Air Act amendments strengthened previous legislation and laid the foundation for the regulatory scheme of the 1970s and 1980s. In 1977, Congress again added several provisions, including nonattainment requirements for areas not meeting National AAQS and the Prevention of Significant Deterioration program. The 1990 amendments represent the latest in a series of federal efforts to regulate the protection of air quality in the United States. The CAA allows states to adopt more stringent standards or to include other pollution species. The California Clean Air Act (CCAA), signed into law in 1988, requires all areas of the state to achieve and maintain the California AAQS by the earliest practical date. The California AAQS tend to be more restrictive than the National AAQS, based on even greater health and welfare concerns.

These National AAQS and California AAQS are the levels of air quality considered to provide a margin of safety in the protection of the public health and welfare. They are designed to protect "sensitive receptors" most susceptible to further respiratory distress, such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and persons engaged in strenuous work or exercise. Healthy adults can tolerate occasional exposure to air pollutant concentrations considerably above these minimum standards before adverse effects are observed.

Both California and the federal government have established health-based AAQS for seven air pollutants. As shown in Table 1, *Ambient Air Quality Standards for Criteria Pollutants*, these pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), coarse inhalable particulate matter (PM_{10}), fine inhalable particulate matter ($PM_{2.5}$), and lead (Pb). In addition, the state has set standards for

sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety.

Table 1 Ambient Air Quality Standards for Criteria Pollutants

Pollutant	Averaging Time	California Standard[1]	Federal Primary Standard[2]	Major Pollutant Sources
Ozone (O_3)[3]	1 hour	0.09 ppm	*	Motor vehicles, paints, coatings, and solvents.
	8 hours	0.070 ppm	0.070 ppm	
Carbon Monoxide (CO)	1 hour	20 ppm	35 ppm	Internal combustion engines, primarily gasoline-powered motor vehicles.
	8 hours	9.0 ppm	9 ppm	
Nitrogen Dioxide (NO_2)	Annual Arithmetic Mean	0.030 ppm	0.053 ppm	Motor vehicles, petroleum-refining operations, industrial sources, aircraft, ships, and railroads.
	1 hour	0.18 ppm	0.100 ppm	
Sulfur Dioxide (SO_2)	Annual Arithmetic Mean	*	0.030 ppm	Fuel combustion, chemical plants, sulfur recovery plants, and metal processing.
	1 hour	0.25 ppm	0.075 ppm	
	24 hours	0.04 ppm	0.14 ppm	
Respirable Coarse Particulate Matter (PM_{10})	Annual Arithmetic Mean	20 µg/m^3	*	Dust and fume-producing construction, industrial, and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	24 hours	50 µg/m^3	150 µg/m^3	
Respirable Fine Particulate Matter ($PM_{2.5}$)[4]	Annual Arithmetic Mean	12 µg/m^3	12 µg/m^3	Dust and fume-producing construction, industrial, and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	24 hours	*	35 µg/m^3	
Lead (Pb)	30-Day Average	1.5 µg/m^3	*	Present source: lead smelters, battery manufacturing & recycling facilities. Past source: combustion of leaded gasoline.
	Calendar Quarter	*	1.5 µg/m^3	
	Rolling 3-Month Average	*	0.15 µg/m^3	
Sulfates (SO_4)[5]	24 hours	25 µg/m^3	*	Industrial processes.
Visibility Reducing Particles	8 hours	ExCo =0.23/km visibility of 10≥ miles	No Federal Standard	Visibility-reducing particles consist of suspended particulate matter, which is a complex mixture of tiny particles that consists of dry solid fragments, solid cores with liquid coatings, and small droplets of liquid. These particles vary greatly in shape, size and chemical composition, and can be made up of many different materials such as metals, soot, soil, dust, and salt.

Table 1 Ambient Air Quality Standards for Criteria Pollutants

Pollutant	Averaging Time	California Standard[1]	Federal Primary Standard[2]	Major Pollutant Sources
Hydrogen Sulfide	1 hour	0.03 ppm	No Federal Standard	Hydrogen sulfide (H_2S) is a colorless gas with the odor of rotten eggs. It is formed during bacterial decomposition of sulfur-containing organic substances. Also, it can be present in sewer gas and some natural gas and can be emitted as the result of geothermal energy exploitation.
Vinyl Chloride	24 hours	0.01 ppm	No Federal Standard	Vinyl chloride (chloroethene), a chlorinated hydrocarbon, is a colorless gas with a mild, sweet odor. Most vinyl chloride is used to make polyvinyl chloride (PVC) plastic and vinyl products. Vinyl chloride has been detected near landfills, sewage plants, and hazardous waste sites, due to microbial breakdown of chlorinated solvents.

Source: CARB 2016.
Notes: ppm: parts per million; µg/m^3: micrograms per cubic meter
* Standard has not been established for this pollutant/duration by this entity.
1 California standards for O_3, CO (except 8-hour Lake Tahoe), SO_2 (1 and 24 hour), NO_2, and particulate matter (PM_{10}, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2 National standards (other than O_3, PM, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m^3 is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard.
3 On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
4 On February 7, 2024, the national annual $PM_{2.5}$ primary standard was lowered from 12.0 µg/m^3 to 9.0 µg/m^3. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m^3, as was the annual secondary standard of 15 µg/m^3. The existing 24-hour PM_{10} standards (primary and secondary) of 150 µg/m^3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
5 On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. The 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

California has also adopted a host of other regulations that reduce criteria pollutant emissions, including:

- AB 1493: Pavley Fuel Efficiency Standards
- Title 20 California Code of Regulations (CCR): Appliance Energy Efficiency Standards
- Title 24, Part 6, CCR: Building and Energy Efficiency Standards
- Title 24, Part 11, CCR: Green Building Standards Code

AIR POLLUTANTS OF CONCERN

Criteria Air Pollutants

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by federal and state law. Air pollutants are categorized as primary or secondary pollutants. Primary air pollutants are those that are emitted directly from sources and include CO, VOC, NO_2, SO_X, PM_{10}, $PM_{2.5}$, and Pb. Of these, CO, SO_2, NO_2, PM_{10}, and $PM_{2.5}$ are "criteria air pollutants," which means that ambient air quality standards (AAQS) have been established for them. VOC and oxides of nitrogen (NO_X) are air pollutant precursors that form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. Ozone (O_3) and NO_2 are the principal secondary pollutants. A description of each of the primary and secondary criteria air pollutants and their known health effects is presented below.

Carbon Monoxide (CO) is a colorless, odorless gas produced by incomplete combustion of carbon substances, such as gasoline or diesel fuel. CO is a primary criteria air pollutant. CO concentrations tend to be the highest during winter mornings with little to no wind, when surface-based inversions trap the pollutant at ground levels. The highest ambient CO concentrations are generally found near traffic congested corridors and intersections. The primary adverse health effect associated with CO is interference with normal oxygen transfer to the blood, which may result in tissue oxygen deprivation (CARB 2024a).

Volatile Organic Compounds (VOC) are composed primarily of hydrogen and carbon atoms. Internal combustion associated with motor vehicle usage is the major source of VOCs. Other sources include evaporative emissions from paints and solvents, asphalt paving, and household consumer products such as aerosols. There are no AAQS for VOCs, meaning that no health-based criteria established by the US EPA or CARB. However, because they contribute to the formation of O_3, the SJVAPCD has established a significance threshold for this pollutant.

Nitrogen Oxides (NO_X) are a by-product of fuel combustion and contribute to the formation of ground-level O_3, PM_{10}, and $PM_{2.5}$. The two major forms of NO_X are nitric oxide (NO) and nitrogen dioxide (NO_2). NO is a colorless, odorless gas formed from atmospheric nitrogen and oxygen when combustion takes place under high temperature and/or high pressure. The principal form of NO_X produced by combustion is NO, but NO reacts quickly with oxygen to form NO_2, creating the mixture of NO and NO_2 commonly called NO_X. NO_2 is an acute irritant and more injurious than NO in equal concentrations. At atmospheric concentrations, however, NO_2 is only potentially irritating. NO_2 absorbs blue light; the result is a brownish-red cast to the atmosphere and reduced visibility. NO_2 exposure concentrations near roadways are of particular concern for susceptible individuals, including asthmatics, children, and the elderly. Current scientific evidence links short-term NO_2 exposures, ranging from 30 minutes to 24 hours, with adverse respiratory effects, including airway inflammation in healthy people and increased respiratory symptoms in people with asthma. Also, studies show a connection between elevated short-term NO_2 concentrations and increased visits to emergency departments and hospital admissions for respiratory issues, especially asthma (CARB 2024b).

Sulfur Dioxide (SO_2) is a colorless, pungent, irritating gas formed by the combustion of sulfurous fossil fuels. It enters the atmosphere as a result of burning high-sulfur-content fuel oils and coal and chemical processes at plants and refineries. Gasoline and natural gas have very low sulfur content and do not release significant quantities of SO2. When sulfur dioxide forms sulfates (SO4) in the atmosphere, together these pollutants are referred to as sulfur oxides (SOX). Thus, SO2 is both a primary and secondary criteria air pollutant. At sufficiently high concentrations, SO2 may irritate the upper respiratory tract. Current scientific evidence links short-term exposures to SO2, ranging from 5 minutes to 24 hours, with an array of adverse respiratory effects, including bronchoconstriction and increased asthma symptoms. These effects are particularly adverse for asthmatics at elevated ventilation rates (e.g., while exercising or playing) at lower concentrations and when combined with particulates, SO2 may do greater harm by injuring lung tissue. Studies also show a connection between short-term exposure and increased visits to emergency facilities and hospital admissions for respiratory illnesses, particularly in at-risk populations such as children, the elderly, and asthmatics (CARB 2024c).

Suspended Particulate Matter (PM_{10} and $PM_{2.5}$) consists of finely divided solids or liquids such as soot, dust, aerosols, fumes, and mists. Two forms of fine particulates are now recognized and regulated. Inhalable

coarse particles, or PM_{10}, include particulate matter with an aerodynamic diameter of 10 microns or less (i.e., ≤10 millionths of a meter or 0.0004 inch). Inhalable fine particles, or $PM_{2.5}$, have an aerodynamic diameter of 2.5 microns or less (i.e., ≤2.5 millionths of a meter or 0.0001 inch). Particulate discharge into the atmosphere the atmosphere results primarily from industrial, agricultural, construction, and transportation activities. Both PM_{10} and $PM_{2.5}$ may adversely affect the human respiratory system, especially in people who are naturally sensitive or susceptible to breathing problems. The US EPA's scientific review concluded that $PM_{2.5}$, which penetrates deeply into the lungs, is more likely than PM_{10} to contribute to health effects and at far lower concentrations. These health effects include premature death in people with heart or lung disease, nonfatal heart attacks, irregular heartbeat, aggravated asthma, decreased lung function, and increased respiratory symptoms (e.g., irritation of the airways, coughing, or difficulty breathing). There has been emerging evidence that ultrafine particulates, which are even smaller particulates with an aerodynamic diameter of <0.1 microns or less (i.e., ≤0.1 millionths of a meter or <0.000004 inch), have human health implications, because their toxic components may initiate or facilitate biological processes that may lead to adverse effects to the heart, lungs, and other organs (CARB 2024d).

Ozone (O_3) is a key ingredient of "smog" and is a gas that is formed when VOCs and NO_X, both by-products of internal combustion engine exhaust, undergo photochemical reactions in sunlight. O_3 is a secondary criteria air pollutant. O_3 concentrations are generally highest during the summer months when direct sunlight, light winds, and warm temperatures create favorable conditions for its formation. O_3 poses a health threat to those who already suffer from respiratory diseases as well as to healthy people. Breathing O_3 can trigger a variety of health problems, including chest pain, coughing, throat irritation, and congestion. It can worsen bronchitis, emphysema, and asthma. Ground-level O_3 also can reduce lung function and inflame the linings of the lungs. Repeated exposure may permanently scar lung tissue. O_3 also affects sensitive vegetation and ecosystems, including forests, parks, wildlife refuges, and wilderness areas (CARB 2024e).

Lead (Pb) is a metal found naturally in the environment as well as in manufactured products. Once taken into the body, lead distributes throughout the body in the blood and accumulates in the bones. Depending on the level of exposure, lead can adversely affect the nervous system, kidney function, immune system, reproductive and developmental systems, and the cardiovascular system. Lead exposure also affects the oxygen-carrying capacity of the blood. The effects of lead most commonly encountered in current populations are neurological effects in children and cardiovascular effects in adults (e.g., high blood pressure and heart disease). Infants and young children are especially sensitive to even low levels of lead, which may contribute to behavioral problems, learning deficits, and lowered IQ (CARB 2024f). Because emissions of lead are found only in projects that are permitted by SJVAPCD, lead is not an air quality of concern for the proposed project.

Table 2, *Criteria Air Pollutant Health Effects Summary*, summarizes the potential health effects associated with the criteria air pollutants.

Table 2 Criteria Air Pollutant Health Effects Summary

Pollutant	Health Effects	Examples of Sources
Carbon Monoxide (CO)	• Chest pain in heart patients • Headaches, nausea • Reduced mental alertness • Death at very high levels	Any source that burns fuel such as cars, trucks, construction and farming equipment, and residential heaters and stoves
Ozone (O_3)	• Cough, chest tightness • Difficulty taking a deep breath • Worsened asthma symptoms • Lung inflammation	Atmospheric reaction of organic gases with nitrogen oxides in sunlight
Nitrogen Dioxide (NO_2)	• Increased response to allergens • Aggravation of respiratory illness	Same as carbon monoxide sources
Particulate Matter (PM_{10} and $PM_{2.5}$)	• Hospitalizations for worsened heart diseases • Emergency room visits for asthma • Premature death	Cars and trucks (particularly diesels) Fireplaces and woodstoves Windblown dust from overlays, agriculture, and construction
Sulfur Dioxide (SO_2)	• Aggravation of respiratory disease (e.g., asthma and emphysema) • Reduced lung function	Combustion of sulfur-containing fossil fuels, smelting of sulfur-bearing metal ores, and industrial processes
Lead (Pb)	• Behavioral and learning disabilities in children • Nervous system impairment	Contaminated soil

Source: CARB 2024g.

Toxic Air Contaminants

The public's exposure to air pollutants classified as toxic air contaminants (TACs) is a significant environmental health issue in California. In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health. The California Health and Safety Code defines a TAC as "an air pollutant which may cause or contribute to an increase in mortality or in serious illness, or which may pose a present or potential hazard to human health." A substance that is listed as a hazardous air pollutant (HAP) pursuant to Section 112(b) of the federal Clean Air Act (42 United States Code §7412[b]) is a toxic air contaminant. Under state law, the California Environmental Protection Agency (Cal/EPA), acting through CARB, is authorized to identify a substance as a TAC if it determines that the substance is an air pollutant that may cause or contribute to an increase in mortality or to an increase in serious illness, or may pose a present or potential hazard to human health.

California regulates TACs primarily through Assembly Bill (AB) 1807 (Tanner Air Toxics Act) and AB 2588 (Air Toxics "Hot Spot" Information and Assessment Act of 1987). The Tanner Air Toxics Act sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an "airborne toxics control measure" for sources that emit designated TACs. If there is a safe threshold for a substance (i.e., a point below which there is no toxic effect), the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control

technology to minimize emissions. To date, CARB has established formal control measures for 11 TACs, all of which are identified as having no safe threshold.

Air toxics from stationary sources are also regulated in California under the Air Toxics "Hot Spot" Information and Assessment Act of 1987. Under AB 2588, toxic air contaminant emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, are required to communicate the results to the public in the form of notices and public meetings.

By the last update to the TAC list in December 1999, CARB had designated 244 compounds as TACs (CARB 1999). Additionally, CARB has implemented control measures for a number of compounds that pose high risks and show potential for effective control. The majority of the estimated health risks from TACs can be attributed to relatively few compounds, the most important being particulate matter from diesel-fueled engines.

Diesel Particulate Matter

In 1998, CARB identified particulate emissions from diesel-fueled engines (diesel PM) as a TAC. Previously, the individual chemical compounds in diesel exhaust were considered TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Because of their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung.

CARB has promulgated the following specific rules to limit TAC emissions:

- 13 CCR Chapter 10, Section 2485, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling
- 13 CCR Chapter 10, Section 2480, Airborne Toxic Control Measure to Limit School Bus Idling and Idling at Schools
- 13 CCR Section 2477 and Article 8, Airborne Toxic Control Measure for In-Use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Generator Sets and Facilities Where TRUs Operate

Community Risk

In addition, to reduce exposure to TACs, CARB developed and approved the *Air Quality and Land Use Handbook: A Community Health Perspective* (2005) to provide guidance regarding the siting of sensitive land uses in the vicinity of freeways, distribution centers, rail yards, ports, refineries, chrome-plating facilities, dry cleaners, and gasoline-dispensing facilities. This guidance document was developed to assess compatibility and associated health risks when placing sensitive receptors near existing pollution sources. CARB's recommendations on the siting of new sensitive land uses were based on a compilation of recent studies that evaluated data on the adverse health effects from proximity to air pollution sources. The key observation in these studies is that proximity to air pollution sources substantially increases exposure and the potential for adverse health effects. There are three carcinogenic toxic air contaminants that constitute the majority of the known health risks from motor vehicle traffic, DPM from trucks, and benzene and 1,3-butadiene from passenger vehicles. CARB recommendations

are based on data that show that localized air pollution exposures can be reduced by as much as 80 percent by following CARB minimum distance separations.

BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT

The BCAQMD is the local air district responsible for local air quality regulation in Butte County. The BCAQMD's primary responsibility is to regulate stationary sources and develop plans to achieve and maintain air quality standards. CARB and the EPA have jurisdiction over controlling emissions from mobile sources. The BCAQMD has jurisdiction over air quality matters in Butte County. Formerly a department of the Butte County government, it is now an independent special district under California law.

BCAQMD's mission to improve air quality includes adopting and enforcing rules and regulations to attain and maintain air quality standards, issuing permits for and inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring air quality and meteorological conditions, awarding grants to reduce mobile emissions, implementing public outreach campaigns, assisting Butte County jurisdictions in addressing climate change, and updating and evaluating consistency with the Northern Sacramento Valley Air Quality Attainment Plan.

The stationary "direct" sources of air contaminants over which BCAQMD has permit authority include, but are not limited to, power plants, gasoline stations, dry cleaners, internal combustion engines, and surface-coating operations. BCAQMD does not, however, exercise permit authority over "indirect" emission sources. Indirect sources are contributors to air pollution and include facilities and land uses that may not emit significant amounts of pollution directly themselves, but are responsible for indirect emissions, such as:

- Motor vehicle trips attracted to or generated by a land use.
- On-site combustion of natural gas and propane for heating.
- Architectural coatings (paints, stains) and consumer products.
- Landscape maintenance.

The BCAQMD works with the Butte County Association of Governments (BCAG) to ensure a coordinated approach in the development and implementation of transportation plans throughout the county. This coordination ensures compliance with pertinent provisions of the CAA and California CAA as well as with related transportation legislation.

Air Quality Management Planning

The California CAA requires districts to adopt air quality attainment plans and to review and revise their plans to address deficiencies in interim measures of progress once every three years. The Triennial Air Quality Attainment Plan (AQAP) was created by the air districts in the Northern Sacramento Valley (SVABCC 2021). The purpose of the plan is to achieve and maintain healthy air quality throughout the northern air basin. The plan addresses the progress made in implementing the original plan, submitted to CARB in 1991, and has been updated every three years, most recently in 2021, and was approved by the District Governing Board in April 2022. An AQAP for 2024 has been released for public agency review but has not yet been adopted. The AQAP

includes control strategies necessary to attain the California ozone standard at the earliest practicable date (BCAQMD 2025).

Applicable Rules

All projects are subject to BCAQMD Rules in effect at the time of activity, including, but not limited to the following:

- **Rule 200, Nuisance:** No person shall discharge from any non-vehicular source such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such persons or the public or which cause or have a natural tendency to cause injury or damage to business or property.
- **Rule 201, Visible Emissions:** No person shall discharge into the atmosphere from any single non-vehicular source of emission whatsoever any air contaminant, other than uncombined water vapor, for a period or periods aggregating more than three minutes in any one hour which is:
    - As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart as published by the U.S. Bureau of Mines; or,
    - Of such opacity as to obscure an observers view to a degree equal to or greater than does smoke described in Section 1 of this Rule.
- **Rule 202, Particulate Matter Concentration:** A person shall not discharge into the atmosphere from any source particulate matter in excess of 0.3 grains per cubic foot of gas at standard conditions.
- When the source involves a combustion process, the concentration must be calculated to 12 percent CO_2. In measuring the combustion contaminants from incinerators used to dispose of combustible refuse by burning, the CO_2 produced by combustion of any liquid or gaseous fuels shall be excluded from the calculation of 12 percent of CO_2.
- **Rule 205, Fugitive Dust Emissions:** The purpose of this rule is to reduce ambient concentrations and limit fugitive emissions of coarse particulate matter (PM_{10}) from construction activities, bulk material handling and storage, carryout and track-out, and similar activities, weed abatement activities, unpaved parking lots, unpaved staging areas, unpaved roads, inactive disturbed land, disturbed open areas, and windblown dust.
- **Rule 207, Wood Burning Devices:** The purpose of this rule is to provide requirements related to sale, installation, operation and testing of wood-burning stoves in order to minimize air pollutant emissions.
- **Rule 230, Architectural Coatings:** The purpose of this rule to limit the quantity of VOCs in architectural coatings supplied, sold, offered for sale, applied, solicited for application, or manufactured for use within the District.
- **Rule 400, Permit Requirements:** The purpose of this rule is to require any person constructing, altering, or operating a source that emits or may emit air contaminants to request an Authority to Construct or Permit to Operate from the Air Pollution Control Officer and to provide an orderly procedure for application, review, and authorization of new sources and of the modification and operation of existing sources of air pollution. Stationary sources that are subject to Rule 1101—Title V-Federal Operating Permits—of these Rules and Regulations shall also comply with the procedures specified in this rule.

- **Rule 430, State New Source Review:** The purpose of this rule is to establish pre-construction review requirements for new and modified stationary sources of air pollution for use of Best Available Control Technology, offsets, and analysis of air quality impacts, and to ensure that the operation of such sources does not interfere with the attainment or maintenance of ambient air quality standards, and complies with all other applicable Butte County Air Quality Management District Rules and Regulations.
- **Rule 432, Federal New Source Review:** The purpose of this Rule is to establish pre-construction review requirements for new and modified major stationary sources and major modifications of air pollution for use of Best Available Control Technology, offsets, and analysis of air quality impacts, and to ensure that the operation of such sources does not interfere with the attainment or maintenance of ambient air quality standards and complies with all other applicable requirements.

Existing Conditions

SACRAMENTO VALLEY AIR BASIN

CARB has delineated the jurisdiction of regional air basins and local air districts throughout the state. The Town of Paradise is in the SVAB, which is the northern half of California's 400-mile-long Great Central Valley. The SVAB encompasses approximately 14,994 square miles with a largely flat valley floor (excepting the Sutter Buttes); is about 200 miles long and up to 150 miles wide; and is bordered on its east by the Sierra Nevada, on the north by the Cascade Range, and on the west by the Coast range (BCAQMD 2025).

The SVAB, containing 11 counties and some 2 million people, is divided into two air quality planning areas based on the amount of pollutant transport from one area to the other and the level of emissions within each. Paradise is in the Northern Sacramento Valley Air Basin (NSVAB) of the SVAB. The NSVAB is composed of Butte, Colusa, Glenn, Shasta, Sutter, Tehama, and Yuba Counties.

Emissions from the urbanized portion of the basin (Sacramento, Yolo, Solano, and Placer Counties) dominate the emission inventory for the SVAB, and on-road motor vehicles are the primary source of emissions in the Sacramento metropolitan area. Though pollutant concentrations have generally declined over the years, additional emission reductions will be needed to attain the State and national ambient air quality standards in the SVAB.

Air pollutants are not confined by jurisdictional boundaries but disperse through the atmosphere. For example, depending upon the time of year and meteorological conditions, a significant share of Paradise's air pollutants may come from the Sacramento metropolitan area, which, in turn, may receive a share of its air pollutants from the San Francisco Bay Area or the San Joaquin Valley (BCAQMD 2025).

Regional Climate and Meteorology

Seasonal weather patterns have a significant effect on regional and local air quality. The Sacramento Valley and Paradise have a Mediterranean climate, characterized by hot, dry summers and cool, wet winters. Winter weather is governed by cyclonic storms from the North Pacific, and summer weather is typically subject to a high-pressure cell that deflects storms from the region.

In Paradise, winters are generally mild, with daytime average temperatures in the low 50s and nighttime temperatures in the upper 30s. Temperatures range from an average January low of approximately 36°F to an average July high of approximately 96°F, although periodic lower and higher temperatures are common. Rainfall between October and May averages about 26 inches but varies considerably year to year. Heavy snowfall often occurs in the northeastern, mountainous portion of the county. Periodic rainstorms contrast with occasional stagnant weather and thick ground or "tule" fog in the moister, flatter parts of the valley. Winter winds generally come from the south, although north winds also occur.

Diminished air quality in Butte County largely results from local air pollution sources, transport of pollutants into the area from the south, the NSVAB topography, prevailing wind patterns, and certain inversion conditions that differ with the season. During the summer, sinking air forms a "lid" over the region, confining pollution within a shallow layer near the ground that leads to photochemical smog and visibility problems. During winter nights, air near the ground cools while the air above remains relatively warm, resulting in little air movement and localized pollution "hot spots" near emission sources. Carbon monoxide, nitrogen oxides, particulate matters, and lead particulate concentrations tend to elevate during winter inversion conditions when little air movement may persist for weeks.

As a result, high levels of particulate matter (primarily $PM_{2.5}$) and ground-level ozone are the pollutants of most concern to the NSVAB Districts. Ground-level ozone, the principal component of smog, forms when VOC and NO_X—together known as ozone precursor pollutants—react in strong sunlight. Ozone levels tend to be highest in Butte County during late spring through early fall, when sunlight is strong and constant and emissions of the precursor pollutants are highest (BCAQMD 2024).

AREA DESIGNATIONS

The AQMP provides the framework for air quality basins to achieve attainment of the state and federal ambient air quality standards through the State Implementation Plan (SIP). Areas are classified as attainment or nonattainment areas for particular pollutants, depending on whether they meet ambient air quality standards. Severity classifications for ozone nonattainment range in magnitude from marginal, moderate, and serious to severe and extreme.

- **Unclassified:** a pollutant is designated unclassified if the data are incomplete and do not support a designation of attainment or nonattainment.
- **Attainment:** a pollutant is in attainment if the CAAQS for that pollutant was not violated at any site in the area during a three-year period.
- **Nonattainment:** a pollutant is in nonattainment if there was at least one violation of a state AAQS for that pollutant in the area.
- **Nonattainment/Transitional:** a subcategory of the nonattainment designation. An area is designated nonattainment/transitional to signify that the area is close to attaining the AAQS for that pollutant.

The attainment status for Butte County is shown in Table 3, *Attainment Status of Criteria Pollutants in Butte County*.

Table 3 Attainment Status of Criteria Pollutants in the Butte County

Pollutant	State	Federal
Ozone – 1-hour	Nonattainment-Transitional	--
Ozone – 8-hour	Nonattainment-Transitional	Nonattainment
PM_{10} – 24 hour	Nonattainment	Attainment
PM_{10} – Annual	Attainment	--
$PM_{2.5}$ – 24 hour	--	Attainment
$PM_{2.5}$ – Annual	Attainment	Attainment
CO	Attainment	Attainment
NO_2	Attainment	Attainment
SO_2	Attainment	Attainment
Lead	Attainment	No Designation/Classification
Sulfates	Attainment	No Federal Standard
Visibility Reducing Particles	Unclassified	No Federal Standard
Vinyl Chloride	Attainment	No Federal Standard

Source: BCAQMD 2025

AMBIENT AIR QUALITY CONDITIONS

CARB, in cooperation with BCAQMD and other air districts, monitors air quality throughout the SVAB. The closes air monitoring site to the project site is the Paradise-Clark Station on 5921 Road, Paradise CA, 95969, however, this station only lists data for 2023 ozone levels. The other closest air monitoring sites, the Paradise 4405 Airport Road site, has data for the ozone levels over for the previous three years and the Chico East Avenue site has data for ozone, CO, NO_2, and PM (CARB 2025). Data from the Chico East Avenue site and the Paradise Airport monitoring stations are shown in Table 4, *Ambient Air Quality Monitoring Summary*, for the last three available years.

Table 4 Ambient Air Quality Monitoring Summary

Pollutant/Standard	Number of Days Threshold Were Exceeded and Maximum Levels during Such Violations[1]		
	2021	2022	2023
Ozone (O_3)[1]			
State 1-Hour ≥ 0.09 ppm (days exceed threshold)	0	0	0
State & Federal 8-hour ≥ 0.070 ppm (days exceed threshold)	10	0	0
Max. 1-Hour Conc. (ppm)	0.093	0.082	0.075
Max. 8-Hour Conc. (ppm)	0.078	0.066	0.070

Table 4 Ambient Air Quality Monitoring Summary

Pollutant/Standard	Number of Days Threshold Were Exceeded and Maximum Levels during Such Violations[1]		
	2021	2022	2023
Fine Particulates ($PM_{2.5}$)[2]			
Federal 24-Hour > 35 µg/m³ (days exceed threshold)	13	2	*
Max. 24-Hour Conc. (µg/m³)	102.7	42.8	35.4
Particulate Matter (PM_{10})[2]			
State 24-Hour ≥ 50 µg/m³	33	10	16
Federal 24-Hour ≥ 150 µg/m³	0	0	0
Maximum 24-Hour Conc. (µg/m³)	130.3	76.2	78.8
Nitrogen Dioxide (NO_2)[2]			
State 1-Hour ≥ 0.18 (ppm)			
Federal 1-Hour ≥ 0.100 (ppm)			
Maximum 1-Hour Conc. (ppb)			

Source: CARB 2025.
Notes: ppm = parts per million; ppb = parts per billion; µg/m³ = micrograms per cubic meter; * = Data not available
[1] Data from Paradise-4405 Airport Road Station.
[2] Data from Chico-East Avenue Station.

SENSITIVE RECEPTORS

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Sensitive population groups include children, the elderly, the acutely ill, and the chronically ill, especially those with cardio-respiratory diseases.

Residential areas are also considered to be sensitive receptors to air pollution because residents (including children and the elderly) tend to be at home for extended periods of time, resulting in sustained exposure to any pollutants present. Schools are also considered sensitive receptors, as children are present for extended durations and engage in regular outdoor activities. Recreational land uses are considered moderately sensitive to air pollution. Although exposure periods are generally short, exercise places a high demand on respiratory functions, which can be impaired by air pollution. In addition, noticeable air pollution can detract from the enjoyment of recreation. Industrial and commercial areas are considered the least sensitive to air pollution. Exposure periods are relatively short and intermittent, as the majority of the workers tend to stay indoors most of the time. In addition, the working population is generally the healthiest segment of the public. In addition to the existing Paradise High School campus, the nearest sensitive receptor to the project site is the residence at 1007 Elliot Road.

Thresholds of Significance

BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT THRESHOLDS

The analysis of the project's air quality impacts follows the guidance and methodologies and utilizes the significance thresholds in the BCAQMD CEQA Air Quality Handbook (Handbook) (BCAQMD 2024).

Screening for Criteria Air Pollutants

Table 5, *Screening Criteria for Air Pollutants*, provides BCAQMD's screening criteria to determine whether or not modeling for criteria air pollutants is necessary. The screening criteria were created using CalEEMod version 2022.1.1.21 for the given land use types, with default Butte County urban settings and relate to both the size of the project facility (units or square feet) and the surface area that will be disturbed to support the facility. Using the default settings, the quantity of criteria pollutant emissions is proportional to the size of the project. To determine whether or not a proposed project meets the screening criteria, the size and metric for the land use type (units or thousands of square feet) should be compared with that of the proposed project. If the screening criteria are met by a proposed project, then further quantification of criteria air pollutants is not necessary and a less-than-significant impact for criteria air pollutants may be assumed (BCAQMD 2024).

Table 5 Screening Criteria for Air Pollutants

Land Use Type	Model Emissions for Projects Greater Than
Single Family Unit Residential	225 units
Multi-Family (Low Rise) Residential	300 units
Commercial	45,000 square feet
Educational	90,000 square feet
Industrial	500,000 square feet
Recreational	7,400 square feet
Retail	25,000 square feet

Source: BCAQMD 2024.
Notes:
[1] Screening levels were created using CalEEMod 2022.1.1.21. Model runs were conducted for incorporated and unincorporated areas of Butte County resulting in peak winter, summer, and annual emissions. The scenario with the highest criteria emissions was used for screening.
[2] Screening criteria assume no woodburning devices, unpaved roads, parking or mixed land uses.
[3] Emissions from engines and industrial sources subject District Rules and Regulations are not included in the screening estimates.

If modeling of criteria air pollutants is determined to be unnecessary because the project meets the screening criteria, the initial study should still identify the main sources of construction and operational emissions with sufficient discussion to support the conclusion that they will have a less than significant impact on air quality. BCAQMD recommends that these screening criteria not be used if a proposed project involves the following:

- Significant material transport involving a considerable amount of hauling (e.g., greater than 10,000 cubic yards)
- Grading in contaminated soils or in areas with suspected or known naturally-occurring asbestos.
- Simultaneous construction of more than one land use type (not applicable to high density infill development)
- Only a construction phase; that is, the project has no operational land use component, (for example, a road construction or levee project)
- Preparation of an environmental impact report (BCAQMD 2024).

Regional Significance Thresholds

The BCAQMD Handbook established the regional significance thresholds for operation and construction shown in Table 6, *BCAQMD Regional Significance Thresholds*. Per the BCAQMD Handbook, the significance thresholds are derived from District Rule 430, which in turn is based on the State ambient air quality standards. Projects that do not exceed the regional significance thresholds may be assumed to have a less than significant impact in regard to a cumulatively considerable net increase of any criteria pollutant for which the region is nonattainment (BCAQMD 2024).

Table 6 BCAQMD Regional Significance Thresholds

Air Pollutant	Construction		Operation
	Daily (pounds per day)	Annual (tons per year)	Daily (pounds per day)
Reactive Organic Gases (ROG)	137	4.5	25
Nitrogen Oxides (NO_X)	137	4.5	25
Particulates (PM_{10} and $PM_{2.5}$)	80	n/a	80

Source: BCAQMD 2024.

If projects exceed the emissions in Table 6, emissions would cumulatively contribute to the nonattainment status and would contribute to elevating health effects associated to these criteria air pollutants. Known health effects related to ozone include worsening of bronchitis, asthma, and emphysema and a decrease in lung function. Health effects associated with particulate matter include premature death of people with heart or lung disease, nonfatal heart attacks, irregular heartbeat, decreased lung function, and increased respiratory symptoms. Reducing emissions would further contribute to reducing possible health effects related to criteria air pollutants.

However, for projects that exceed the emissions in Table 6, it is speculative to determine how exceeding the regional thresholds would affect the number of days the region is in nonattainment since mass emissions are not correlated with concentrations of emissions or how many additional individuals in the air basin would be affected by the health effects cited above. The BCAQMD is the primary agency responsible for ensuring the health and welfare of sensitive individuals to elevated concentrations of air quality in its jurisdiction within SVAB, and at the present time, it has not provided methodology to assess the specific correlation between mass emissions generated and the effect on health in order to address the issue raised in Sierra Club v. County of Fresno (Friant Ranch, L.P.) (2018) 6 Cal.5th 502, Case No. S21978 (Friant Ranch).

Ozone concentrations depend on a variety of complex factors, including the presence of sunlight and precursor pollutants, natural topography, nearby structures that cause building downwash, atmospheric stability, and wind patterns. Because of the complexities of predicting ground-level ozone concentrations in relation to the National and California AAQS, it is not possible to link health risks to the magnitude of emissions exceeding the significance thresholds. To achieve the health-based standards established by the EPA, the air districts prepare air quality management plans that details regional programs to attain the AAQS. However, if a project in Butte County exceeds the regional significance thresholds, the project could contribute to an increase in health effects in the basin until the attainment standards are met in the SVAB.

Community Health Risk

The BCAQMD recommends the following health risk impact thresholds for TACs and $PM_{2.5}$ generated from project-related construction and operational phase activities.

Project Level

Project-level emissions of TACs or $PM_{2.5}$ from individual sources that exceed any of the thresholds listed here are considered a potentially significant community health risk:

- An excess cancer risk level of more than 10 in one million, or a noncancer (i.e., chronic or acute) hazard index greater than 1.0 would be a significant project contribution.
- An incremental increase of greater than 0.3 micrograms per cubic meter ($\mu g/m^3$) annual average $PM_{2.5}$ from a single source would be a significant project contribution (BCAQMD 2024).

Cumulative

Cumulative sources represent the combined total risk values of each of the individual sources within the 1,000-foot evaluation zone. A project would have a cumulatively considerable impact if the aggregate total of all past, present, and foreseeable future sources within a 1,000-foot radius from the fence line of a source or location of a receptor, plus the contribution from the project, exceeds any of the following:

- An excess cancer risk level of more than 10 in one million or a chronic noncancer hazard index (from all local sources) greater than 1.0.
- 0.8 $\mu g/m^3$ annual average $PM_{2.5}$ (BCAQMD 2024).

Odors

Odor impacts associated with a proposed project would be considered significant if the project has the potential to frequently expose members of the public to objectionable odors. Due to the subjective nature of odor impacts, BCAQMD does not provide quantitative or formulaic methodologies to determine if potential odors would have a significant impact. However, because potential significant odor impacts are generally related to the intensity with distance from a source, BCAQMD identified screening distances for various odor sources as shown in Table 7, *BCAQMD Screening Levels for Potential Odor Sources*. For new odor sources that would be developed and sited near existing receptors within the screening distances, an information request and analysis should be made and based on a review of odor complaints for similar facilities. Additionally, the significance determination should be assessed on a case-by-case basis in consideration of any relevant information about the source (e.g., nature of the odor) and the setting (e.g., local meteorology, wind direction, etc.).

Table 2 BCAQMD Screening Levels for Potential Odor Sources

Land Use/Type of Operation	Screening Distance
Wastewater Treatment Plan	2 miles
Wastewater Pumping Facilities	1 mile
Sanitary Landfill	1 mile

Table 2 BCAQMD Screening Levels for Potential Odor Sources

Transfer Station	1 mile
Composting Facility	1 mile
Petroleum Refinery	2 miles
Asphalt Batch Plant	1 mile
Chemical Manufacturing	1 mile
Fiberglass Manufacturing	1 mile
Painting/Coating Operations	1 mile
Rendering Plant	4 miles
Coffee Roaster	1 mile
Food Processing Facility	1 mile
Feed Lot/ Dairy	1 mile
Green Waste and Recycling Operations	2 miles
Metal Smelting Plants	1 mile

Source: BCAQMD 2024

For a project locating near an existing source of odors, in *California Building Industry Association v. Bay Area Air Quality Management District* (*CBIA vs BAAQMD*), the California Supreme Court ruled that CEQA generally does not require an evaluation of impacts of the environment on a project unless a project will exacerbate an existing environmental hazard. As shown in Table 7, sensitive receptors such as residential, commercial, office, and institutional uses (such as the hospital land uses) would not be the types of land uses that are associated with generating substantial odors and would not be anticipated to exacerbate existing odor impacts. Thus, evaluation of this scenario is not considered for purposes of this analysis.

GREENHOUSE GAS EMISSIONS

Scientists have concluded that human activities are contributing to global climate change by adding large amounts of heat-trapping gases, known as GHG, to the atmosphere. Climate change is the variation of Earth's climate over time, whether due to natural variability or as a result of human activities. The primary source of these GHG is fossil fuel use. The Intergovernmental Panel on Climate Change (IPCC) has identified four major GHG—water vapor,[1] carbon (CO_2), methane (CH_4), and ozone (O_3)—that are the likely cause of an increase in global average temperatures observed within the 20th and 21st centuries. Other GHG identified by the IPCC that contribute to global warming to a lesser extent include nitrous oxide (N_2O), sulfur hexafluoride (SF_6), hydrofluorocarbons, perfluorocarbons, and chlorofluorocarbons (IPCC 2001).[2] The major GHG are briefly described below.

[1] Water vapor (H_2O) is the strongest GHG and the most variable in its phases (vapor, cloud droplets, ice crystals). However, water vapor is not considered a pollutant, but part of the feedback loop rather than a primary cause of change.

[2] Black carbon contributes to climate change both directly, by absorbing sunlight, and indirectly, by depositing on snow (making it melt faster) and by interacting with clouds and affecting cloud formation. Black carbon is the most strongly light-absorbing component of particulate matter (PM) emitted from burning fuels such as coal, diesel, and biomass. Reducing black carbon

- **Carbon dioxide (CO_2)** enters the atmosphere through the burning of fossil fuels (oil, natural gas, and coal), solid waste, trees and wood products, and respiration, and also as a result of other chemical reactions (e.g. manufacture of cement). Carbon dioxide is removed from the atmosphere (sequestered) when it is absorbed by plants as part of the biological carbon cycle.

- **Methane (CH_4)** is emitted during the production and transport of coal, natural gas, and oil. Methane emissions also result from livestock and other agricultural practices and from the decay of organic waste in municipal landfills and water treatment facilities.

- **Nitrous oxide (N_2O)** is emitted during agricultural and industrial activities as well as during combustion of fossil fuels and solid waste.

- **Fluorinated gases** are synthetic, strong GHGs that are emitted from a variety of industrial processes. Fluorinated gases are sometimes used as substitutes for ozone-depleting substances. These gases are typically emitted in smaller quantities, but because they are potent GHGs, they are sometimes referred to as high global-warming-potential (GWP) gases.

    - ***Chlorofluorocarbons (CFCs***) are GHGs covered under the 1987 Montreal Protocol and used for refrigeration, air conditioning, packaging, insulation, solvents, or aerosol propellants. Since they are not destroyed in the lower atmosphere (troposphere, stratosphere), CFCs drift into the upper atmosphere where, given suitable conditions, they break down ozone. These gases are also ozone-depleting gases and are therefore being replaced by other compounds that are GHGs covered under the Kyoto Protocol.

    - ***Perfluorocarbons (PFCs)*** are a group of human-made chemicals composed of carbon and fluorine only. These chemicals (predominantly perfluoromethane [CF_4] and perfluoroethane [C_2F_6]) were introduced as alternatives, along with HFCs, to the ozone-depleting substances. In addition, PFCs are emitted as by-products of industrial processes and are used in manufacturing. PFCs do not harm the stratospheric ozone layer, but they have a high global warming potential.

    - ***Sulfur Hexafluoride (SF_6)*** is a colorless gas soluble in alcohol and ether, slightly soluble in water. SF_6 is a strong GHG used primarily in electrical transmission and distribution systems as an insulator.

    - ***Hydrochlorofluorocarbons (HCFCs)*** contain hydrogen, fluorine, chlorine, and carbon atoms. Although ozone-depleting substances, they are less potent at destroying stratospheric ozone than CFCs. They have been introduced as temporary replacements for CFCs and are also GHGs.

emissions globally can have immediate economic, climate, and public health benefits. California has been an international leader in reducing emissions of black carbon, with close to 95 percent control expected by 2020 due to existing programs that target reducing PM from diesel engines and burning activities (CARB 2017). However, state and national GHG inventories do not yet include black carbon due to ongoing work resolving the precise global warming potential of black carbon. Guidance for CEQA documents does not yet include black carbon.

- ***Hydrofluorocarbons (HFCs)*** contain only hydrogen, fluorine, and carbon atoms. They were introduced as alternatives to ozone-depleting substances to serve many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are also used in manufacturing. They do not significantly deplete the stratospheric ozone layer, but they are strong GHGs (IPCC 2001).

GHGs are dependent on the lifetime or persistence of the gas molecule in the atmosphere. Some GHGs have stronger greenhouse effects than others. These are referred to as high GWP gases. The GWP of GHG emissions are shown in Table 8, *GHG Emissions and Their Relative Global Warming Potential Compared to CO_2*. The GWP is used to convert GHGs to CO_2-equivalence (CO_2e) to show the relative potential that different GHGs have to retain infrared radiation in the atmosphere and contribute to the greenhouse effect. For example, under IPCC's Fifth Assessment Report (AR5) GWP values for CH_4, a project that generates 10 MT of CH_4 would be equivalent to 280 MT of CO_2.[3]

Table 8 GHG Emissions and Their Relative Global Warming Potential Compared to CO_2

GHGs	Fourth Assessment Report (AR4) Global Warming Potential Relative to CO_2[1]	Fifth Assessment Report (AR5) Global Warming Potential Relative to CO_2[1]	Sixth Assessment Report (AR6) Global Warming Potential Relative to CO_2[1]
Carbon Dioxide (CO_2)	1	1	1
Methane[2] (CH_4)	25	28	30
Nitrous Oxide (N_2O)	298	265	273

Source: IPCC 2007, 2013, and 2023.

Notes: The IPCC published updated GWP values in its Sixth Assessment Report (AR6) that reflect latest information on atmospheric lifetimes of GHGs and an improved calculation of the radiative forcing of CO_2. However, GWP values identified in AR5 are used by the 2022 Scoping Plan for long-term emissions forecasting.

1 Based on 100-year time horizon of the GWP of the air pollutant compared to CO_2.

2 The methane GWP includes direct effects and indirect effects due to the production of tropospheric ozone and stratospheric water vapor. The indirect effect due to the production of CO_2 is not included.

GHG Regulatory Setting

REGULATION OF GHG EMISSIONS ON A NATIONAL LEVEL

The US Environmental Protection Agency (EPA) announced on December 7, 2009, that GHG emissions threaten the public health and welfare of the American people and that GHG emissions from on-road vehicles contribute to that threat. The EPA's final findings respond to the 2007 U.S. Supreme Court decision that GHG emissions fit within the Clean Air Act definition of air pollutants. The findings do not in and of themselves impose any emission reduction requirements but allow the EPA to finalize the GHG standards proposed in 2009 for new light-duty vehicles as part of the joint rulemaking with the Department of Transportation (USEPA 2009).

To regulate GHGs from passenger vehicles, EPA was required to issue an endangerment finding. The finding identifies emissions of six key GHGs—CO_2, CH_4, N_2O, hydrofluorocarbons, perfluorocarbons, and SF_6—that have been the subject of scrutiny and intense analysis for decades by scientists in the United States and around

3 The global warming potential of a GHG is dependent on the lifetime, or persistence, of the gas molecule in the atmosphere.

the world. The first three are applicable to the project's GHG emissions inventory because they constitute the majority of GHG emissions and are the GHG emissions that should be evaluated as part of a project's GHG emissions inventory.

US Mandatory Report Rule for GHGs (2009)

In response to the endangerment finding, the EPA issued the Mandatory Reporting of GHG Rule that requires substantial emitters of GHG emissions (large stationary sources, etc.) to report GHG emissions data. Facilities that emit 25,000 MT or more of CO_2 per year are required to submit an annual report.

Update to Corporate Average Fuel Economy Standards (2021 to 2026)

The federal government issued new Corporate Average Fuel Economy (CAFE) standards in 2012 for model years 2017 to 2025, which required a fleet average of 54.5 miles per gallon in 2025. On March 30, 2020, the EPA finalized an updated CAFE and GHG emissions standards for passenger cars and light trucks and established new standards covering model years 2021 through 2026, known as the Safer Affordable Fuel Efficient (SAFE) Vehicles Final Rule for Model Years 2021 to 2026. Under SAFE, the fuel economy standards will increase 1.5 percent per year compared to the 5 percent per year under the CAFE standards established in 2012. Overall, SAFE requires a fleet average of 40.4 MPG for model year 2026 vehicles (85 Federal Register 24174 (April 30, 2020)).

On December 21, 2021, under direction of Executive Order (EO) 13990 issued by President Biden, the National Highway Traffic Safety Administration repealed Safer Affordable Fuel Efficient Vehicles Rule Part One, which had preempted state and local laws related to fuel economy standards. In addition, on March 31, 2022, the National Highway Traffic Safety Administration finalized new fuel standards in response to EO 13990. Fuel efficiency under the standards proposed will increase 8 percent annually for model years 2024 to 2025 and 10 percent annual for model year 2026. Overall, the new CAFE standards require a fleet average of 49 MPG for passenger vehicles and light trucks for model year 2026, which would be a 10 MPG increase relative to model year 2021 (NHTSA 2022).

EPA Regulation of Stationary Sources under the Clean Air Act (Ongoing)

Pursuant to its authority under the Clean Air Act, the EPA has developed regulations for new, large, stationary sources of emissions, such as power plants and refineries. Under former President Obama's 2013 Climate Action Plan, the EPA was directed to develop regulations for existing stationary sources as well. On June 19, 2019, the EPA issued the final Affordable Clean Energy (ACE) rule, which became effective on August 19, 2019. The ACE rule was crafted under the direction of President Trump's Energy Independence EO. It officially rescinded the Clean Power Plan rule issued during the Obama Administration and set emissions guidelines for states in developing plans to limit CO_2 emissions from coal-fired power plants. The Affordable Clean Energy rule was vacated by the United States Court of Appeals for the District of Columbia Circuit on January 19, 2021. The Biden Administration is assessing options on potential future regulations.

REGULATION OF GHG EMISSIONS ON A STATE LEVEL

Current State of California guidance and goals for reductions in GHG emissions are generally embodied in EO S-03-05 and EO B-30-15, EO B-55-18, Assembly Bill 32 (AB 32), Senate Bill 32 (SB 32), and SB 375.

Executive Order S-3-05

Executive Order S-3-05, signed June 1, 2005. Executive Order S-3-05 set the following GHG reduction targets for the State:

- 2000 levels by 2010
- 1990 levels by 2020
- 80 percent below 1990 levels by 2050

Assembly Bill 32, the Global Warming Solutions Act (2006)

AB 32 was passed by the California state legislature on August 31, 2006, to place the state on a course toward reducing its contribution of GHG emissions. AB 32 follows the 2020 tier of emissions reduction targets established in EO S-03-05. CARB prepared the 2008 Scoping Plan to outline a plan to achieve the GHG emissions reduction targets of AB 32.

Executive Order B-30-15

EO B-30-15, signed April 29, 2015, set a goal of reducing GHG emissions within the state to 40 percent of 1990 levels by year 2030. EO B-30-15 also directed CARB to update the Scoping Plan to quantify the 2030 GHG reduction goal for the state and requires state agencies to implement measures to meet the interim 2030 goal as well as the long-term goal for 2050 in EO S-03-05. It also requires the Natural Resources Agency to conduct triennial updates of the California adaption strategy, "Safeguarding California", in order to ensure climate change is accounted for in state planning and investment decisions.

Senate Bill 32 and Assembly Bill 197

In September 2016, Governor Brown signed SB 32 and AB 197 into law, making the Executive Order goal for year 2030 into a statewide mandated legislative target. AB 197 established a joint legislative committee on climate change policies and requires the CARB to prioritize direction emissions reductions rather than the market-based cap-and-trade program for large stationary, mobile, and other sources.

Executive Order B-55-18

Executive Order B-55-18, signed September 10, 2018, set a goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." Executive Order B-55-18 directs CARB to work with relevant state agencies to ensure that future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal. The goal of carbon neutrality by 2045 is in addition to other statewide goals, meaning that not only should emissions be reduced to 80 percent below 1990 levels by 2050, but that, by no later than 2045, the remaining emissions should be offset by equivalent net removals of CO_2e from the atmosphere, including through sequestration in forests, soils, and other natural landscapes.

Assembly Bill 1279

AB 1279, signed by Governor Newsom in September 2022, codified the carbon neutrality targets of EO B-55-18 for year 2045 and sets a new legislative target for year 2045 of 85 percent below 1990 levels for

anthropogenic GHG emissions. SB 1279 also requires CARB to update the Scoping Plan to address these new targets.

2022 Climate Change Scoping Plan

CARB adopted the *2022 Scoping Plan for Achieving Carbon Neutrality* (2022 Scoping Plan) on December 15, 2022, which lays out a path to achieve carbon neutrality by 2045 or earlier and to reduce the State's anthropogenic GHG emissions (CARB 2022a). The Scoping Plan provides updates to the previously adopted 2017 Scoping Plan and addresses the carbon neutrality goals of EO B-55-18 (discussed below) and the ambitious GHG reduction target as directed by AB 1279. Previous Scoping Plans focused on specific GHG reduction targets for our industrial, energy, and transportation sectors—to meet 1990 levels by 2020, and then the more aggressive 40 percent below that for the 2030 target. The 2022 Scoping Plan updates the target of reducing anthropogenic emissions to 85 percent below 1990 levels by 2045. Carbon neutrality takes it one step further by expanding actions to capture and store carbon including through natural and working lands and mechanical technologies, while drastically reducing anthropogenic sources of carbon pollution at the same time.

The path forward was informed by the recent Sixth Assessment Report (AR6) of the IPCC and the measures would achieve 85 percent below 1990 levels by 2045 in accordance AB 1279. CARB's 2022 Scoping Plan identifies strategies as shown in Table 11, *Priority Strategies for Local Government Climate Action Plans*, that would be most impactful at the local level for ensuring substantial process towards the State's carbon neutrality goals.

Table 11 Priority Strategies for Local Government Climate Action Plans

Priority Area	Priority Strategies
Transportation Electrification	Convert local government fleets to zero-emission vehicles (ZEV) and provide EV charging at public sites.
	Create a jurisdiction-specific ZEV ecosystem to support deployment of ZEVs statewide (such as building standards that exceed state building codes, permit streamlining, infrastructure siting, consumer education, preferential parking policies, and ZEV readiness plans).
VMT Reduction	Reduce or eliminate minimum parking standards.
	Implement Complete Streets policies and investments, consistent with general plan circulation element requirements.
	Increase access to public transit by increasing density of development near transit, improving transit service by increasing service frequency, creating bus priority lanes, reducing or eliminating fares, microtransit, etc.
	Increase public access to clean mobility options by planning for and investing in electric shuttles, bike share, car share, and walking
	Implement parking pricing or transportation demand management pricing strategies.
	Amend zoning or development codes to enable mixed-use, walkable, transit-oriented, and compact infill development (such as increasing allowable density of the neighborhood).
	Preserve natural and working lands by implementing land use policies that guide development toward infill areas and do not convert "greenfield" land to urban uses (e.g., green belts, strategic conservation easements)
Building Decarbonization	Adopt all-electric new construction reach codes for residential and commercial uses.
	Adopt policies and incentive programs to implement energy efficiency retrofits for existing buildings, such as weatherization, lighting upgrades, and replacing energy-intensive appliances and equipment with more efficient systems (such as Energy Star-rated equipment and equipment controllers).

Table 11 Priority Strategies for Local Government Climate Action Plans

Priority Area	Priority Strategies
	Adopt policies and incentive programs to electrify all appliances and equipment in existing buildings such as appliance rebates, existing building reach codes, or time of sale electrification ordinances.
	Facilitate deployment of renewable energy production and distribution and energy storage on privately owned land uses (e.g., permit streamlining, information sharing) .
	Deploy renewable energy production and energy storage directly in new public projects and on existing public facilities (e.g., solar photovoltaic systems on rooftops of municipal buildings and on canopies in public parking lots, battery storage systems in municipal buildings) .

Source: CARB 2022a.

Based on Appendix D of the 2022 CARB Climate Change Scoping Plan, for residential and mixed-use development projects, CARB recommends first demonstrating that these land use development projects are aligned with State climate goals based on the attributes of land use development that reduce operational GHG emissions while simultaneously advancing fair housing. Attributes that accommodate growth in a manner consistent with the GHG and equity goals of SB 32 have all the following attributes:

- Transportation Electrification
  - Provide EV charging infrastructure that, at a minimum, meets the most ambitious voluntary standards in the California Green Building Standards Code at the time of project approval.

- VMT Reduction
  - Is located on infill sites that are surrounded by existing urban uses and reuses or redevelops previously undeveloped or underutilized land that is presently served by existing utilities and essential public services (e.g., transit, streets, water, sewer).
  - Does not result in the loss or conversion of the State's natural and working lands;
  - Consists of transit-supportive densities (minimum of 20 residential dwelling units/acre), or is in proximity to existing transit stops (within a half mile), or satisfies more detailed and stringent criteria specified in the region's Sustainable Communities Strategy (SCS);
  - Reduces parking requirements by:
    - Eliminating parking requirements or including maximum allowable parking ratios (i.e., the ratio of parking spaces to residential units or square feet); or
    - Providing residential parking supply at a ratio of <1 parking space per dwelling unit; or
    - For multifamily residential development, requiring parking costs to be unbundled from costs to rent or own a residential unit.
  - At least 20 percent of the units are affordable to lower-income residents;
  - Result in no net loss of existing affordable units.

- Building Decarbonization
    - Use all electric appliances without any natural gas connections and does not use propane or other fossil fuels for space heating, water heating, or indoor cooking (CARB 2022a).

If the first approach to demonstrating consistency is not applicable (such as in the case of this school modernization project), the second approach to project-level alignment with state climate goals is to achieve net zero GHG emissions. The third approach to demonstrating project-level alignment with state climate goals is to align with GHG thresholds of significance, which many local air quality management (AQMDs) and air pollution control districts (APCDs) have developed or adopted (CARB 2022a).

Senate Bill 375

In 2008, SB 375, the Sustainable Communities and Climate Protection Act, was adopted to connect the GHG emissions reductions targets established in the 2008 Scoping Plan for the transportation sector to local land use decisions that affect travel behavior. Its intent is to reduce GHG emissions from light-duty trucks and automobiles (excludes emissions associated with goods movement) by aligning regional long-range transportation plans, investments, and housing allocations to local land use planning to reduce VMT and vehicle trips. Specifically, SB 375 required CARB to establish GHG emissions reduction targets for each of the 18 metropolitan planning organizations (MPO). The Tulare County Association of Governments (TCAG) is the MPO that serves Tulare County; it shares its borders with the County.

Pursuant to the recommendations of the Regional Transportation Advisory Committee, CARB adopted per capita reduction targets for each of the MPOs rather than a total magnitude reduction target. SCAG's targets are an 8 percent per capita reduction from 2005 GHG emission levels by 2020 and a 13 percent per capita reduction from 2005 GHG emission levels by 2035 (CARB 2010). The 2020 targets are smaller than the 2035 targets because a significant portion of the built environment in 2020 is defined by decisions that have already been made. In general, the 2020 scenarios reflect that more time is needed for large land use and transportation infrastructure changes. Most of the reductions in the interim are anticipated to come from improving the efficiency of the region's transportation network. The targets would result in 3 $MMTCO_2e$ of reductions by 2020 and 15 $MMTCO_2e$ of reductions by 2035. Based on these reductions, the passenger vehicle target in CARB's Scoping Plan (for AB 32) would be met (CARB 2010).

2017 Update to the SB 375 Targets

CARB is required to update the targets for the MPOs every eight years. CARB adopted revised SB 375 targets for the MPOs in March 2018. The updated targets became effective in October 2018. All SCSs adopted after October 1, 2018, are subject to these new targets. CARB's updated SB 375 targets for the SCAG region were an 8 percent per capita GHG reduction in 2020 from 2005 levels (unchanged from the 2010 target) and a 19 percent per capita GHG reduction in 2035 from 2005 levels (compared to the 2010 target of 13 percent) (CARB 2018).

The targets consider the need to further reduce VMT, as identified in the 2017 Scoping Plan Update (for SB 32), while balancing the need for additional and more flexible revenue sources to incentivize positive planning and action toward sustainable communities. Like the 2010 targets, the updated SB 375 targets are in units of

"percent per capita" reductions in GHG emissions from automobiles and light trucks relative to 2005; this excludes reductions anticipated from implementation of state technology and fuels strategies and any potential future state strategies, such as statewide road user pricing. The proposed targets call for greater per-capita GHG emission reductions from SB 375 than are currently in place, which for 2035 translate into proposed targets that either match or exceed the emission reduction levels in the MPOs' currently adopted SCSs to achieve the SB 375 targets. CARB foresees that the additional GHG emissions reductions in 2035 may be achieved from land use changes, transportation investment, and technology strategies (CARB 2018).

Butte County Association of Governments

The Butte County Association of Governments BCAG region, the 2024 RTP/SCS was adopted on December 12, 2024. In general, the SCS outlines a development pattern for the region that, when integrated with the transportation network and other transportation measures and policies, would reduce VMT from automobiles and light-duty trucks and thereby reduce GHG emissions from these sources. The 2024 RTP/SCS focuses on the continued efforts of the previous RTP/SCSs to integrate transportation and land-use strategies in the development of the BCAG region through the horizon year 2045 (BCAG 2024). It forecasts that the BCAG region will meet its GHG per-capita reduction targets of 7 percent by 2035 (BCAG 2024).

Transportation Sector Specific Regulations

Assembly Bill 1493

California vehicle GHG emission standards were enacted under AB 1493 (Pavley I). Pavley I is a clean-car standard that reduces GHG emissions from new passenger vehicles (light-duty auto to medium-duty vehicles) from 2009 through 2016 and is anticipated to reduce GHG emissions from new passenger vehicles by 30 percent in 2016. California implements the Pavley I standards through a waiver granted to California by the EPA. In 2012, the EPA issued a Final Rulemaking that sets even more stringent fuel economy and GHG emissions standards for model years 2017 through 2025 light-duty vehicles. (See also the discussion on the update to the Corporate Average Fuel Economy standards at the beginning of this Section 5.5.2 under "Federal.") In January 2012, CARB approved the Advanced Clean Cars program (formerly known as Pavley II) for model years 2017 through 2025. The program combines the control of smog, soot, and GHGs with requirements for greater numbers of ZE vehicles into a single package of standards. Under California's Advanced Clean Car program, by 2025 new automobiles will emit 34 percent less GHG emissions and 75 percent less smog-forming emissions.

Executive Order S-01-07

On January 18, 2007, the state set a new LCFS for transportation fuels sold in the state. Executive Order S-01-07 sets a declining standard for GHG emissions measured in CO_2e gram per unit of fuel energy sold in California. The LCFS required a reduction of 2.5 percent in the carbon intensity of California's transportation fuels by 2015 and a reduction of at least 10 percent by 2020. The standard applies to refiners, blenders, producers, and importers of transportation fuels, and uses market-based mechanisms to allow these providers to choose how they reduce emissions during the "fuel cycle" using the most economically feasible methods.

Executive Order B-16-2012

On March 23, 2012, the state identified that CARB, the California Energy Commission (CEC), the Public Utilities Commission, and other relevant agencies worked with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to accommodate ZE vehicles in major metropolitan areas, including infrastructure to support them (e.g., electric vehicle charging stations). The executive order also directed the number of ZE vehicles in California's state vehicle fleet to increase through the normal course of fleet replacement so that at least 10 percent of fleet purchases of light-duty vehicles are ZE by 2015 and at least 25 percent by 2020. The executive order also establishes a target for the transportation sector of reducing GHG emissions to 80 percent below 1990 levels.

Executive Order N-79-20

On September 23, 2020, Governor Newsom signed Executive Order N-79-20, whose goal is that 100 percent of in-state sales of new passenger cars and trucks will be ZE by 2035. Additionally, the fleet goals for trucks are that 100 percent of drayage trucks are ZE by 2035, and 100 percent of medium- and heavy-duty vehicles in the state are ZE by 2045, where feasible. The Executive Order's goal for the State is to transition to 100 percent ZE off-road vehicles and equipment by 2035, where feasible.

Renewables Portfolio: Carbon Neutrality Regulations

Senate Bills 1078, 107, and X1-2 and Executive Order S-14-08

A major component of California's Renewable Energy Program is the renewables portfolio standard established under Senate Bills 1078 (Sher) and 107 (Simitian). Under the RPS, certain retail sellers of electricity were required to increase the amount of renewable energy each year by at least 1 percent in order to reach at least 20 percent by December 30, 2010. Executive Order S-14-08, signed in November 2008, expanded the state's renewable energy standard to 33 percent renewable power by 2020. This standard was adopted by the legislature in 2011 (SB X1-2). Renewable sources of electricity include wind, small hydropower, solar, geothermal, biomass, and biogas. The increase in renewable sources for electricity production will decrease indirect GHG emissions from development projects because electricity production from renewable sources is generally considered carbon neutral.

Senate Bill 350

Senate Bill 350 (de Leon) was signed into law September 2015 and establishes tiered increases to the RPS—40 percent by 2024, 45 percent by 2027, and 50 percent by 2030. SB 350 also set a new goal to double the energy-efficiency savings in electricity and natural gas through energy efficiency and conservation measures.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100. Under SB 100, the RPS for public-owned facilities and retail sellers consist of 44 percent renewable energy by 2024, 52 percent by 2027, and 60 percent by 2030. SB 100 also established a new RPS requirement of 50 percent by 2026. Furthermore, the bill establishes an overall state policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of

all retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all state agencies by December 31, 2045. Under the bill, the state cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Energy Efficiency Regulations

California Building Code: Building Energy Efficiency Standards

Energy conservation standards for new residential and nonresidential buildings were adopted by the California Energy Resources Conservation and Development Commission (now the CEC) in June 1977 (Title 24, Part 6, of the California Code of Regulations [CCR]). Title 24 requires the design of building shells and building components to conserve energy. The standards are updated periodically to allow for consideration and possible incorporation of new energy efficiency technologies and methods.

On August 11, 2021, the CEC adopted the 2022 Building Energy Efficiency Standards, which were subsequently approved by the California Building Standards Commission in December 2021. The 2022 standards went into effect on January 1, 2023, replacing the existing 2019 standards. The 2022 standards would require mixed-fuel single-family homes to be electric-ready to accommodate replacement of gas appliances with electric appliances. In addition, the new standards also include prescriptive photovoltaic system and battery requirements for high-rise, multifamily buildings (i.e., more than three stories) and noncommercial buildings such as hotels, offices, medical offices, restaurants, retail stores, schools, warehouses, theaters, and convention centers (CEC 2021).

California Building Code: CALGreen

On July 17, 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (24 CCR, Part 11, known as "CALGreen") was adopted as part of the California Building Standards Code. CALGreen established planning and design standards for sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and internal air contaminants.[4] The mandatory provisions of CALGreen became effective January 1, 2011. In 2021, the CEC approved the 2022 CALGreen, which went into effect on January 1, 2023, replacing the existing 2019 standards.

2006 Appliance Efficiency Regulations

The 2006 Appliance Efficiency Regulations (20 CCR §§ 1601–1608) were adopted by the CEC on October 11, 2006, and approved by the California Office of Administrative Law on December 14, 2006. The regulations include standards for both federally regulated appliances and non–federally regulated appliances. Though these regulations are now often viewed as "business as usual," they exceed the standards imposed by all other states, and they reduce GHG emissions by reducing energy demand.

[4] The green building standards became mandatory in the 2010 edition of the code.

Solid Waste Diversion Regulations

AB 939: Integrated Waste Management Act of 1989

California's Integrated Waste Management Act of 1989 (AB 939, Public Resources Code §§ 40050 et seq.) set a requirement for cities and counties throughout the state to divert 50 percent of all solid waste from landfills by January 1, 2000, through source reduction, recycling, and composting. In 2008, the requirements were modified to reflect a per capita requirement rather than tonnage. To help achieve this, the act requires that each city and county prepare and submit a source reduction and recycling element. AB 939 also established the goal for all California counties to provide at least 15 years of ongoing landfill capacity.

AB 341

AB 341 (Chapter 476, Statutes of 2011) increased the statewide goal for waste diversion to 75 percent by 2020 and requires recycling of waste from commercial and multifamily residential land uses. Section 5.408 of CALGreen also requires that at least 65 percent of the nonhazardous construction and demolition waste from nonresidential construction operations be recycled and/or salvaged for reuse.

AB 1327

The California Solid Waste Reuse and Recycling Access Act (AB 1327, Public Resources Code §§ 42900 et seq.) requires areas to be set aside for collecting and loading recyclable materials in development projects. The act required the California Integrated Waste Management Board to develop a model ordinance for adoption by any local agency requiring adequate areas for collection and loading of recyclable materials as part of development projects. Local agencies are required to adopt the model or an ordinance of their own.

AB 1826

In October of 2014, Governor Brown signed AB 1826 requiring businesses to recycle their organic waste on and after April 1, 2016, depending on the amount of waste they generate per week. This law also requires that on and after January 1, 2016, local jurisdictions across the state implement an organic waste recycling program to divert organic waste generated by businesses and multifamily residential dwellings with five or more units. Organic waste means food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed with food waste.

Water Efficiency Regulations

SBX7-7

The 20x2020 Water Conservation Plan was issued by the Department of Water Resources (DWR) in 2010 pursuant to Senate Bill 7, which was adopted during the 7th Extraordinary Session of 2009–2010 and therefore dubbed "SBX7-7." SBX7-7 mandated urban water conservation and authorized the DWR to prepare a plan implementing urban water conservation requirements (20x2020 Water Conservation Plan). In addition, it required agricultural water providers to prepare agricultural water management plans, measure water deliveries to customers, and implement other efficiency measures. SBX7-7 required urban water providers to adopt a water conservation target of 20 percent reduction in urban per capita water use by 2020 compared to 2005 baseline use.

AB 1881: Water Conservation in Landscaping Act

The Water Conservation in Landscaping Act of 2006 (AB 1881) requires local agencies to adopt the updated DWR model ordinance or an equivalent. AB 1881 also requires the CEC to consult with the DWR to adopt, by regulation, performance standards and labeling requirements for landscape irrigation equipment, including irrigation controllers, moisture sensors, emission devices, and valves to reduce the wasteful, uneconomic, inefficient, or unnecessary consumption of energy or water.

Short-Lived Climate Pollutant Reduction Strategy

Senate Bill 1383

On September 19, 2016, the Governor signed SB 1383 to supplement the GHG reduction strategies in the Scoping Plan to consider short-lived climate pollutants, including black carbon and CH_4. Black carbon is the light-absorbing component of fine particulate matter produced during the incomplete combustion of fuels. SB 1383 required the state board, no later than January 1, 2018, to approve and begin implementing a comprehensive strategy to reduce emissions of short-lived climate pollutants to achieve a reduction in methane by 40 percent, hydrofluorocarbon gases by 40 percent, and anthropogenic black carbon by 50 percent below 2013 levels by 2030. The bill also established targets for reducing organic waste in landfills. On March 14, 2017, CARB adopted the Short-Lived Climate Pollutant Reduction Strategy, which identifies the state's approach to reducing anthropogenic and biogenic sources of short-lived climate pollutants. Anthropogenic sources of black carbon include on- and off-road transportation, residential wood burning, fuel combustion (charbroiling), and industrial processes. According to CARB, ambient levels of black carbon in California are 90 percent lower than in the early 1960s, despite the tripling of diesel fuel use (CARB 2017). In-use on-road rules were expected to reduce black carbon emissions from on-road sources by 80 percent between 2000 and 2020.

CALIFORNIA'S GREENHOUSE GAS SOURCES AND RELATIVE CONTRIBUTION

In 2022, the statewide GHG emissions inventory was updated for 2000 to 2020 emissions using the GWPs in IPCC's AR4, and reported that California produced 369.2 $MMTCO_2e$ GHG emissions in 2020 (CARB 2022b), which was 35.3 $MMTCO_2e$ lower than 2019 levels and 61.8 $MMTCO_2e$ below the 2020 GHG Limit of 431 $MMTCO_2e$. The 2019 to 2020 decrease in emissions is likely due in large part to the impacts of the COVID-19 pandemic. However, since the peak level in 2004, California's GHG emissions have generally followed a decreasing trend. In 2014, statewide GHG emissions dropped below the 2020 GHG Limit and have remained below the Limit since that time. Per capita GHG emissions in California have dropped from a 2001 peak of 13.8 metric tons per person to 9.3 metric tons per person in 2020, a 33-percent decrease (CARB 2022b).

California's transportation sector remains the largest generator of GHG emissions, producing 37 percent of the state's total emissions in 2020. Industrial sector emissions made up 20 percent and electric power generation made up 16 percent of the state's emissions inventory. Other major sectors of GHG emissions include commercial and residential (4 percent), agriculture and forestry (8.6 percent), high-GWP gases (5.8 percent), and recycling and waste (2 percent) (CARB 2022b).

Transportation emissions continued to decline for the past three consecutive years with the rise of fuel efficiency for the passenger vehicle fleet and an increase in battery electric vehicles. The deployment of

renewable and less carbon-intensive resources and higher energy efficiency standards have facilitated the continuing decline in fossil fuel electricity generation. The industrial sector trend has been relatively flat in recent years but saw a decrease of 7.1 $MMTCO_2e$ in 2020. Commercial and residential emissions saw a decrease of 1.7 $MMTCO_2e$. Emissions from high-GWP gases have continued to increase as they replace ozone depleting substance (ODS) that are being phased out under the 1987 Montreal Protocol. Emissions from other sectors have remained relatively constant in recent years. Overall trends in the inventory also continue to demonstrate that the carbon intensity of California's economy (i.e., the amount of carbon pollution per million dollars of gross domestic product [GDP]) is declining. From 2000 to 2020, the carbon intensity of California's economy decreased by 49 percent while the GDP increased by 56 percent (CARB 2022b).

Thresholds of Significance

The CEQA Guidelines recommend that a lead agency consider the following when assessing the significance of impacts from GHG emissions on the environment:

1. The extent to which the project may increase (or reduce) GHG emissions as compared to the existing environmental setting;

2. Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project;

3. The extent to which the project complies with regulations or requirements adopted to implement an adopted statewide, regional, or local plan for the reduction or mitigation of GHG emissions.[5]

BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT

The BCAQMD does not have any adopted numerical thresholds of significance for GHG emissions. The BCAQMD, however, recommends that all projects subject to CEQA review be considered in the context of GHG emissions and climate change impacts, and that CEQA documents include a quantification of GHG emissions from all project sources, as well as including measures to minimize and mitigate GHG emissions as feasible. However, projects that are consistent with an approved GHG Emissions Reduction Plan are considered to have a less than significant impact upon global climate change and, unless modeling indicates otherwise, would not require further analysis. The Town of Paradise has not adopted a qualified emissions reductions plan. For the purposes of the analysis in the IS/MND, the proposed project is evaluated for impacts related to GHG emissions in accordance with the CARB 2022 Scoping Plan Update, which provides examples of key project attributes that could be considered to assess a project's compliance with the State's 2030 GHG emissions reductions goals.

[5] The Governor's Office of Planning and Research recommendations include a requirement that such a plan must be adopted through a public review process and include specific requirements that reduce or mitigate the project's incremental contribution of GHG emissions. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable, notwithstanding compliance with the adopted regulations or requirements, an EIR must be prepared for the project.

2022 SCOPING PLAN CONSISTENCY

Because BCAQMD has not established numeric significance criteria for GHG emissions, an alternative approach to use of the performance metric shall be used to evaluate impacts to GHG emissions per CEQA Guidelines Section 15064.4(a) that directs that GHG emissions be either (1) quantified or (2) described using a qualitative analysis or performance-based standards. The Best Management Practices (BMPs) approach, based on 2022 Scoping Plan, requires a project to evaluate consistency of the project with three primary objectives of the 2022 Scoping Plan: transportation electrification, VMT reduction, and building decarbonization. In accordance with the updated BMP approach to evaluating GHG impacts, projects would be determined to have less than significant impacts if they are: 1) determined consistent with a local qualified GHG reduction strategy (i.e., Climate Action Plan) via CEQA Guidelines Section 15183.5, or 2) designed to be 100 percent electric (no natural gas), provide electric vehicle charging spaces in conformance with the voluntary Tier 2 standards of the California Green Building Standards Code (CALGreen), and are consistent with locally adopted VMT thresholds.

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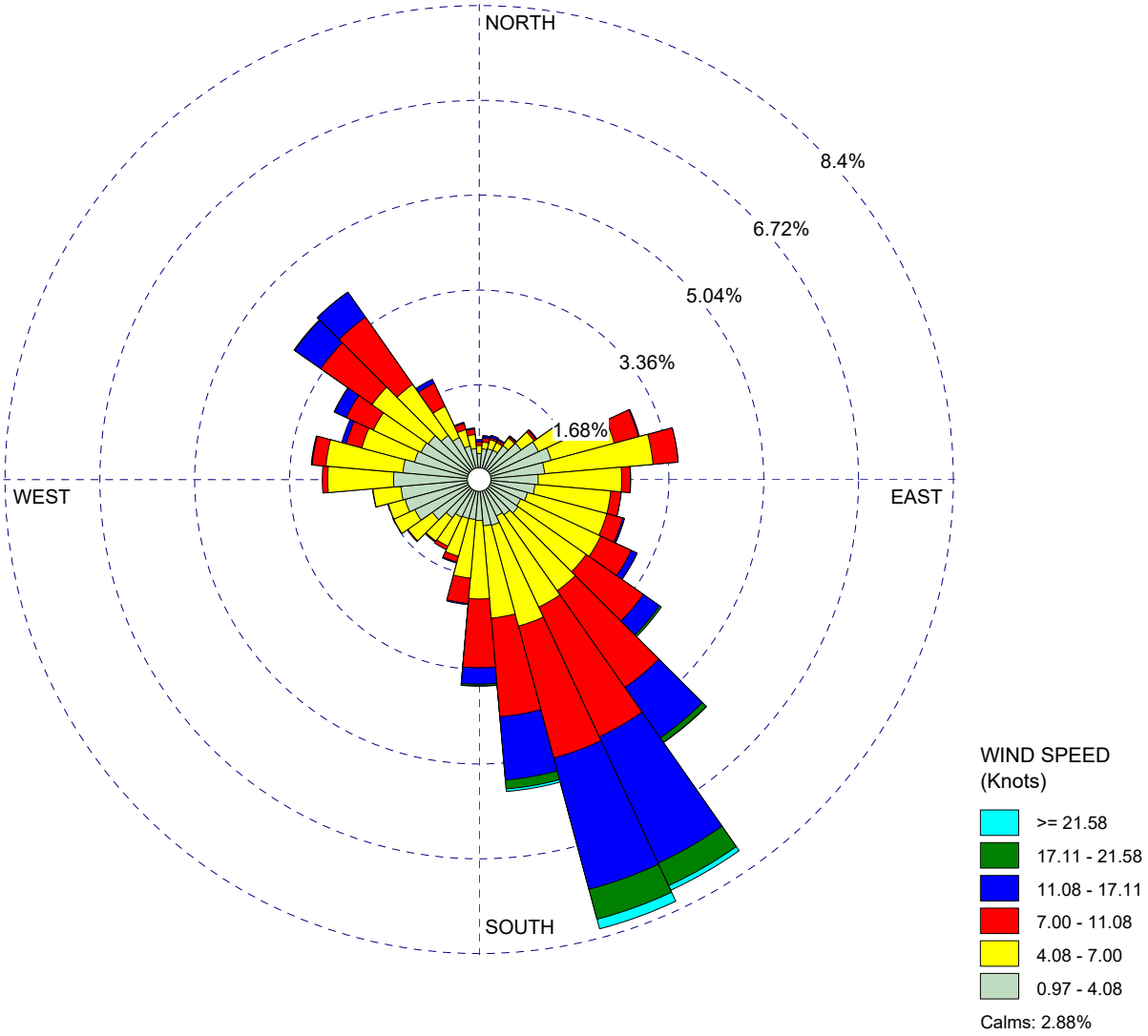
Figure 1 Wind Rose Map

WIND ROSE PLOT:

Station #93210

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD: **Start Date: 1/1/2016 - 00:00** **End Date: 12/31/2021 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **2.88%**	TOTAL COUNT: **43234 hrs.**	
	AVG. WIND SPEED: **6.08 Knots**	DATE: **5/1/2025**	PROJECT NO.:

Appendix B Biological Resources Evaluation

Appendix

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BIOLOGICAL RESOURCE EVALUATION
FOR
PARADISE HIGH SCHOOL EXPANSION PROJECT AT 1023 ELLIOTT ROAD
CITY OF PARADISE,
BUTTE COUNTY, CALIFORNIA

Prepared for:

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HANA RESOURCES™
Environmental Enterprise Solutions

February 14, 2025

CERTIFICATION STATEMENT

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this report, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

February 14, 2025	Sloane Sanchez
Date	**Sloane Sanchez** Senior Biologist
February 14, 2025	Candace Reynolds
Date	**Candace Reynolds** Senior Biologist
February 14, 2025	R. Austin Isakson
Date	**R. Austin Isakson** Associate Biologist

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SECTION 1. INTRODUCTION

HANA Resources, Inc. (HANA) was retained by PlaceWorks to prepare this Biological Resources Evaluation (BRE) Report for the proposed Project. Following completion of the reconnaissance-level biological evaluation, HANA prepared this BRE that: 1) summarized existing conditions; 2) assessed the potential presence of sensitive biological resources; 3) analyzed the potential impacts on those resources from project development; 4) recommended, as appropriate, best management practices (BMPs), avoidance and protection measures, and mitigation measures to avoid, eliminate and/or reduce environmental impacts to less than significant levels; and 5) identified biological permits or approvals that the project may need. The BRE includes: 1) methods and results of the literature review and field surveys; 2) figures depicting the size and location of plant communities and other sensitive biological resources; 3) a complete flora and fauna compendium; and 4) site photographs.

1.1. SITE LOCATION

The site is located at 1023 Elliott Road in the City of Paradise, Butte County, CA and covers approximately 1.94-acres (**Exhibit I,** *Project Location Map*). The parcel lies northwest of the intersection of Elliott Road and Clark Road and is on the APN 053-110-070-000 (**Exhibit II,** *Project Area*). The site is located on the United States Geological Survey (USGS) Paradise East Quadrangle, 7.5-Minute Topographic map. The surface elevation of the site ranges from approximately 1805 to 1838 feet above mean sea level (MSL). The site is located within Section 14 in Township 22 North-Range 3 East, Mt. Diablo Meridian.

1.2. PROJECT DESCRIPTION

The proposed project is for the construction of a barn that will house animals and offer learning opportunities for students of the district. This project will also likely include grading operations, construction of retaining walls, wet/dry utilities, street work, landscaping, and flatwork.

Exhibit I: Project Location Map

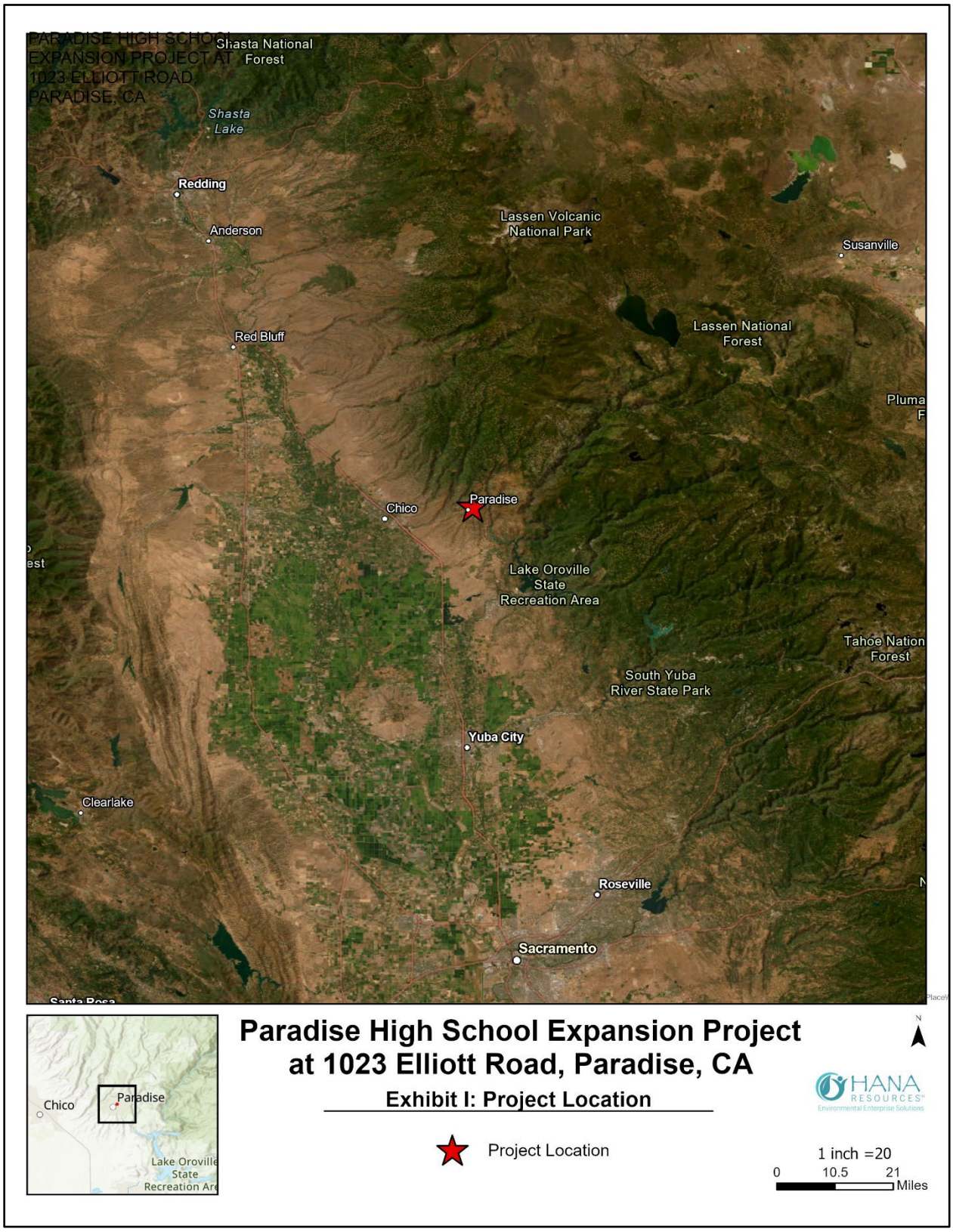
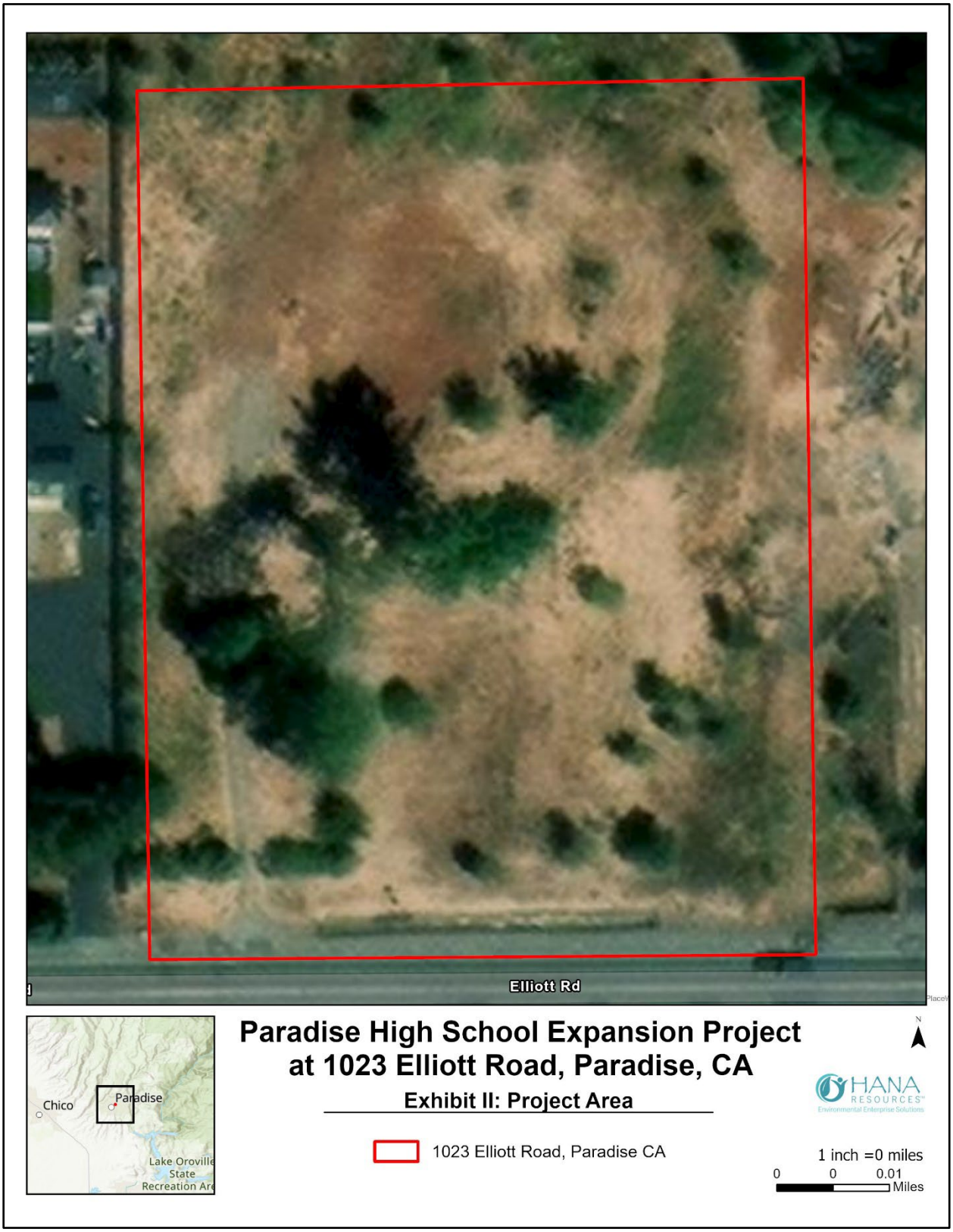


Exhibit II: Project Area



SECTION 2. REGULATORY OVERVIEW

2.1. Federal Statutes, Regulations and Executive Orders

Endangered Species Act (ESA)

The federal Endangered Species Act of 1973 (Title 16, United States Code [U.S.C.] §§ 1531-1543) (ESA), as amended, designates and provides for protection of listed threatened and endangered plant and animal species, and their critical habitat. The US Fish and Wildlife Service (USFWS), in the Department of the Interior, and the National Oceanic and Atmospheric Administration's National Marine Fisheries Service (NMFS), in the Department of Commerce, share responsibility for administration of the ESA. These responsibilities include listing and delisting species, designating critical habitat, and formulating recovery plans. The USFWS has primary responsibility for terrestrial and freshwater organisms, while the responsibilities of NMFS are mainly marine wildlife.

Section 9 (Prohibited Acts)

Once a species is listed, section 9 of the ESA makes it unlawful for any person, including private and public entities, to "take" species listed as endangered or without a permit issued pursuant to section 10 or an incidental take statement issued pursuant to section 7. Section 9 defines "take" as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect or attempt to engage in any such conduct." The term "harm" is defined as "an act which actually kills or injures wildlife. Such an act may include substantial habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or sheltering."

ESA section 9's take prohibitions apply to listed wildlife and fish species, but not to plants. Endangered plants are not protected from take, although it is unlawful to remove, possess, or maliciously damage or destroy them on federal lands. Removing or damaging listed plants on state and private lands in knowing violation of state law, or in the course of violating a state criminal trespass law, also is illegal under the ESA.

Section 10 (Incidental Take Permits and Habitat Conservation Plans)

An incidental take permit pursuant to section 10(a)(1)(B) is required when non-Federal, otherwise lawful activities, including lawful project development, will result in take of threatened or endangered wildlife. Under this provision, the USFWS and/or NMFS may, where appropriate, authorize the taking of federally listed wildlife or fish if such taking occurs incidentally during otherwise legal activities. Section 10(a)(2)(B) requires an application for an incidental take permit to include a Habitat Conservation Plan (HCP). The purpose of the habitat conservation planning process associated with the permit is to ensure there is adequate avoidance, minimization and mitigation measures to address the effects of the authorized incidental take. Section 10 provides a clear regulatory mechanism to permit the incidental take of federally listed fish and wildlife species by private interests and non-Federal governmental agencies.

Migratory Bird Treaty Act (MBTA)

The Migratory Bird Treaty Act (MBTA) of 1918 (Title 16, U.S.C. sections 703 - 712), as amended, implements various treaties and conventions between the United States (U.S.) and Canada, Japan, Mexico and the former Soviet Union for the protection of migratory birds. The MBTA makes it unlawful to pursue, hunt, take, capture, kill, possess, sell, purchase, barter, import, export, or transport any migratory bird, or any part, nest, or egg or any such bird, unless authorized under a permit issued by the Secretary of the

Interior. Some regulatory exceptions apply. Take is defined in regulations implementing the MBTA as "to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to carry out these activities." The MBTA prohibits the collection and destruction of a migratory bird, its nest, and birds or eggs contained in the nest. The USFWS' Migratory Bird Permit Memorandum (MBPM-2) dated April 15, 2003, clarifies that destruction of most unoccupied bird nests is permissible under the MBTA; exceptions include nests of federally listed threatened or endangered migratory birds, bald eagles, and golden eagles. Take under the MBTA does not include habitat destruction or alteration, as long as there is not a direct taking of birds, nests, eggs, or parts thereof. The USFWS has statutory authority and responsibility for enforcing the MBTA.

Bald and Golden Eagle Protection Act

The Bald and Golden Eagle Protection Act (16 USC Section 668) provides for the protection of the bald eagle (the national emblem) and the golden eagle by prohibiting, except under certain specified conditions, the taking, possession and commerce of such birds. If compatible with the preservation of bald and golden eagles, the Secretary of the Interior may permit the taking, possession and transportation of bald and golden eagles and nests for scientific or religious purposes, or for the protection of wildlife, agricultural or other interests. The Secretary of the Interior may authorize the take of golden eagle nests, which interfere with resource development or recovery operations. Bald eagles may not be taken for any purpose unless the Secretary issues a permit prior to the taking.

Clean Water Act (CWA)

The federal Clean Water Act (33 U.S.C. §§ 1251-1376) (CWA) is the principal federal law governing pollution control and water quality of the nation's waterways. It establishes the basic structure for regulating discharges of pollutants into "Waters of the United States" (Waters of the U.S.) and for regulating water quality and establishing water quality standards for surface waters. Sections 401, 402, and 404 of the CWA are pertinent to surface and coastal, Waters of the U.S. For purposes of Section 404 permitting under the CWA, "Waters of the U.S.", are comprised of those wetland and non-wetland bodies of water that meet the criteria set forth in 33 Code of Federal Regulations (CFR) § 328.3, as interpreted by a number of court opinions and guidance, including Solid Waste Agency of Northern Cook County (SWANCC) v. U.S. Army Corps of Engineers, 531 U.S. 159 (2001) (SWANCC), consolidated cases Rapanos v. United States (Rapanos), and Carabell v. United States (Carabell), 547 U.S. 715 (2006), and joint guidance issued by USACE and United States Environmental Protection Agency (EPA) in light of judicial decisions, including the joint guidance memorandum regarding Clean Water Act Jurisdiction Following the U.S. Supreme Court's Decision in Rapanos v. United States and Carabell v. United States (December 12, 2008)(2008 Regulatory Guidance).

Section 404 – Discharge of Dredge and Fill Requirements

Section 404 of the CWA establishes a program to regulate the discharge of dredged or fill material into Waters of the U.S. The USACE implementing regulations define "dredged material" as material that is excavated or dredged from Waters of the U.S. The CWA implementing regulations define "fill material" as material placed in Waters of the U.S. where the material has the impact of either replacing any portion of Waters of the U.S. with dry land or changing the bottom elevation of any portion of a Waters of the U.S. Examples include discharges of rock, sand, soil, clay, plastics, construction debris, wood chips, overburden from mining or other excavation activities, and materials used to create any structure or infrastructure for development projects in Waters of the U.S.

Section 401 – Water Quality Certification

Although the CWA is a federal law, Section 401 of that law recognizes that states have the primary

authority and responsibility for setting surface water quality standards and requires the U.S. Army Corps of Engineers to obtain a state certification that their permits for discharge or dredge and fill material do not violate state water quality standards. Section 401 of the CWA requires every applicant for a Section 404 permit resulting in any discharge of dredge or fill material into Waters of the U.S. to provide a certification that any discharges will comply with the applicable state water quality standards set pursuant to the CWA and applicable state law.

2.2. State Statutes and Regulations

California Endangered Species Act (CESA)

The California Endangered Species Act (CESA) (California Fish and Game Code § 2050 et seq.) was enacted in 1984 to parallel the federal ESA and allows the Fish and Game Commission to designate species, including plants, as "threatened" or "endangered." The CESA states that all native species of fishes, amphibians, reptiles, birds, mammals, and plants, and their habitats, threatened with extinction and those experiencing a significant decline which, if not halted, would lead to a threatened or endangered designation, will be protected or preserved. Unlike the ESA, the CESA does not include listing provisions for invertebrate species.

CESA makes it illegal to import, export, take, possess, purchase, sell, or attempt to do any of those actions to species that are designated as threatened, endangered, or candidates for listing, unless permitted by CDFW. Section 2080 of the California Fish and Game Code prohibits take of any species that the Commission determines to be an endangered species or a threatened species. "Take" is defined in section 86 of the California Fish and Game Code as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill."

Under section 2081 of CESA, CDFW may permit take or possession of threatened, endangered, or candidate species for scientific, educational, or management purposes, and may also permit take of these species that is incidental to otherwise lawful activities if certain conditions are met. Some of the conditions for issuance of permits allowing incidental take are that the adverse effects of the take must be minimized and fully mitigated, adequate funding must be ensured for implementation of identified mitigation, and that the activity shall not jeopardize the continued existence of the listed species. CESA emphasizes early consultation to avoid potential impacts on candidate and listed endangered and threatened species, and to develop appropriate mitigation to offset project caused losses of listed species populations and their essential habitats.

California Fish and Game Code §§ 1600-1616

Pursuant to §§ 1600–1616 of the California Fish and Game Code, the CDFW regulates all substantial diversions, obstructions, or changes to the natural flow or the bed, channel, or bank of any river, stream, or lake, which provides habitat and supports fish or wildlife. CDFW defines a "stream" (including creeks and rivers) as "a body of water that flows at least periodically or intermittently through a bed or channel having banks and supports fish or other aquatic life. This includes watercourses having surface or subsurface flow that supports or has supported riparian vegetation" (California Code of Regulations, Title 14, Division 1, Subdivision 1, Chapter 1, § 1.72). "Bank" means the slope or elevation of land that bounds the bed of the stream in a permanent or longstanding way, and that confines the stream water up to its highest level. "Lake" includes "natural lakes or man-made reservoirs."

Rivers, streams, lakes, and riparian vegetation that provide habitat for fish and wildlife species are subject to jurisdiction by the CDFW under §§ 1600-1616 of the California Fish and Game Code. Riparian areas are

lands adjacent to streams, lakes, and estuarine-marine shorelines. Section 2785(e) defines "riparian habitat" as lands which contain habitat which grows close to and which depends upon soil moisture from a nearby freshwater source. CDFW regulates the bed, bank to bank, as well as associated riparian vegetation, and fish and wildlife resources. CDFW has interpreted jurisdictional boundaries to be defined by the tops of stream banks (i.e., the limit of stream influence) and/or the limit of the canopy of riparian vegetation (outer drip line) that is hydrologically connected to river, stream, or lake, whichever is greatest. As a result, the area of CDFW jurisdiction is usually greater than the active channel and overlaps and extends beyond the USACE jurisdiction. Isolated wetlands not associated with a river, stream or lake are not protected under §§ 1600 et seq. of the California Fish and Game Code. In addition, CDFW does not have regulatory authority on Tribal Lands.

2.3. Regional and Local Ordinances, Plans and Policies

Paradise Municipal Code Chapter 8.12 Felling, Removal, Destruction, Damaging, % Replacement of Trees

This city code requires applying for a permit to fell or remove a qualified tree defined as any living woody perennial plant characterized as having one or more main stems, or trunk, with one stem or trunk measuring either thirty-one (31) inches or greater in circumference or ten (10) inches or greater in diameter at breast height (dbh). All tree measurements shall be taken at breast height, defined as four (4) feet, six (6) inches above natural grade as measured on the uphill side of the tree. A tree felling permit may be issued for a variety of reasons listed

8.12.090 Felling of Trees

Felling of trees and includes trees that interfere with the construction and establishment of a town authorized structure or structure addition, driveway, parking lot or area, walkway, patio, swimming pool or deck, or interferes with the construction of private or public access and/or drainage improvements. This also includes trees located within an area to be graded or filled as approved by the town. Reasonable conditions may also be placed upon the issuance of a tree felling permit.

8.12.100 Damage to Trees

It is unlawful for any person to cause damage to a qualifying tree. This includes willfully face-cutting, girdle, or otherwise fatally injuring a qualifying tree unless a valid tree felling permit is issued. Additionally, no person shall trench, excavate, alter the grade, place impervious surfacing, or cause mechanical damage to the root zone within an area comprising more than fifty (50) percent of the dripline area prior to a tree felling permit being issued.

8.12.110 Protection of Trees During Construction.

All development shall be designed with construction activities conducted in a manner that considers the retention and protection of existing trees. Further no tree felling permit shall be issued new commercial, community services, industrial, or residential construction until any required septic system construction permits have been issued and any required building permits have been filed with the town. Additionally, no tree felling permits will be issued to accommodate the construction of roads, drainages, or site improvements until any required improvement plans have been approved and signed by the town engineer. During construction, all trees that are not to be removed shall be protected from damage by equipment used during construction.

Any permit application filed with town officials proposing the felling of a total of nine (9) or more qualifying

trees from a single legal parcel within a twelve (12) consecutive month period shall contain a written explanation by a tree expert under penalty of perjury that the qualifying tree or trees must be felled based on circumstances for felling and/or removal under Section 8.12.090 of this chapter.

SECTION 3. METHODOLOGY

3.1. LITERATURE REVIEW

Prior to performing the field surveys, a desktop literature review was performed to review existing documentation relevant to the Biological Study Area (BSA). The BSA is defined as the site and a 500-foot buffer zone outside of but contiguous with the site. The most recent records of the Information for Planning and Consultation (IPaC) database, managed by the U.S. Fish and Wildlife Service (USFWS 2025); California Natural Diversity Database (CNDDB), managed by the California Department of Fish and Wildlife (CDFW 2025); and the California Native Plant Society's Electronic Inventory of Rare and Endangered Vascular Plants of California (CNPS 2025) were reviewed for the quadrangles containing (i.e., Paradise East, California USGS 7.5 minute quadrangles) and surrounding the Survey Area (i.e., Paradise West, Cohasset, Stirling City, Kimshew Point, Pulga, Berry Creek, Cherokee, and Hamlin Canyon; California USGS 7.5 minute quadrangles). These databases contain records of reported occurrences of federal- or state-listed as endangered or threatened species, proposed endangered or threatened species, former Federal Special of Concern (FSC), California Species of Special Concern (CSC), or otherwise special-status species or sensitive habitat that may occur within or in the immediate vicinity of the BSA.

3.2. SOILS

Soil maps for the site were referenced online to determine the types of soil found on the site from the USDA Natural Resources Conservation Service (NRCS) Web Soil Survey (USDA 2025). Soils are determined in accordance with categories set forth by the U.S. Department of Agriculture (USDA) Soil Conservation Service and by referencing the USDA Natural Resources Conservation Service (NRCS) Web Soil Survey (USDA 2025).

3.3. WETLANDS

The project boundary and its 500-foot buffer were referenced online to determine presence or absence of wetlands through USFWS's Natural Wetland Inventory (NWI) Wetland Mapper (USFWS 2025). The USFWS is the principal federal agency tasked with monitoring and providing information on the extent, status, characteristics, and functions of the country's wetlands, deepwater, and other aquatic habitats (USFWS 2025). This inventory follows the national standard definition of wetlands as outlined in Cowardin et al. 2nd edition (2013). Wetlands are then categorized based upon landscape, substrate, vegetation cover, and hydrologic regime and is known as the Cowardin system (Cowardin et al. 2013).

3.4. POTENTIAL FOR OCCURRENCE

3.4.1. Criteria

A vegetation community or special-status species is considered to potentially occur in a BSA if its known geographic range includes part of the BSA or an adjacent USGS 7.5-minute quadrangle and/or if the general habitat or environmental conditions (e.g., soil type, etc.) required for the species are present. The criteria for evaluating the potential for occurrence (PFO) on a site is presented in **Table 1**, *Criteria for Evaluating Special-Status Species Occurrences*.

Table 1. Criteria for Evaluating Special-Status Species Occurrences

Potential for Occurrence	Criteria
Absent	Species was not observed during focused surveys conducted at an appropriate time for identification of the species, or species is restricted to habitats or environmental conditions that do not occur within the site.
Low	Historical records for this species do not exist within the immediate vicinity of the site (approximately 5-miles), and/or habitats or environmental conditions needed to support the species are of poor quality.
Moderate	Either a historical record exists of the species within the immediate vicinity of the site (approximately 5-miles) and marginal habitat exists on the site, or the habitat requirements or environmental conditions associated with the species occur within the site, but no historical records exist within 5-miles of the site.
High	Both a historical record exists of the species within the site or its immediate vicinity (approximately 5-miles), and the habitat requirements and environmental conditions associated with the species occur within the site.
Present	Species was detected within the site at the time of the survey.

3.4.2. Status Codes

A list of abbreviations used to help determine the significance of biological resources potentially occurring in the BSA is provided in **Table 2**, *Abbreviations for Federal- and State-listed Special-status Species*.

Table 2. Abbreviations for Federal- and State-listed Special-status Species

Designation	Abbreviation	Explanation
Federal	**FE**	Federally listed; Endangered
	FT	Federally listed; Threatened
	FC	Federal Candidate for listing
	BGEPA	Bald and Golden Eagle Protection Act
State	**SE**	State listed; Endangered
	ST	State listed; Threatened
	SC-T	State Candidate for Threatened listing
	SC-E	State Candidate for Endangered listing
	RARE	State listed; Rare (Listed “Rare” animals have been re-designated as Threatened, but Rare plants have retained the Rare designation.)
	SC-RARE	State Candidate for Rare listing
	SSC	State Species of Special Concern
	SNC	State Natural Communities rarity ranking: 1-3 are considered sensitive, R is Rare
	BCC	Bird of Conservation Concern
CNPS CRPR	**List 1A**	Plants presumed to Extinct in California
	List 1B	Plants Rare and Endangered in California and throughout their range
	List 2	Plants Rare, Threatened or Endangered in California but more common elsewhere in their range
	List 3	Plants about which we need more information; a review list
	List 4	Plants of limited distribution; a watch list
CNPS CRPR Extensions	**0.1**	Seriously Endangered in California (greater than 80 percent of occurrences threatened/high degree and immediacy of threat)
	0.2	Fairly Endangered in California (20-80 percent of occurrences threatened)
	0.3	Not Very Endangered in California (less than 20 percent of occurrences threatened)

3.5. BIOLOGICAL RECONNAISSANCE-LEVEL SURVEY

The field survey was conducted in the BSA to identify any potential for occurrence of sensitive species, vegetation communities, or habitats to support sensitive wildlife species. This also includes vegetation mapping, plant identification, and opportunistic wildlife surveys. The survey was conducted by HANA Senior Biologist, Candace Reynolds on foot between 0725 and 1025 hours on February 9, 2025. Photographs of the BSA were recorded to document existing conditions (**Appendix A,** *Site Photographs*). Weather conditions during the survey included temperatures ranging from approximately 44 to 51 degrees Fahrenheit, 0 percent cloud cover, no precipitation, and varying wind speeds of 6-9 mph. The Biological Reconnaissance Survey Field Forms can be found in **Appendix B**, *Biological Reconnaissance Survey Field Forms*.

3.5.1. Vegetation

Plant communities in the BSA were identified, qualitatively described, and mapped onto an aerial photograph. Plant communities were determined in accordance with the categories set forth in Holland (1986) or Sawyer et al. (2009). Plant nomenclature follows that of *The Jepson Manual: Higher Plants of California* (Hickman 2012, Jepson 2025). A comprehensive list of the plant species observed during the survey is presented in **Appendix C**, *Plant & Wildlife Species Observed/Detected Onsite*.

3.5.2. Wildlife

All wildlife and wildlife signs observed and detected, including tracks, scat, carcasses, burrows, excavations, and vocalizations, were recorded. Additional survey time was spent in those habitats most likely to be utilized by wildlife (undisturbed native habitat, wildlife trails, etc.) or in habitats with the potential to support state- and/or federal-listed or proposed listed species. Notes were made on the general habitat types, species observed, and the conditions of the site. A list of the wildlife species observed during the site visit is included as **Appendix C**, *Plant & Wildlife Species Observed/Detected Onsite*.

3.5.3. USACE, SWRQCB, and CDFG Preliminary Jurisdictional Assessment

Prior to beginning the field preliminary delineation, a 50-foot-to-the-inch scaled topographic map, scaled aerial photograph, and the Paradise East 7.5-minute USGS topographic quadrangle map were examined to determine the locations of potential areas of U.S. Army Corps of Engineers (USACE), California State Water Resources Quality Control Board (SWRQCB), and/or California Department of Fish and Game (CDFG) jurisdiction. HANA biologists examined the BSA to identify potential USACE jurisdiction pursuant to Section 404 and 401 of the Clean Water Act and CDFG jurisdiction pursuant to Section 1602 of the State of California Fish and Game Code. No jurisdictional drainages/areas were found onsite.

SECTION 4. RESULTS

4.1. LITERATURE REVIEW

4.1.1. Soils

After review of the USDA Natural Resources Conservation Service (NRCS) Web Soil Survey (USDA 2025) (**Appendix D**, *USDA Natural Resources Conservation Service Web Soil Survey*), it was determined that the BSA is composed of the following soil type:

829 – Paradiso loam, 2 to 15 percent slopes
The Paradiso loam has a mean annual precipitation of 35 to 73 inches and mean annual air temperature of 54 to 59°F. The soils can be found at elevations of 1220 to 3730 feet. The Paradiso loam is comprised of slightly decomposed plant material, loam, clay loam, and clay. The parent material is clayey residuum weathered from volcanic rock. The soil is well drained and has medium runoff potential. The soil is not hydric.

4.1.2. Wetlands

After review of the USFWS National Wetland Inventory's Wetland Mapper, it was determined that a single wetland occurred within the BSA with a side drainage later identified during the site survey. The wetland identified during literature review is an urbanized stream just east of the property that drains south, nearly meeting the southeastern corner where it meets a concrete drainage and flows under Elliott Road, popping out the other side and continuing to flow south (**Exhibit III**, *Wetlands*). This wetland is classified as R4SBC and is described as follows:

Riverine (R): This wetland is contained within a channel, which is an open conduit that periodically or continuously moves water and can be either naturally forming or man-made.

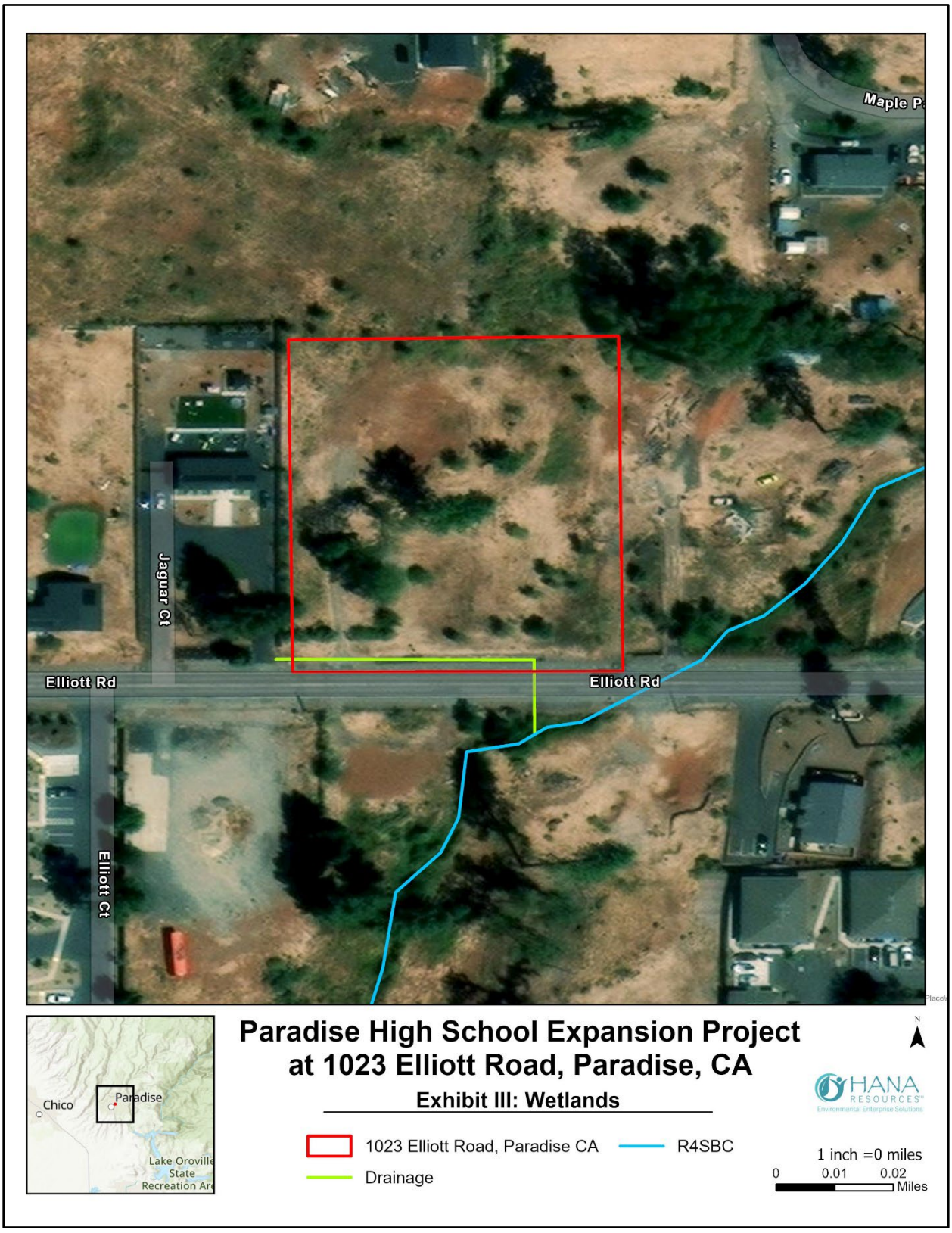
Intermittent Flow (4): This wetland contains flowing water for only part of the year. When water is not flowing, surface water may be present in isolated pools or absent entirely.

Streambed (SB): This is an obligate classification to wetlands classified as R4 and further denotes that the wetland contains flowing water periodically.

Seasonally Flooded (C): Surface water is present during the growing season and typically gone by the end of the growing season. When surface water is absent, soil saturation may vary in saturation levels and length of saturation between years.

The side drainage identified during the survey is a concrete drainage that runs east to west, parallel to Elliott Road. This gathers runoff from the property and surrounding property and diverts this runoff towards the above identified wetland.

Exhibit III. Wetlands



4.2. POTENTIAL FOR OCCURRENCE

A map of the CNDDB database occurrences is included in **Exhibit IV,** *Special-Status Species within 5 Miles of Site Location.*

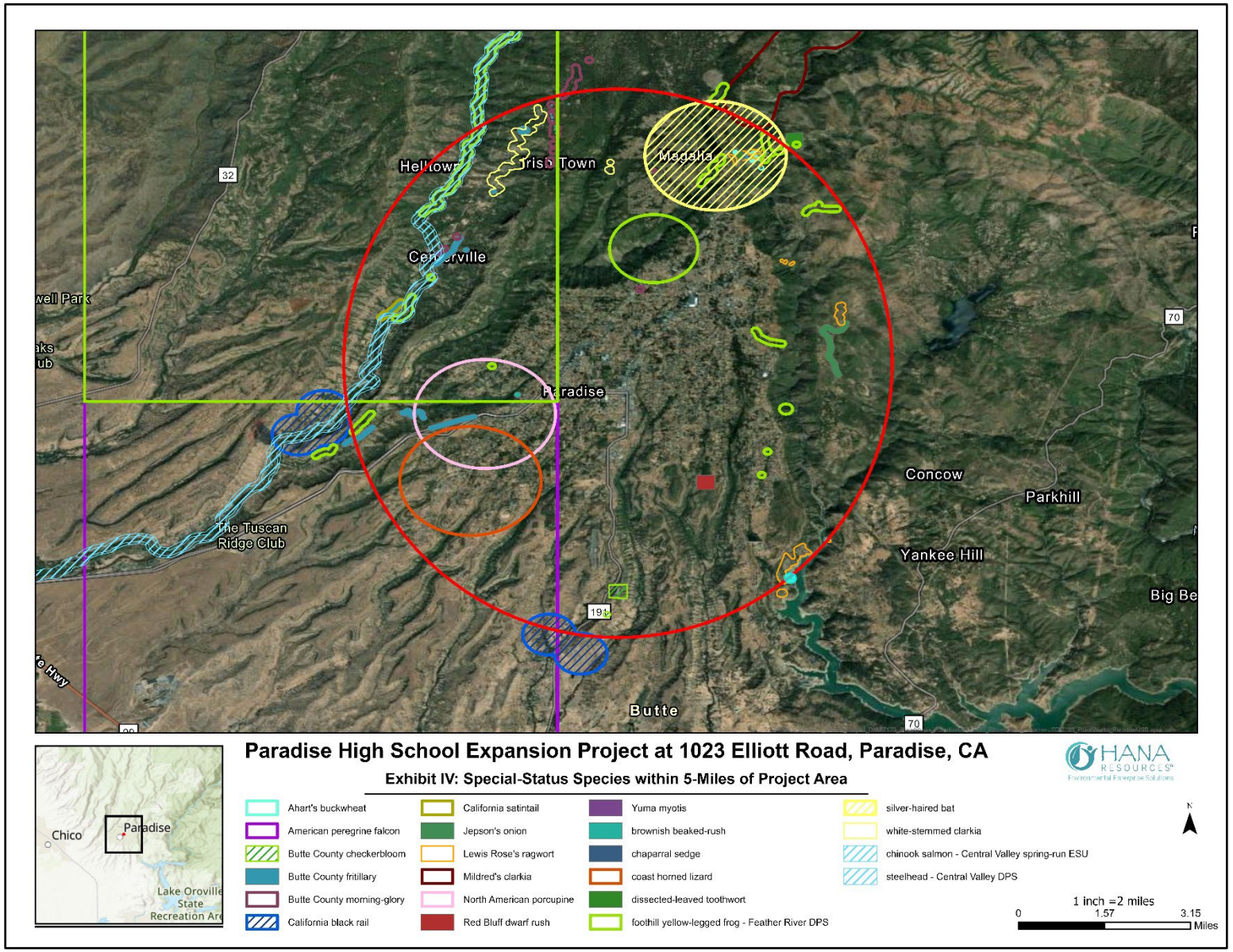
4.2.1. Vegetation

Vegetation

Sensitive natural communities are communities that are of limited distribution statewide or within a county or region and are often vulnerable. These communities may or may not contain special-status plants or their habitat.

The literature review found no sensitive vegetation communities within the five-mile area.

Exhibit IIV: Special-Status Species within 5 Miles of Site Location



4.2.2. Plants

The literature review resulted in a list of sixty-seven (67) special-status plant species that have been known to occur within the BSA and surrounding five-miles, presented in **Table 3**, *Special-Status Plant Species*. Of these sixty-seven (67) species, five (5) species have *moderate* potential for occurrence, fifteen (15) have *low* potential for occurrence, and forty-seven (47) have *no* potential to occur in the BSA. Factors used to determine potential for occurrence include quality of habitat, soil type, impact from previous land use, and the date and location of prior CNDDB and Jepson eFlora occurrence records. Reconnaissance plant surveys were conducted to determine if they are present or absent in the BSA.

Table 3. Special-Status Plant Species

Scientific Name (=Synonym)	Common Name (=Synonym)	Status	General Habitat Description in California	BSA Contains Potential Suitable Habitats	Plant Elevation Range (feet amsl)	BSA is Located Within the Plant Species' Known:		Potential For Occurrence in the BSA
						Elevation Range	General Distribution	
Listed Endangered, Threatened, Candidate and State Rare Plants: Plants with official status under the federal Endangered Species Act (ESA), the California Endangered Species Act (CESA), and/or the Native Plant Protection Act (NPPA). A species may have other sensitive designations in addition to their federal or state listing.								
Tuctoria greenei (= *Orcuttia greenei)*	Greene's tuctoria (=Greene's Orcutt grass and =awnless spiralgrass)	FE, SR, CRPR: 1B.1	Greene's tuctoria is an annual herb that grows in the bottom of dried vernal pools in open valley and foothill grasslands. This listed plant flowers from May to September.	No	100 - 3510	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA lacks the vernal pools and open grasslands for which this species is associated. Additionally, the species has no modern or historic occurrences in the immediate area with observations limited to lower elevations within the central valley bottom.
Euphorbia hooveri	Hoover's spurge	FT, CRPR: 1B.2	Hoover's spurge is an annual herb that grows in relatively large, deep vernal pools among the rolling hills, remnant alluvial fans and depositional stream terraces at the base of the Sierra Nevada foothills. This species occurs in large vernal pools in valley and foothill grasslands, growing only in the summer after the pools dry and blooming July to August. It tends to occur where competition from other species has been reduced by prolonged seasonal inundation or other factors. This listed plant flowers from July to October.	No	80 - 820	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Sensitive Plants: These plants have no official status under the ESA, the CESA, and/or the NPPA; however they are designated as sensitive or locally important by federal agencies, state agencies, and/or local conservation agencies and organizations.								
Agrostis hendersonii (= *Agrostis microphylla var. hendersonii*)	Henderson's bent grass	CRPR: 3.2	Henderson's bent grass is an annual herb that is found in damp sites near vernal pools in lower valleys (valley and foothill grasslands and vernal pools). This sensitive plant flowers from April to June.	No	230 - 1000	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Allium jepsonii	Jepson's onion	CRPR: 1B.2	Jepson's onion is a perennial bulbiferous herb that is found in serpentine or volcanic substrates within chaparral, cismontane woodlands, and lower montane coniferous forests. It is found on serpentine soils in the Sierra foothills and volcanic soil on Table Mountain on slopes and flats; usually in an open area. This sensitive plant flowers from April to August.	Yes	985 - 4330	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences west of the west branch of the Feather River with limited modern occurrences in the county with no historic records for the immediate area.
Allium sanbornii var. sanbornii	Sanborn's onion	CRPR: 4.2	Sanborn's onion is a perennial bulbiferous herb that is found in chaparral, cismontane woodlands, and lower montane coniferous forests usually on heavy serpentine outcrops. This sensitive plant flowers from May to September.	Yes	855 - 4955	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences within 5-miles. Historic occurrences are limited in the county.
Anomobryum julaceum (= *Anomobryum filiforme*)	slender silver moss	CRPR 4.2	Slender silver moss is a moss that is found on damp rocks, soil on outcrops, and usually on roadcuts in broadleaved upland forest, lower montane coniferous forest and North Coast coniferous forest.	Yes	330 - 3280	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has one modern record in the area along the west branch of the Feather River. Limited modern and historical occurrences in the county.

Scientific Name (=Synonym)	Common Name (=Synonym)	Status	General Habitat Description in California	BSA Contains Potential Suitable Habitats	Plant Elevation Range (feet amsl)	BSA is Located Within the Plant Species' Known:		Potential For Occurrence in the BSA
						Elevation Range	General Distribution	
Arctostaphylos mewukka ssp. Truei (= *Arctostaphylos truei*)	True's manzanita	CRPR: 4.2	True's manzanita is a perennial evergreen shrub that is found in chaparral and lower montane coniferous forests. It is sometimes found along roadsides. This sensitive plant flowers from February to July.	Yes	1395 - 4560	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has one modern record (2009) in the immediate area that likely burned in the Camp Fire. Limited historical occurrences in the immediate area.
Astragalus pauperculus	depauperate milk-vetch	CRPR: 4.3	Depauperate milk-vetch is an annual herb that is found in chaparral, cismontane woodlands, and valley and foothill grasslands on vernally mesic and volcanic soil. Stony flats and shallow depressions, thin soils of red sand or clay of volcanic origin; vernally mesic. This sensitive plant flowers from March to June.	Yes	195 - 3985	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern or historical occurrences in the immediate area. Two modern occurrences are documented a few miles southeast.
Azolla microphylla	Mexican mosquito fern	CRPR: 4.2, G5, S4	Mexican mosquito fern is an aquatic fern that can be found in ponds and slow-moving waters. This sensitive plant flowers in August.	No	100 - 330	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Botrychium crenulatum	scalloped moonwort	CRPR: 2B.2	Scalloped moonwort is a perennial rhizomatous herb that is found in bogs and fens, moist meadows near creeks, seeps, lower and upper montane coniferous forests, and freshwater marshes and swamps. These moonworts may occur either in sun or shade, but most frequently in partial shade. Grows among thick grass and herbs in meadows within conifer forests in fine sediment and peaty soils. This sensitive plant flowers from June to September.	No	4160 - 10760	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Botrychium minganense	Mingan moonwort	CRPR: 2B.2	Mingan moonwort is a perennial rhizomatous herb that occurs in bogs and fens, lower montane coniferous forests, and upper montane coniferous forests on mesic sites. Usually found along creek banks in mixed coniferous forests. Grows among thick grass and herbs in meadows within conifer forests in fine sediment and peaty soils. This sensitive plant flowers from July to September.	No	3905 - 10795	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Botrychium montanum	western goblin (mountain moonwort)	CRPR: 2B.1	Western goblin is a perennial rhizomatous herb that is found in lower montane coniferous forests, meadows and seeps, and upper montane coniferous forests. Grows among thick grass and herbs in meadows within conifer forests in fine sediment and peaty soils. This sensitive plant flowers from July to September.	No	4805 - 7155	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Brodiaea rosea ssp. *vallicola*	valley brodiaea	CRPR: 4.2, G4G5T3, S3	Valley brodiaea is a perennial herb that can be found in valley and foothill grasslands where they are often found near moist areas. This sensitive plant flowers from April to May.	No	35 - 1100	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Brodiaea sierrae	Sierra foothills brodiaea	CRPR: 4.2, G3	Sierra foothills brodiaea is a perennial herb that can be found in open areas of chaparral, cismontane woodlands, and lower montane coniferous forest. This sensitive plant flowers from June to July.	Yes	165 - 3215	Yes	Yes	**Moderate Potential for Occurrence in the BSA.** The BSA contains some suitable habitat and the species has been documented nearby.
Bulbostylis capillaris	thread-leaved beakseed	CRPR: 4.2	Thread-leaved beakseed is an annual grass-like herb found in lower montane coniferous forests and wetland-riparian corridors. This sensitive plant flowers from June to August.	Yes	1295 - 6810	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern or historical occurrences in the immediate area.
Calycadenia oppositifolia	Butte County calycadenia	CRPR: 4.2	Butte County calycadenia is an annual herb that is found in dry meadows, grassy to brushy openings, and road cuts within a variety of plant communities, including chaparral, cismontane woodlands, lower montane coniferous forests, meadow and seeps, valley and foothill grasslands on volcanic or serpentine soils. Often found on hillsides and rock outcrops. This sensitive plant flowers from April to July.	Yes	295 - 3100	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat for this species, modern records place this species in the surrounding wild areas.
Calycadenia spicata	spicate calycadenia	CRPR: 1B.3, G3?, S3	Spicate calycadenia is an annual herb that is found in open, disturbed, or slopped areas within valley and foothill grasslands as well as cismontane woodland	Yes	130 - 4595	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the immediate area

Scientific Name (=Synonym)	Common Name (=Synonym)	Status	General Habitat Description in California	BSA Contains Potential Suitable Habitats	Plant Elevation Range (feet amsl)	BSA is Located Within the Plant Species' Known:		Potential For Occurrence in the BSA
						Elevation Range	General Distribution	
								with observations limited to lower elevations within the central valley bottom.
Calystegia atriplicifolia ssp. *buttensis*	Butte County morning-glory (=night-blooming false bindweed)	CRPR: 4.2	Butte County morning-glory is a perennial rhizomatous herb that is found in dry, rocky places in open lower montane coniferous forests or chaparral. It has also been found in disturbed areas such as edges of roads, burned areas, plantations and fire breaks. This sensitive plant flowers from May to July.	No	1855 - 5000	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Carex xerophila	chaparral sedge	CRPR: 1B.2, G2, S2, BLM: S, USFS: S	Chaparral sedge is a perennial herb that is found in chaparral, cismontane woodland, and lower montane coniferous forests. This sensitive plant flowers from March to June.	Yes	1445 - 2525	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the immediate area and limited historical occurrences in the county.
Castilleja rubicundula var. rubicundula	pink creamsacs	CRPR: 1B.2	Pink creamsacs is a hemiparasitic annual herb that is found in chaparral (openings), cismontane woodlands, meadows and seeps, and valley and foothill grasslands. This sensitive plant flowers from April to June.	Yes	65 - 2985	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the immediate area.
Clarkia gracilis ssp. albicaulis	white-stemmed clarkia	CRPR: 1B.2	White-stemmed clarkia is an annual herb found in foothill woodlands and chapparal. It is a narrow-range species, endemic to the foothills of the sierras surrounding butte county. This sensitive plant flowers from May to July.	Yes	805 - 3560	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the immediate area and limited historical occurrences in the county.
Clarkia mildrediae ssp. lutescens	golden-anthered clarkia	CRPR: 4.2	Golden-anthered clarkia is an annual herb that is found in openings in cismontane woodlands and lower montane coniferous forests often along roadcuts. This sensitive plant flowers from June to August.	Yes	900 - 5740	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the immediate area and limited historical occurrences in the county.
Clarkia mosquinii	Mosquin's clarkia	CRPR: 1B.1	Mosquin's clarkia is an annual herb that is found in cismontane woodlands and lower montane coniferous forests usually on steep, rocky cutbanks and slopes. This sensitive plant flowers from May to July.	No	605 - 4890	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA lacks the steep rocky cutbanks and slopes for which this species is associated. The species lacks occurrences in the immediate area.
Claytonia palustris	marsh claytonia	CRPR: 4.3	Marsh claytonia is a perennial herb that can be found in wetlands like wet meadows, marshes, springs, or streambanks. This sensitive plant flowers from May to October.	No	3280 - 8205	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Claytonia parviflora ssp. grandiflora	streambank spring beauty	CRPR: 4.2	Streambank spring beauty is an annual herb that is found in moist areas of cismontane woodland and lower montane coniferous forests. This sensitive plant flowers from February to April.	Yes	820 - 3935	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has limited modern and historical occurrences in the county.
Cypripedium californicum	California lady's-slipper	CRPR: 4.2, IUCN: EN	California lady's-slipper is a X that is found in serpentine seeps and along wet areas within marshes, forest openings, and steep slopes.	Yes	100 - 9025	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the surrounding area and is documented a few miles north.
Cypripedium fasciculatum	clustered lady's-slipper	CRPR: 4.2	Clustered lady's-slipper is a perennial rhizomatous herb that is found in serpentine seeps and along streambanks within lower montane coniferous forests and north coast coniferous forests. It is found on ultrabasic soils, granitics, schists, limestone and quartz-diorite. Populations have been reported from rocky to loamy soils in damp to dry sites. They are found in mixed evergreen, mixed conifer, and Douglas-fir forests and in pine and black oak stands. Populations are generally found in areas of from 60 -100% shade provided by tree canopy or shrubs. This sensitive plant flowers from March to August.	No	330 - 7990	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA lacks the 60-100% shaded forested/wooded areas and the species has limited modern and historical occurrences in the county.
Engellaria obtusa	obtuse starwort	CRPR: 4.3	Obtuse starwort is a perennial rhizomatous herb that is found in lower montane	Yes	490 - 7515	Yes	Yes	**No Potential for Occurrence in the BSA.**

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						Elevation Range	General Distribution	
			coniferous forests, riparian woodlands, and upper montane coniferous forests. It is found in moist areas in woods, shaded edges of creeks, talus slopes. This sensitive plant flowers from May to October.					The BSA contains minimal, degraded, habitat but the species has limited modern and historical occurrences in the county.
Eremogone cliftonii	Clifton's eremogone	CRPR: 1B.3	Clifton's eremogone is a perennial herb that occurs within open areas (including slopes and roadcuts) in mixed conifer forests and montane chaparral habitats. Its open forest habitat contains a mixture of ponderosa pine, sugar pine, white fir, California black oak, and canyon live oak. Patches of chaparral where it occurs tend to be dominated by whiteleaf manzanita and True's manzanita. All but two known occurrences are found on decomposing granite with little organic matter; one additional occurrence is found on basalt soils, and a second additional occurrence is found on serpentine soils. This sensitive plant flowers from April to September.	Yes	1495 - 6825	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat for this species, modern records place this species in the surrounding wild areas.
Erigeron petrophilus var. sierrensis	northern Sierra daisy	CRPR: 4.3	Northern Sierra daisy is a perennial rhizomatous herb that is found in chaparral, cismontane woodlands, lower montane coniferous forests, and upper montane coniferous forests. Found on ledges and rocky foothills to montane forests. Sometimes found on serpentine. This sensitive plant flowers from June to October.	Yes	985 - 6800	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat for this species, modern records place this species in the surrounding wild areas.
Eriogonum umbellatum var. ahartii	Ahart's buckwheat	CRPR: 1B.2, BLM: S, USFS: S	Ahart's buckwheat is a perennial herb that is found within serpentine soils in chaparral and openings in cismontane woodlands. This sensitive plant flowers from June to September.	Yes	1310 - 6560	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat for this species, modern records place this species in the surrounding wild areas.
Eriophorum gracile	slender cottongrass	CRPR: 4.3	Slender cottongrass is a perennial grass-like herb found in seeps, bogs, fens, and wet meadows within upper montane coniferous forests.	No	4200 - 9515	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Erythranthe filicifolia	fern-leaved monkeyflower	CRPR: 1B.2	Fern-leaved monkeyflower is an annual herb that can be found in ephemeral seeps amongst granitic slabs within chaparral, foothill grasslands, and lower montane coniferous forests.	Yes	1360 - 5610	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has limited modern and historical occurrences in the county.
Erythranthe glaucescens	shield-bracted monkeyflower	CRPR: 4.3	Shield-bracted monkeyflower is an annual herb that can be found in seeps and riparian corridors within valley and foothill grasslands, cismontane woodlands, and lower montane coniferous forests. This sensitive plant flowers from February to August.	Yes	195 - 4070	Yes	Yes	**Moderate Potential for Occurrence in the BSA.** The BSA contains some suitable habitat and the species has been documented nearby.
Erythranthe inconspicua	small-flowered monkeyflower	CRPR: 4.3	Small-flowered monkeyflower is an annual herb that can be found in mesic and upland areas within chaparral, cismontane woodlands, and lower montane coniferous forests. This sensitive plant flowers from May to June.	Yes	900 - 2495	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the county with limited historical documentation.
Frangula purshiana ssp. ultramafica	Caribou coffeeberry	CRPR: 1B.2	Caribou coffeeberry is a shrub that can be found in a variety of habitats including chaparral, lower and upper montane coniferous forests, and montane meadows. Typically associated with serpentine soils. This sensitive plant flowers from May to July.	No	2705 - 6330	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Fritillaria eastwoodiae	Butte County fritillary	CRPR: 3.2	Butte County fritillary is a perennial bulbiferous herb that usually is found in openings on dry benches and dry slopes, in chaparral or beneath conifers in lower montane coniferous forests and cismontane woodlands. Soils can be serpentine, red clay or sandy loam. This sensitive plant flowers from March to June.	Yes	165 - 4920	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat for this species, modern records place this species in the surrounding wild areas.
Githopsis pulchella ssp. serpentinicola	serpentine bluecup	CRPR: 4.3	Serpentine bluecup is an annual herb that is found in foothill woodlands and lower montane coniferous forests. This sensitive plant flowers from May to	Yes	1050 - 2000	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the

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						Elevation Range	General Distribution	
			June.					species has two modern occurrences in the county not in the immediate area with limited historical documentation.
Hesperevax caulescens	hogwallow starfish	CRPR: 4.2	Hogwallow starfish is an annual herb that is found wet clay soils and shallow vernal pools within valley and foothill grasslands as well as foothill woodlands. This sensitive plant flowers from March to June.	No	0 - 1655	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Hesperocyparis bakeri	Baker cypress	CRPR: 4.2	Baker cypress is a tree that can be found in serpentine and volcanic soils within chaparral and lower montane coniferous forests.	No	2690 - 6545	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Hibiscus lasiocarpos var. occidentalis	woolly rose-mallow	CRPR: 1B.2	Woolly rose-mallow is a perennial herb that is found in freshwater wetlands and riparian corridors along streams, marshes, and other moist areas. This sensitive plant flowers from June to September.	No	0 - 395	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Imperata brevifolia	California satintail	CRPR: 2B.1	California satintail is a perennial rhizomatous herb that occurs in mesic sites within chaparral, coastal scrub, Mojavean desert scrub, meadows and seeps (often alkali), and riparian scrub. This sensitive plant flowers from September to May.	Yes	0 - 3985	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the county with limited historical documentation.
Juncus leiospermus var. leiospermus	Red Bluff dwarf rush	CRPR: 1B.1	Red Bluff dwarf rush is an annual herb that inhabits vernally moist habitats, including vernal pools, within meadows and seeps, valley and foothill grasslands, chaparral, and cismontane woodlands habitats. Hickman described habitat as vernal pool margins and wet places in chaparral and woodlands. It is often found in sparsely vegetated habitats. This sensitive plant flowers from March to June.	Yes	115 - 4100	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains suitable habitat with two *Juncus* species documented but the species has no modern occurrences in the area with limited historical documentation.
Layia septentrionalis	Colusa layia	CRPR: 1B.2	Colusa layia is an annual herb that is found in fields, grassy slopes, and bluff/cliff tops, on serpentine or sandy soils. Found within chaparral, valley and foothill grasslands, and (oak-dominated) foothill/cismontane woodland communities. This sensitive plant flowers from April to May.	Yes	330 - 3595	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the area with limited historical documentation.
Lewisia cantelovii	Cantelow's lewisia	CRPR: 1B.2	Cantelow's lewisia is a perennial herb that is found in a variety of habitats and microhabitats such as granite cliffs, rocky outcrops, seeps, and ravines within chaparral, woodlands, mixed woodlands, and montane coniferous forests. They are typically found on serpentine soils. This sensitive plant flowers from March to October.	No	1085 - 4495	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat, however it lacks documented occurrence in the immediate area.
Lilium humboldtii ssp. humboldtii	Humboldt lily	CRPR: 4.2	Humboldt lily is a perennial bulbiferous herb that is found in openings within chaparral, cismontane woodlands, and lower montane coniferous forests. This sensitive plant flowers from May to July.	Yes	295 - 4200	Yes	Yes	**Moderate Potential for Occurrence in the BSA.** The BSA contains some suitable habitat and the species has been documented nearby.
Mielichhoferia elongata	elongate copper moss	CRPR: 4.3	Elongate copper moss is a moss that grows in openings within oak savanna and cismontane woodlands. Found on metamorphic rock outcrops. This sensitive plant flowers from June to July.	No	0 - 6430	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA lacks the metamorphic rock outcroppings for which this species occurs.
Monardella venosa	veiny monardella	CRPR: 1B.1	Veiny monardella is an annual herb that is found on heavy clay soils in cismontane woodlands and valley and foothill grasslands. Most plants occur on flat to gently sloping terrain within 200 feet of an intermittent stream channel. The Butte and Tuolumne County populations are found in heavy clay soils, with deep cracks, of volcanic or serpentine origin. The plants are found only on lenses of dark gray, deeply cracking clay within alluvium derived from the upslope Tuscan Mudflow outcrops. This sensitive plant flowers from May to July.	No	195 - 1345	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Navarretia heterandra	Tehama navarretia	CRPR: 4.3	Tehama navarretia is an annual herb that is found in mesic sites in valley and foothill grasslands and in vernal pools. This sensitive plant flowers from April to June.	Yes	100 - 3315	Yes	Yes	**Moderate Potential for Occurrence in the BSA.** The BSA contains some suitable habitat and the species has been documented nearby.

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Packera eurycephala var. lewisrosei	Lewis Rose's ragwort	CRPR: 1B.2	Lewis Rose's ragwort is a perennial herb that is found in serpentine substrates within chaparral, cismontane woodlands, and lower montane coniferous forests. This sensitive plant flowers from March to September.	No	900 - 6200	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, degraded, habitat, however it lacks documented occurrence in the immediate area.
Peltigera gowardii	western waterfan lichen	CRPR: 4.2	Western waterfan lichen is a lichen that can be found on rocks in cold water creeks within riparian forests.	No	3495 - 8595	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Penstemon personatus	closed-throated beardtongue	CRPR: 1B.2	Closed-throated beardtongue is a perennial herb that is found in chaparral and lower and upper montane coniferous forests. Conifer forests (yellow pine forests, red fir forests), often moist and with a substantial Shasta red fir component. In semi-shade or open places, such as dry hillsides, forest openings and edges, and disturbed places such as clearcuts and roadsides; sometimes within montane chaparral areas. This sensitive plant flowers from June to October.	No	3495 - 6955	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Perideridia bacigalupii	Bacigalupi's yampah	CRPR: 4.2	Bacigalupi's yampah is a perennial herb that is found in chaparral, oak woodlands (e.g. those dominated by *Quercus kelloggii*, *Q. lobata*, *Q. wislizeni*, or *Q.* douglasii), and lower montane pine forests/woodlands. Sites in which it occurs include open rocky areas, chaparral openings, slopes, and road cuts. Usually on serpentine; classified as a broad serpentine endemic. Also occurs on gabbro soils (e.g. in Nevada County) and on red soils derived from intrusive and metavolcanic rock. This sensitive plant flowers from June to August.	Yes	1475 - 4120	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal habitat for this more generalist species, however it lacks documented occurrence in the area.
Piperia colemanii	Coleman's rein orchid	CRPR: 4.3	Coleman's rein orchid is a perennial herb that is found in openings of cismontane woodlands and montane coniferous forests. This sensitive plant flowers from June to August.	No	3935 - 7545	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Poa sierrae	Sierra blue grass	CRPR: 1B.3	Sierra blue grass is a perennial grasslike herb that can be found in shady or moist areas in lower montane coniferous forests. This sensitive plant flowers from April to June.	Yes	1200 - 4920	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, though suitable, habitat but lacks modern occurrences in the area.
Polygonum bidwelliae	Bidwell's knotweed	CRPR: 4.3	Bidwell's knotweed is an annual herb that is found in volcanic soils within valley and foothill grasslands, chaparral, and cismontane woodland. This sensitive plant flowers from April to July.	Yes	195 - 3935	Yes	Yes	**Moderate Potential for Occurrence in the BSA.** The BSA contains suitable habitat as the species can be found in a variety of habitats and microhabitats. The species is widely documented in the surrounding area.
Rhynchospora californica	California beaked-rush	CRPR: 1B.1	California beaked-rush is a perennial rhizomatous herb that is found in herb-dominated marshes and swamps (predominantly freshwater, rarely coastal), bogs and fens, wet meadows and seeps (often in canyons or on hillsides). Habitats may be situated within lower montane coniferous forests as well as, in Butte County, foothill woodlands or chaparral communities. This sensitive plant flowers from May to July.	Yes	150 - 3315	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, though suitable, habitat but lacks modern occurrences in the area.
Rhynchospora capitellata	brownish beaked-rush	CRPR: 2B.2	Brownish beaked-rush is a perennial herb that is found in mesic sites within lower montane coniferous forests, meadows and seeps, marshes and swamps, and upper montane coniferous forests. This sensitive plant flowers from July to August.	Yes	150 - 6560	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, though suitable, habitat but lacks modern occurrences in the area.
Rupertia hallii	Hall's rupertia	CRPR: 1B.2	Hall's rupertia is a perennial herb that is found in cismontane woodlands and lower montane coniferous forests on gentle slopes and woodlands openings, sometimes on disturbed sites such as roadsides and timber harvest areas. This sensitive plant flowers from June to September.	Yes	1790 - 7380	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA nears the lower limit of the elevation range for which this species occurs. The BSA contains minimal, though suitable, habitat but lacks modern occurrences in the area.
Sagittaria sanfordii	Sanford's arrowhead	CRPR: 1B.2	Sanford's arrowhead is a perennial rhizomatous herb that is found in marshes and swamps (assorted shallow freshwater). It is also found growing in ditches,	Yes	0 - 2135	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains minimal, though suitable, habitat but

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						Elevation Range	General Distribution	
			sloughs, ponds or slow-moving streams with silty or muddy substrates. This sensitive plant flowers from May to November.					lacks modern occurrences in the area.
Scytinium siskiyouense	Siskiyou jellyskin lichen	CRPR: 1B.1	Siskiyou jellyskin lichen is a lichen that is found in lower montane coniferous forests and north coast coniferous forests where they are typically found growing on the bark of oaks and chinquapin.	No	2085 - 4790	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Sedum albomarginatum	Feather River stonecrop	CRPR: 1B.2	Feather River stonecrop is a perennial herb that grows in crevices and on ledges of serpentine outcrops and slopes in chaparral and lower montane coniferous forests. This sensitive plant flowers from May to June.	No	855 - 6400	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA lacks the habitat for which this species is associated.
Sidalcea gigantea	giant checkerbloom	CRPR: 4.3	Giant checkerbloom is a perennial herb that is found in seeps, along stream margins, and other moist areas within mid to upper coniferous forests. This sensitive plant flowers from July to September.	No	2200 - 6400	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Sidalcea robusta	Butte County checkerbloom	CRPR: 1B.2	Butte County checkerbloom is a perennial rhizomatous herb that is found in chaparral and foothill woodlands and savannahs, often dominated by blue oaks, and occasionally at the ecotone with chaparral. It is commonly found in the shade of oaks or growing beneath shrubs; it can also be found within ephemeral drainages. The checkerbloom appears to exhibit microsite preferences that include under blue oak trees (at the dripline or the base of the trunk), against rocks or at the base of ledges or rock benches, in small drainages, and under the dripline of shrubs. This sensitive plant flowers from April to June.	Yes	295 - 5250	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains drainages and few blue oak but is maintained with no documented occurrences within 4-miles.
Streptanthus drepanoides	sickle-fruit jewelflower	CRPR: 4.3	Sickle-fruit jewelflower is an annual herb that is found in serpentine soils within open areas of chaparral and yellow-pine forests. This sensitive plant flowers from April to June.	No	900 - 5445	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA degraded habitat but the surrounding area contains suitable habitat however observations within the county are largely limited to Lake Oroville.
Streptanthus longisiliquus	long-fruit jewelflower	CRPR: 4.3	Long-fruit jewelflower is a perennial herb that is found in openings of cismontane woodlands and lower montane coniferous forests. This sensitive plant flowers from April to September.	No	2345 - 4920	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.
Viola tomentosa	felt-leaved violet	CRPR: 4.2	Felt-leaved violet is a perennial herb that is found in dry, gravelly locations in lower and upper montane coniferous forests as well as subalpine coniferous forests. This sensitive plant flowers from May to October.	No	4710 - 6560	No	Yes	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known elevation range.

Legend and Notes

Notes:

- The BSA contains approximate elevations of 1805 to 1838 feet above mean sea level (amsl).
- The BSA encompasses disturbed habitat including developed areas containing ornamental plants, agricultural land, and a maintained field that was previously agricultural land.
- **Yes** = the BSA is located within the plant species' known distribution, elevation range, and/or the BSA contains suitable habitats and/or soils to support the plant species. The plant species has a potential to occur within the BSA. Further evaluation is needed.
- **No** = the BSA is located outside the plant species' known distribution, elevation range, and/or the BSA lacks suitable habitats and/or soils to support the plant species. It is highly unlikely for the plant species to have a potential to occur within the BSA. No further evaluation is needed.
- A CNPS elevation range is provided for each taxon in feet. The stated range is for the California portion of a plant's range only (if the taxon also occurs outside the state). These CNPS elevation range data are accumulated from literature, herbarium specimens, and field survey information.

Federal Endangered Species Act (ESA) Listing Codes: the ESA is administered by the USFWS and NMFS. The USFWS has primary responsibility for terrestrial and freshwater organisms, while the responsibilities of NMFS are mainly marine wildlife such as whales and anadromous fish such as salmon. For the purposes of the ESA, Congress defined species to include subspecies, varieties, and, for vertebrates, distinct population segments. The official federal listing of Endangered and Threatened plants is published in 50 CFR § 17.12.

- **FE = federally listed as endangered:** any species of plant or animal that is in danger of extinction throughout all or a significant portion of their range.
- **FT = federally listed as threatened:** any species of plant or animal that is considered likely to become endangered throughout all or a significant portion of its range within the foreseeable future.

Legend and Notes

- **FC = federal candidate for listing:** candidate species are plants and animals for which the USFWS has sufficient information on their biological status and threats to propose them for listing as endangered or threatened under the ESA, but for which development of a proposed listing regulation is precluded by higher priority listing actions to address species in greater need. A proposed regulation has not yet been published in the Federal Register for these species.
- **FPE = federally proposed for listing as endangered:** a candidate species that has been proposed by USFWS for listing as endangered and the proposed rule, but not a final rule, to list has been published in the Federal Register.
- **FPT = federally proposed for listing as threatened:** a candidate species that has been proposed by USFWS for listing as threatened and the proposed rule, but not a final rule, to list has been published in the Federal Register.
- **FPD = federally proposed for delisting:** a species that has been proposed by USFWS for delisting (or down listing from endangered to threatened) and the proposed rule to delist has been published in the Federal Register.

California Endangered Species Act (CESA) and California Native Plant Protection Act (NPPA) Listing Codes: the CESA and NPPA are administered by CDFW. The official listing of *Plants of California Declared to Be Endangered, Threatened or Rare* is contained in the California Code of Regulations, Title 14, § 670.2. Species, subspecies and varieties of California native plants are declared to be endangered, threatened as defined by § 2062 and § 2067 of the Fish and Game Code or rare as defined by § 1901 of the Fish and Game Code.

- **SE = state-listed as endangered:** "endangered species" means a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant which is in serious danger of becoming extinct throughout all, or a significant portion, of its range due to one or more causes, including loss of habitat, change in habitat, overexploitation, predation, competition, or disease (Fish and Game Code § 2062).
- **ST = state-listed as threatened:** "threatened species" means a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that, although not presently threatened with extinction, is likely to become an endangered species in the foreseeable future in the absence of the special protection and management efforts (Fish and Game Code § 2067).
- **SCE = state candidate for listing as endangered:** a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that the Fish and Game Commission has formally noticed published in the California Regulatory Notice Register as being under review by CDFW for addition to the list of endangered species, or a species for which the Fish and Game Commission has published a notice of proposed regulation to add the species to the list (Fish and Game Code § 2068).
- **SCT = state candidate for listing as threatened:** a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that the Fish and Game Commission has formally noticed published in the California Regulatory Notice Register as being under review by CDFW for addition to the list of threatened species, or a species for which the Fish and Game Commission has published a notice of proposed regulation to add the species to the list (Fish and Game Code § 2068).
- **SCD = state candidate for delisting:** a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that the Fish and Game Commission has formally noticed published in the California Regulatory Notice Register as being under review by CDFW for removal from either the list of endangered species or the list of threatened species, or a species for which the Fish and Game Commission has published a notice of proposed regulation to remove the species to either list.
- **SR = state rare:** A species, subspecies, or variety of native plant is rare when, although not presently threatened with extinction, it is in such small numbers throughout its range that it may become endangered if its present environment worsens (Fish and Game Code § 1901).

California Rare Plant Ranks (Formerly known as CNPS Lists): the CNPS is a statewide, nonprofit organization that maintains, with CDFW, an Inventory of Rare and Endangered Plants of California. In the spring of 2011, CNPS and CDFW officially changed the name "CNPS List" or "CNPS Ranks" to "California Rare Plant Rank" (or CPRP). This was done to reduce confusion over the fact that CNPS and CDFW jointly manage the Rare Plant Status Review Groups and the rank assignments are the product of a collaborative effort and not solely a CNPS assignment.

- **CRPR: 1A = California Rare Plant Rank 1A - plants presumed extirpated in California and either rare or extinct elsewhere:** the plants with a CRPA of 1A are presumed extirpated because they have not been seen or collected in the wild in California for many years. This rank includes plants that are both presumed extinct as well as those plants which are presumed extirpated in California. All of the plants constituting CRPR 1A meet the definitions of § 2062 and § 2067 (CESA) of the Fish and Game Code, and are eligible for state listing. Should these taxa be rediscovered, it is mandatory that they be fully considered during preparation of environmental documents relating to CEQA.
- **CRPR 1B = California Rare Plant Rank 1B - plants rare, threatened, or endangered in California and elsewhere:** plants with a CRPR of 1B are rare throughout their range with the majority of them endemic to California. Most of the plants that are ranked 1B have declined significantly over the last century. All of the plants constituting CRPR 1B meet the definitions of § 2062 and § 2067 (CESA) of the Fish and Game Code, and are eligible for state listing. It is mandatory that they be fully considered during preparation of environmental documents relating to CEQA.
- **CRPR 2A = California Rare Plant Rank 2A - plants presumed extirpated in California, but more common elsewhere:** the plant taxa of CRPR 2A are presumed extirpated because they have not been observed or documented in California for many years. This list includes only those plant taxa that are presumed extirpated in California, but more common elsewhere in their range. All of the plants on List 2A meet the definitions of § 2062 and § 2067 (CESA) of the Fish and Game Code, and are eligible for state listing. Should these taxa be rediscovered, it is mandatory that they be fully considered during preparation of environmental documents relating to CEQA.
- **CRPR 2B = California Rare Plant Rank 2B - plants rare, threatened, or endangered in California, but more common elsewhere:** except for being common beyond the boundaries of California, plants with a CRPR of 2B would have been ranked 1B. From the federal perspective, plants common in other states or countries are not eligible for consideration under the provisions of the ESA. All of the plants constituting CRPR 2B meet the definitions of § 2062 and § 2067 (CESA) of the Fish and Game Code, and are eligible for state listing. It is mandatory that they be fully considered during preparation of environmental documents relating to CEQA.
- **CRPR 3 = California Rare Plant Rank 3 - plants about which more information is needed - a review list:** the plants that comprise CRPR 3 are united by one common theme – CNPS and CDFW lack the necessary information to assign them to one of the other ranks or to reject them. Nearly all of the plants constituting CRPR 3 are taxonomically problematic. Some of the plants constituting CRPR 3 meet the definitions of § 2062 and § 2067 (CESA) of the Fish and Game Code, and are eligible for state listing. CNPS strongly recommends that CRPR 3 plants be evaluated for consideration during preparation of environmental documents relating to CEQA.
- **CRPR 4 = California Rare Plant Rank 4 - plants of limited distribution - a watch list**: the plants in this category are of limited distribution or infrequent throughout a broader area in California. While CNPS and CDFW cannot call these plants "rare" from a statewide perspective, they are uncommon enough that their status should be monitored regularly. Should the degree of endangerment or rarity of a CRPR 4 plant change, CNPS and CDFW will transfer it to a more appropriate rank. Some of the plants constituting CRPR 4 meet the definitions of § 2062 and § 2067 (CESA) of the Fish and Game Code, and few, if any, are eligible for state listing. Nevertheless, many of them are significant locally, and CNPS strongly recommends that CRPR 4 plants be evaluated for consideration during preparation of environmental documents relating to CEQA.
- **Considered But Rejected =** plants that have been considered for inclusion into the CNPS *Inventory*, but were not included for various reasons.

California Native Plant Society (CNPS) Threat Ranks: The CNPS Threat Rank is an extension added onto the California Rare Plant Rank (CRPR) (as a decimal code) and designates the level of threats by a 1 to 3 ranking with 1 being the most threatened and 3 being the least threatened. A Threat Rank is present for all CRPR 1B's, 2B's, 4's, and the majority of CRPR 3's. CRPR 4 plants are seldom assigned a Threat Rank of .1, as they generally have large enough populations to not have significant threats to their continued existence in California; however, certain conditions exist to make the plant a species of concern and hence be assigned a CRPR. In addition, all CRPR 1A and 2A (presumed extirpated in California), and some CRPR 3 (need more information) plants, which lack threat information, do not have a Threat Rank extension.

Legend and Notes

- **.1** = seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
- **.2** = moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)
- **.3** = not very threatened in California (<20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

Other:

- **Annual**: grows from seed and reproduce within a single year.
- **Perennial**: lives more than one year.
- **Deciduous**: plants shed their leaves for part of the year.
- **Evergreen:** plants retain their leaves for an entire year.
- **Mesic habitat:** a habitat with a moderate or well-balanced supply of moisture.
- **Hemiparasitic:** plants that are connected to host plants and derive energy, water, and minerals from them, but also maintain their own functional root systems or photosynthetic surfaces.
- **Parasitic:** plants that are connected to host plants and rely solely on them for energy, water, and nutritional requirements.
- **Carnivorous:** plants that trap insects and other small animals and derive nourishment from them.
- **Herbs**: plants that are herbaceous and lack above-ground woody tissue.
    - **Bulbiferous herb**: plants that have fleshy underground storage organs typically derived from scale leaves (this category includes coniferous and other similar plants in which storage organs have other origins).
    - **Rhizomatous herb**: plants that have underground stems (rhizomes), typically bearing shoots which develop into new plants.
    - **Stoloniferous herb:** plants that have above-ground runners (stolons) which typically root and produce new plants.
- **Shrubs:** smaller woody perennials that retain most of their above-ground woody tissue and are typically many-stemmed.
    - **Leaf succulents:** succulents with thick, fleshy leaves.
    - **Stem succulents:** succulents with thick, fleshy stems and reduced or absent leaves.
- **Trees:** larger woody perennials that retain all of their above-ground wood tissue and are typically single-stemmed.
- **Vines:** twining woody perennials requiring external support for growth.
- **Mosses:** small green plants (one of three groups of bryophytes) with structures that resemble miniature leaves and stems. The leaves generally have a midrib called a costa. The sporophyte (the spore-bearing structure) is persistent for weeks.
- **Liverworts:** small green plants (one of three groups of bryophytes). There are both leafy and thalloid types - leafy liverworts lack a midrib on the leaves, while thalloid liverworts have no leaves. The sporophyte is short-lived.

The literature review resulted in a list of thirty (30) special-status wildlife species that have been known to occur within the BSA and surrounding five-miles, which is presented in **Table 4**, *Special-Status Wildlife Species*. Of these thirty (30) species, eighteen (18) were considered to have *low* potential, and twelve (12) had no potential to occur in the BSA. Factors used to determine potential for occurrence include quality of habitat, soil type, impact from previous land use, and the date and location of prior CNDDB occurrence records. Reconnaissance wildlife surveys will be conducted to determine if they are present or absent in the BSA.

Table 4. Special-Status Wildlife Species

Scientific Name (=Synonym)	Common Name (=Synonym)	Status	General Habitat Descriptions in California	The BSA: Located Within Species' Distribution and/or Elevation Range (if known)	The BSA: Contains Suitable Foraging, Roosting, and/or Breeding Habitats	Potential For Occurrence in the BSA
Listed Endangered, Threatened, and Candidate Wildlife: Wildlife with official status under the federal Endangered Species Act (ESA) and/or the California Endangered Species Act (CESA). A species may have other sensitive designations in addition to their federal or state listing.						
Listed Amphibians						
Rana boylii (Population 2)	Foothill yellow-legged frog (Feather River DPS)	FT, ST, BLM: S, USFS: S	Stream or river frog of woodlands, chaparral, and forests. Found in or near rocky streams in a variety of habitats, including valley-foothill hardwood, valley-foothill hardwood-conifer, valley-foothill riparian, Ponderosa pine (*Pinus ponderosa*), mixed conifer, coastal scrub, mixed chaparral, and wet meadow types. Requires partly-shaded, shallow, flowing water, apparently preferentially in small to moderate-sized streams situations with at least some rocky, cobble-sized substrate for egg laying. Foothill yellow-legged frogs are infrequent or absent in habitats where introduced aquatic predators (i.e., various fishes and bullfrogs) are present.	Yes	No	**No Potential for Occurrence in the BSA.** The BSA lacks the exposed rocky stream for which this species is known to inhabit.
Rana draytonii	California red-legged frog	FT, CDFW: SSC, IUCN: VU	Inhabits lowland streams, wetlands and marshes, lakes, riparian woodlands, ponds, reservoirs, and other sources of permanent water. The species may also occur in uplands near breeding areas and along intermittent drainages connecting wetlands. The adults often use dense, shrubby or emergent riparian vegetation closely associated with deep, still or slow-moving water with overhanging vegetation like willows (*Salix* sp.) and cattails (*Typha* sp.). They require cold water pond habitats (including stream pools) with emergent and submergent vegetation. They have been found up to 100 feet from water in adjacent dense riparian vegetation.	Yes	No	**No Potential for Occurrence in the BSA.** The BSA falls within the historic range of this species with no modern records of occurrence in the area.
Spea hammondii	Western spadefoot	FPT, BLM: S, CDFW: SSC, IUCN: NT	Found in coastal sage scrub, open chaparral, pine-oak woodlands, and grassland habitats, but is most common in grasslands with vernal pools or mixed grassland/coastal sage scrub areas. To reproduce, this species requires rain pools or vernal pools that persist with over three weeks of standing water to metamorphose successfully. They can also breed in slow-moving streams (e.g., areas flooded by intermittent streams). Water breeding sites must lack predators such as fish, bullfrogs (*Lithobates catesbeianus*), and crayfish. They estivate in sandy soil in upland habitats adjacent to potential breeding sites in burrows approximating 1 meter in depth.	No	No	**No Potential for Occurrence in the BSA.** The BSA falls outside of this species known occurrence in the area (Central Valley bottom) and lacks suitable upland habitat.
Listed Birds						
Aquila chrysaetos	golden eagle	fully protected, WL, BLMS, BCC, CDF:S	Golden eagles occur primarily in mountainous canyon land, rimrock terrain of open desert and grassland areas. Habitat typically includes open rolling foothills of grasslands, oak savannas, oak and juniper woodlands, chaparral, mountain areas, and desert. They usually avoid heavily forested areas and extensive croplands. They may be found in coniferous habitat when open space is available (e.g. fire breaks, clear-cuts, burned areas, pasture-land, etc.). Golden eagles are typically not found in heavily forested areas, extensive croplands, or on the immediate coast and are almost never detected in urbanized environments. Golden eagles usually nest on cliffs. Nesting is primarily restricted to rugged, mountainous country and open habitats with canyons and escarpments. Golden eagles will also nest in trees, on ground, clay cliffs, riverbanks, and human-made structures, including windmills, observation towers, powerline poles, electricity transmission towers, nesting platforms, abandoned gold dredges, and electrical transmission towers. Many nests have an unobstructed wide view of the surrounding area or are on prominent escarpments. These eagles require a huge territory to forage for prey. They typically forage in open habitats including grasslands, deserts, savannahs, and shrublands. Preferred territory sites include those that have a favorable nest site, a dependable food	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lacks sufficient foraging habitat and prey species. Occurrence limited to potential temporary perching on pine trees located on the BSA.

Scientific Name (=Synonym)	Common Name (=Synonym)	Status	General Habitat Descriptions in California	The BSA:		Potential For Occurrence in the BSA
				Located Within Species' Distribution and/or Elevation Range (if known)	Contains Suitable Foraging, Roosting, and/or Breeding Habitats	
			supply, and broad expanses of open country for foraging. Hilly or mountainous country, deeply cut canyons rising to open mountain slopes and crags are ideal habitat.			
Gymnogyps californianus	California condor	FE, SE, CDFW: FP, IUCN: CR	Permanent resident of the semi-arid, pine or chaparral covered rugged mountain ranges. While breeding sites have been found at higher elevations, foraging habitat lies in foothills predominately covered by grasslands or oak-savannah habitats. They roost on cliffs and in large trees and snags. Nests on cliffs and less often in large trees. Most important habitat requirements may be adequate food supplies, open-enough habitat that food can be readily found and accessed, and reliable air movements allowing extended soaring flight.	Yes	No	**No Potential for Occurrence in the BSA.** The BSA lacks nesting, roosting, and perching habitat to support this species and lacks sufficient foraging opportunities. Additionally, this species has no been documented in the immediate area.
Haliaeetus leucocephalus	Bald Eagle	FDR, SE, CDFW: FP, BLM: S, CDF:S, BCC	The bald eagle is federally delisted. Range-wide, bald eagles occur primarily in or near seacoasts, rivers, wetlands swamps, and large lakes. Requires large bodies of water, or free flowing rivers with abundant fish, and adjacent snags or other perches and nesting sites to support them. Perching sites need to be composed of large trees or snags with heavy limbs or broken tops. It roosts communally in winter in dense, sheltered, remote conifer stands. The State's breeding habitats are mainly in mountain and foothill forests and woodlands near reservoirs, lakes, and rivers. Large nests are normally built in the upper canopy of large trees, usually conifers.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lacks the nearby water bodies for which this species is tied to, occurrence potential limited to temporary perching.
Stric occidentalis occidentalis	California spotted owl	FT, ST, CDF: S	This owl breeds and roosts in forests and woodlands with large old trees and snags, high basal areas of trees and snags, dense canopies (>70% canopy closure), multiple canopy layers, and downed woody debris. Large, old trees are the key component. In the Sierra Nevada, it uses Sierran mixed-conifer, white fir (*Abies concolor*), montane hardwood-conifer, and montane-hardwood forests. It inhabits California red fir (*Abies magnifica*) forests at high elevations and Pacific Ponderosa pine (*Pinus ponderosa*) forests, blue oak -gray pine woodlands, and valley foothill riparian forests at low elevations. In southern California, it occupies montane hardwood and montane hardwood-conifer forests, especially those with canyon live oak (*Quercus chrysolepis*) and bigcone Douglas-fir (*Pseudotsuga macrocarpa*) at mid to high elevations. At low elevations, it uses coastal oak woodland, valley foothill riparian, and redwood (*Sequoia sempervirens*) forests. A few owls use singleleaf pinyon pine, juniper and lodgepole pine (*Pinus contorta*) forests, especially where mixed with montane hardwood-conifer forests.	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA contains tree species which are associated with this species however it is fairly urban and lacks modern occurrence documentation in the immediate area. Occurrence potential limited to perching during foraging.
Laterallus jamaicensis coturniculus	California black rail	ST, BLM: S, CDFW: FP, IUCN: EN	Occurs in various habitats, from high coastal marshes to freshwater marshes along the lower Colorado River. Along the coast, they favor marshland with unrestricted tidal influence (estuarine, intertidal, emergent, and regularly flooded). The rails often make their homes in tidal salt marshes dominated by pickleweed, but they inhabit brackish and freshwater marshes as well. In coastal and estuarine saltmarshes, their favored areas are dominated by pickleweed, bulrushes, and matted salt grass (*Distichlis spicata*) and other marsh vegetation. Along the Colorado River, they use areas of shallow water with relatively stable water levels and flat shoreline supporting dense stands of three-square bulrush.	Yes	No	**No Potential for Occurrence in the BSA.** The BSA lacks the wetland habitat for which this species is associated.
Listed Fish						
Oncorhynchus mykiss irideus (Population 11)	Steelhead (Central Valley DPS)	FT, CDFW: SSC	Optimal habitat for steelhead throughout its range on the Pacific Coast can generally be characterized by clear, cool water with abundant instream cover, well-vegetated stream banks, relatively stable water flow, and a 50:50 pool-to-riffle ratio.	Yes	No	**No Potential for Occurrence in the BSA.** The BSA lacks the aquatic habitat to support this species.
Oncorhynchus tshawtscha (Population 11)	Chinook salmon (Central Valley spring-run ESU))	FT, ST	The spring-run Chinook salmon leave the ocean and enter the rivers from March through September during the spring snow-melt run-off. Spawning takes place in swift, moderately shallow riffles or in areas along fast-moving banks with plentiful gravelly substrate.	Yes	No	**No Potential for Occurrence in the BSA.** The BSA lacks aquatic habitat to support this species.
Listed Invertebrates						
Branchinecta conservatio	Conservancy fairy shrimp	FE, IUCN: EN	The Conservancy fairy shrimp inhabit ephemeral or temporary pools of fresh water (vernal pools) located in swales formed by old, braided alluvium. They are also found in large playa-like depressions on deep alluvial soils. All known vernal pools containing Conservancy fairy shrimp	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA contains wetland habitat, ephemeral or temporary pooling of water, however the site

Scientific Name (=Synonym)	Common Name (=Synonym)	Status	General Habitat Descriptions in California	The BSA: Located Within Species' Distribution and/or Elevation Range (if known)	The BSA: Contains Suitable Foraging, Roosting, and/or Breeding Habitats	Potential For Occurrence in the BSA
			are seasonally astatic. All sites are filled by winter and spring rains and usually last into June. Conservancy fairy shrimp are not known to occur in permanent bodies of water, and are dependent upon seasonal fluctuations in their habitat, such as absence or presence of water during specific times of the year. Conservancy fairy shrimp inhabit large moderately turbid water in vernal pools. The waters have moderate to high dissolved solids.			burned in the Camp Fire likely killing any fairy shrimp in the soil if they were present prior.
Danaus plexippus	Monarch butterfly	PT	Monarch Butterflies are found in meadows, gardens, and open fields across North America. Breeds in summer and migrates to central Mexico for winter. Their diet consists primarily of milkweed (*Asclepias* spp.) during the larval stage, while adults feed on nectar from a variety of flowering plants, including goldenrod (*Solidago* spp.) and asters (*Aster* spp.).	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lack milkweed, a plant necessary as an egg-laying site and food source for larvae but adults will utilize a wide variety of flowering plants as a nectar source during migration.
Listed Mammals						
Canis lupus	Gray wolf	FE, SE	The gray wolf is the largest member of the dog family (*Canidae*) and well known for their social structure of occurring in packs, or as a group of numerous individuals. Long extirpated from California, they have since dispersed from neighboring states back into California where there are nine confirmed packs with an unknown number of individuals within each pack. Gray wolves are known to inhabit a wide variety of habitats as they occur over much of northern North America. In California they largely occur in the northern reaches of the state where they occupy woodlands, forests, and grasslands. These large carnivores eat a variety of prey from small species like ground squirrels and rabbits to large ungulates like elk and deer.	Yes	No	**No Potential for Occurrence in the BSA.** The BSA lacks all suitable habitat and occurs in an urbanized enough area to discourage use or travel through the area.
Listed Reptiles						
Actinemys marmorata (=*Actinemys marmorata marmorata*)	Northwestern pond turtle (=northern western pond turtle)	FPT, CDFW: SSC, BLM:S, USFS:S, IUCN: VU	Requires stagnant or slow-moving water in aquatic habitats. Uncommon in high gradient streams. Found in ponds, lakes, rivers, streams, creeks, marshes, and irrigation ditches, with abundant vegetation, and either rocky or muddy bottoms, in woodland, forest, and grassland. In streams, prefers pools to shallower areas. Logs, rocks, cattail (*Typha* sp.) mats, and exposed banks are required for basking. May enter brackish water and even seawater. This species has a versatile diet of invertebrates, small amphibians, algae, and carrion.	Yes	No	**No Potential for Occurrence in the BSA**. The BSA lacks suitable aquatic and upland habitat to support this species.
Sensitive Wildlife: These animals have no official status under the ESA and/or the CESA; however they are designated as sensitive or locally important by federal agencies, state agencies, and/or local conservation agencies and organizations.						
Sensitive Birds						
Toxostoma redivivum	California thrasher	BCC	Nests and forages in chaparral of coastal and foothill areas, as well as in nearby areas with junipers, pines, and oaks with plenty of underbrush, including sagebrush. Usually on or near ground. Breed in nests in bush or small tree. Nest constructed by both adults.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lacks sufficient underbrush but offers some opportunities for foraging.
Haemorhous cassinii	Cassin's finch	BCC	This species is found throughout conifer belts of North America's western interior mountains. They breed at elevations between 3,000 and 10,000 feet in lodgepole pines, ponderosa pines, Jeffrey pines, Douglas-firs, pinyon-pines, and bristlecone pines. This species occasionally breeds within open sage scrub with scattered western junipers. Wintering sites often occur within the same range but at slightly lower elevations or further south.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA falls outside of their breeding elevation but potential for occurrence during migration to or from wintering grounds.
Megascops kennicottii	Long-eared owl	BCC, CDFW: SSC	Long-eared owls nest in conifer, oak, riparian, pinyon-juniper, and desert woodlands that are either open or are adjacent to grasslands, meadows, or shrublands. Key habitat components are dense cover for nesting and roosting, suitable nest platforms, and open foraging areas. The long-eared owl appears to be more associated with forest edge habitat than open or forest habitat.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lacks dense cover for nesting and roosting. Occurrence potential limited to foraging opportunities.
Contopus cooperi	Olive-sided flycatcher	BCC, CDFW: SSC	They breed mostly in coniferous forests in high mountains where tall trees overlook canyons, meadows, lakes or other open terrain. They are mostly associated with edges, openings, and natural and human-created clearings in otherwise relatively dense forests, but they also occupy semi-open forests and burned forests. They require large, tall trees, usually conifers, for nesting and roosting sites. In the Sierra Nevada, it is more abundant in open mixed conifer and	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA contains some conifers but falls lacks the characteristics of where they typically occur. Occurrence potential limited to foraging opportunities.

Scientific Name (=Synonym)	Common Name (=Synonym)	Status	General Habitat Descriptions in California	The BSA:		Potential For Occurrence in the BSA
				Located Within Species' Distribution and/or Elevation Range (if known)	Contains Suitable Foraging, Roosting, and/or Breeding Habitats	
			California red forest then in closed-canopy forest. High in the White Mountains, this species is associated with limber pine, western bristlecone pine, and lodgepole pine (*Pinus contorta*), preferring mature open stands. In bigcone Douglas-fir (*Pseudotsuga macrocarpa*) forests in northwestern California, the species is detected more often at forest edges than in forest interiors. They also nest near the coast in tall trees, including eucalyptus (*Eucalyptus* sp.) in foothill canyons. Nests in California are mostly in conifers, but may be in a variety of species including willows (*Salix* sp.), alders (*Alnus* sp.), oaks and eucalyptus.			
Megascops kennicottii	Western screech owl	BCC	Lives in forested habitats, in bands of deciduous trees along drainage or canyons. Prefers cottonwood, aspen, alder, oaks, and bigleaf maple. Also found in suburbs, parks, deserts, coastal areas, and mountainous regions up to 6,000 feet in elevation.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lacks suitable nesting and roosting habitat but can occur near urbanized areas. Occurrence potential limited to foraging opportunities.
Picoides albolarvatus	White-headed woodpecker	BCC	Montane coniferous forest, primarily pine and fir, with a relatively open canopy and the presence of numerous snags or stumps. Highest abundances occur in old-growth stands, particularly ones with a mix of two or more pine species. Uncommon or absent in monospecific Ponderosa pine (*Pinus ponderosa*) forests and stands dominated by small-coned or closed-cone conifers (e.g., lodgepole pine [*Pinus contorta*] or knobcone pine [*Pinus attenuata*]). Excavates a cavity in a large diameter dead conifer, stump, or fallen log.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lacks suitable nesting and roosting habitat. BSA contains trees that could be used for foraging opportunities
Chamaea fasciata	Wrentit	BCC	Found in dense chaparral, coastal scrub, riparian scrub and oak woodland with dense vegetation. Extremely site-tenacious and very unlikely to be found out of habitat or out of range.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA falls outside of their typical occurrence area. As the species is very site-tenacious it is unlikely to be found outside of its home range.
Passerculus sandwichensis beldingi	Belding's savannah sparrow	USFWS:BCC SE	This small, inconspicuous, ground dwelling species is a subspecies of the Savannah sparrow (*P. sandwichensis*) and can be distinguished by its darker and heavier streaking as well its smaller beak profile. This species is a salt marsh specialist and commonly associated with pickleweed marshes of Southern California where they will reside year-round. This species has a small breeding territory and will nest semi-colonially or locally concentrated within the upper littoral or maritime zones, nests will be constructed near or on the ground.	No	No	**No Potential for Occurrence in the BSA.** The BSA does not contain the salt marsh or marsh habitat for which this species is known to inhabit.
Icterus bullockii	Bullock's oriole	BCC	This species is found in western North America, northeastern Mexico, and southwestern Canada. They breed in open deciduous woodlands, scrubland, and riparian corridors. Bullock's orioles nest from late spring to early summer in willows (*Salix* spp.), cottonwoods (*Populus* spp.), sycamores *(Platanus* spp.), madrones (*Arbutus* spp.), and mesquite trees (*Prosopis* spp.) at approximately 10-25' above ground at habitat edges. It migrates to Mexico and Central America for winter. Can adapt to pecan trees (*Carya illinoinensis*) in orchards, irrigated fields, ranches, parks, and street trees. Its diet includes caterpillars (e.g., *Lonomia obliqua*) and beetles (e.g., *Chrysomela scripta*), fruits like mulberries (*Morus* spp.) and cherries (*Prunus* spp.), and nectar from flowering plants, using the "gaping" method to extract juices with their brush-like tongues	Yes	Yes	**Low Potential for Occurrence in the BSA.** The BSA falls outside of their typical occurrence area. Potential for occurrence during migration to and from their summer/winter range.
Spinus lawrencei	Lawrences goldfinch	USFWS:BCC	Habitats include oak woodland, chaparral, riparian woodland, valley foothill hardwood-conifer, pinyon-juniper woodlands, palm oasis, usually near water. Breeding occurs predominately in open woodlands of arid and semiarid foothills and valleys, usually near water from sea level near the coast and in some interior valleys to nearly 2,900 meters in southern California. Nearby herbaceous habitats are often used for feeding. Nests are in evergreen oaks, conifers, or deciduous trees.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lacks suitable nesting and roosting habitat, further, this species is uncommon to the area.
Circus hudsonius	Northern harrier	USFWS:BCC CDFW:SSC	Northern Harriers are found in open grasslands, fields, and marshes across North America. They breed in these habitats from April to August and migrate to the southern U.S. for winter, nesting on the ground in dense vegetation or tall grass. Their diet primarily consists of small	Yes	Yes	**No Potential for Occurrence in the BSA.** The BSA lacks open grasslands and fields that these species are typically associated with. This

Scientific Name (=Synonym)	Common Name (=Synonym)	Status	General Habitat Descriptions in California	The BSA:		Potential For Occurrence in the BSA
				Located Within Species' Distribution and/or Elevation Range (if known)	Contains Suitable Foraging, Roosting, and/or Breeding Habitats	
			mammals such as voles (*Microtus* spp.), insects, and the occasional small bird.			species occupies the valley bottom.
Dryobates nuttallii	Nuttall's woodpecker	USFWS:BCC	Nuttall's woodpeckers inhabit open oak woodlands at 900-5,000' in elevation, wooded suburban land, and riparian areas with fewer oak trees than surrounding areas. They are year-round residents that breed from March to July. This species feeds on insects such as beetles (e.g., *Acanthocinus aedilis*) and ants, as well as oak (*Quercus* spp.) sap and seeds. It prefers mature oak trees for nesting and foraging. Its diet primarily consists of insects (found on oak trees, cottonwoods, and willows) and occasionally fruit such as elderberries (*Sambucus canadensis*), poison oak (*Toxicodendron diversilobum*), blackberries (*Rubus* spp.).	Yes	No	**Low Potential for Occurrence in the BSA**. The BSA contains oak trees, a genus associated with the species, but lacks suitable habitat to support nesting or roosting. Occurrence limited to utilization of trees and blackberry on site for forage.
Baeolophus inornatus	Oak titmouse	USFWS:BCC	The oak titmouse inhabits a specific range between southwest Oregon to Baja California. They are primarily found in oak or pine woodlands, and will use scrub oaks and similar vegetation if they are near these preferred habitats. This species will exclusively live in open pine forests when in central California. This species breeds from March to August and nests in cavities up to 40' above ground. They prefer a warm and dry climate. Their diet includes insects such as caterpillars (e.g., Geometridae) and spiders, as well as seeds and acorns.	Yes	No	**Low Potential for Occurrence in the BSA**. The BSA lacks suitable nesting and roosting habitat, occurrence limited to foraging for acorns and insects.
Sensitive Mammals						
Lasionycteris noctivagans	Silver-haired bat	IUCN: LC	Summer habitats include coastal and montane coniferous forests, valley foothill woodlands, pinyon-juniper woodlands, and valley foothill and montane riparian habitats. Summer range is generally below 9,000 feet. Roosts in hollow trees, snags, buildings, rock crevices, caves, and under bark. Primarily a forest dweller, feeding over streams, ponds, and open brushy areas.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA contains trees that may be used for roosting with open habitat that may be utilized for foraging. Modern occurrences in this area are rare.
Myotis yumanensis	Yuma myotis	BLM: S, IUCN: LC	Optimal habitats are open forests and woodlands with sources of water over which to feed. Distribution is closely tied to bodies of water, which it uses as foraging sites and sources of drinking water. This species usually feeds over water sources such as ponds, lakes, streams, and stock tanks. It is common in wooded canyon bottoms. The Yuma myotis roosts in buildings, mines, caves, or crevices. The species also has been seen roosting in abandoned swallow nests and under bridges. Separate, often more open, night roosts may be used. Maternity colonies of several thousand females and young may be found in buildings, caves, mines, and under bridges.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA contains trees that may be used for roosting with open habitat that may be utilized for foraging. Modern occurrences in this area are rare.
Sensitive Reptiles						
Phyrnosoma blainvillii	Coast horned lizard	BLM: S, CDFW: SSC, IUCN: NT	Found in a wide variety of vegetation types including coastal sage scrub, annual grassland, chaparral, oak woodland, riparian woodland and coniferous forest. In inland areas, this species is restricted to areas with pockets of open microhabitat, created by disturbance (e.g., floods, fire, roads, grazed areas, fire breaks). The key elements of such habitats are loose, fine soils with a high sand fraction; an abundance of native ants or other insects; and open areas with limited overstory for basking and low, but relatively dense shrubs for refuge.	Yes	No	**Low Potential for Occurrence in the BSA.** The BSA lacks the loose fine soils for which this species utilizes, potential for occurrence limited to potential foraging opportunities. It has a recent sighting in the nearby area.

Legend and Notes

Notes

- **Yes** = the BSA is located within the wildlife species' known distribution, elevation range, and/or the BSA contains suitable habitats or conditions to support the species. The wildlife species has the potential to occur within the BSA. Further evaluation is needed.
- **No** = the BSA is located outside the wildlife species' known distribution, elevation range, and/or the BSA lacks suitable habitats or conditions to support the species. It is highly unlikely for the wildlife species to have a potential to occur within the BSA. No further evaluation is needed.
- **DPS = distinct population segment:** A DPS, or a distinct population segment, is a vertebrate population or group of populations that is discrete from other populations of the species and significant in relation to the entire species. The ESA provides for listing species, subspecies, or distinct population segments of vertebrate species.
- **ESU = evolutionarily significant unit:** a Pacific salmon population or group of populations that is substantially reproductively isolated from other conspecific populations and that represents an important component of the evolutionary legacy of the species.

Legend and Notes

Federal Endangered Species Act (ESA) Listing Codes: the ESA is administered by the USFWS and NMFS. The USFWS has primary responsibility for terrestrial and freshwater organisms, while the responsibilities of NMFS are mainly marine wildlife such as whales and anadromous fish such as salmon. For the purposes of the ESA, Congress defined species to include subspecies, varieties, and, for vertebrates, distinct population segments. The official federal listing of Endangered and Threatened animals is published in 50 CFR § 17.11.

- **FE = federally listed as endangered:** any species of plant or animal that is in danger of extinction throughout all or a significant portion of their range.
- **FT = federally listed as threatened:** any species of plant or animal that is considered likely to become endangered throughout all or a significant portion of its range within the foreseeable future.
- **FC = federal candidate for listing:** candidate species are plants and animals for which the USFWS has sufficient information on their biological status and threats to propose them for listing as endangered or threatened under the ESA, but for which development of a proposed listing regulation is precluded by higher priority listing actions to address species in greater need. A proposed regulation has not yet been published in the Federal Register for these species.
- **FPE = federally proposed for listing as endangered:** a candidate species that has been proposed by USFWS or NMFS for listing as endangered and the proposed rule, but not a final rule, to list has been published in the Federal Register.
- **FPT = federally proposed for listing as threatened:** a candidate species that has been proposed by USFWS or NMFS for listing as threatened and the proposed rule, but not a final rule, to list has been published in the Federal Register.
- **FPD = federally proposed for delisting:** a species that has been proposed by USFWS or NMFS for delisting (or down listing from endangered to threatened) and the proposed rule to delist has been published in the Federal Register.

California Endangered Species Act (CESA) Listing Codes: the CESA is administered by CDFW. The official listing of *Animals of California Declared To Be Endangered or Threatened* is contained in the California Code of Regulations, Title 14, § 670.5. Species and subspecies of California native animals are declared to be endangered or threatened as defined by §§ 2062 and 2067 of the Fish and Game Code.

- **SE = state-listed as endangered:** "endangered species" means a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant which is in serious danger of becoming extinct throughout all, or a significant portion, of its range due to one or more causes, including loss of habitat, change in habitat, overexploitation, predation, competition, or disease (Fish and Game Code § 2062).
- **ST = state-listed as threatened:** "threatened species" means a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that, although not presently threatened with extinction, is likely to become an endangered species in the foreseeable future in the absence of the special protection and management efforts (Fish and Game Code § 2067).
- **SCE = state candidate for listing as endangered:** a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that the Fish and Game Commission has formally noticed published in the California Regulatory Notice Register as being under review by CDFW for addition to the list of endangered species, or a species for which the Fish and Game Commission has published a notice of proposed regulation to add the species to the list (Fish and Game Code § 2068).
- **SCT = state candidate for listing as threatened:** a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that the Fish and Game Commission has formally noticed by publication in the California Regulatory Notice Register as being under review by CDFW for addition to the list of threatened species, or a species for which the Fish and Game Commission has published a notice of proposed regulation to add the species to the list (Fish and Game Code § 2068).
- **SCD = state candidate for delisting:** a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that the Fish and Game Commission has formally noticed published in the California Regulatory Notice Register as being under review by CDFW for removal from either the list of endangered species or the list of threatened species, or a species for which the Fish and Game Commission has published a notice of proposed regulation to remove the species to either list.

California Department of Fish and Wildlife (CDFW) Designations:

For some wildlife species, the CNDDB is only concerned with specific portions of the life history, such as roosts, rookeries, or nesting colonies. For many species of birds, the primary emphasis is on the breeding population in California. For some species which do not breed in California but winter here, emphasis is on wintering range. The SSC designation thus may include a comment regarding the specific protection provided such as nesting or wintering

- **SSC = species of special concern:** a species of special concern is a species, subspecies, or distinct population of an animal (fish, amphibian, reptile, bird and mammal) native to California that currently satisfies one or more of the following (not necessarily mutually exclusive) criteria: is extirpated from the state or, in the case of birds, in its primary seasonal or breeding role; is listed as federally-, but not state-, threatened or endangered; meets the state definition of threatened or endangered, but has not formally been listed; is experiencing, or formerly experienced, serious (noncyclical) population declines or range retractions (not reversed) that, if continued or resumed, could qualify it for state threatened or endangered status; has naturally small populations exhibiting high susceptibility to risk from any factor(s), that if realized, could lead to declines that would qualify it for state threatened or endangered status.
- **Fully protected:** fully protected animal species may not be taken or possessed at any time and no licenses or permits may be issued for their take except for collecting these species for necessary scientific research and relocation of the bird species for the protection of livestock. Lists were created for fish (Fish and Game Code § 5515), amphibians and reptiles (Fish and Game Code § 5050), birds (Fish and Game Code § 3511) and mammals (Fish and Game Code § 4700).
- **WL = watch list:** this list includes birds identified in the *California Bird Species of Special Concern* (Shuford and Gardali, 2008) report and are not on the current CDFW species of special concern list, but were on previous lists and they have not been state-listed under CESA; were previously state or federally listed and now are on neither list; or are on the list of fully protected species.
- **Special Animals List:** the CESA does not allow listing of insects, so despite the insect's precarious status, the insect has no protection under state legislation. CDFW includes this insect on its Special Animals List.
- **California Fish and Game Code §§ 4800 – 4810:** The mountain lion (genus Puma) is a specially protected mammal under the laws of California. It is unlawful to take, injure, possess, transport, import, or sell any mountain lion or any part or product thereof, except as specifically provided in California Fish and Game Code §§ 4800 - 4810.
- Protected by § 460 of the California Code of Regulations [CCR], Title 14.

Global Ranking

The global rank (G-rank) is a reflection of the overall status of an element throughout its global range.

- GX: Presumed Extinct – Not located despite intensive searches and virtually no likelihood of rediscovery.
- GH: Possibly Extinct – Known from only historical occurrences but still some hope of rediscovery. Examples of evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching and/or some evidence of significant habitat loss or degradation; (2) that a species has been searched for unsuccessfully, but not thoroughly enough to presume that it is extinct throughout its range.
- G1: Critically Imperiled – At very high risk of extinction due to very restricted range, very few populations or occurrences, very steep declines, very severe threats, or other factors.
- G2: Imperiled – At high risk of extinction due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.
- G3: Vulnerable – At moderate risk of extinction due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.
- G4: Apparently Secure – At fairly low risk of extinction due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.
- G5: Secure – At very low risk of extinction due to a very extensive range, abundant populations or occurrences, and little to no concern from declines or threats.
- GNR: Unranked – Global rank not yet assessed.

State Ranking:

Legend and Notes

The state rank (S-rank) is assigned in much the same way as the global rank, but state ranks refer to the imperilment status only within California's state boundaries.

- **SX: Presumed Extirpated – Species is believed to be extirpated from the state Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered**
- **SH: Possibly Extirpated – Known from only historical records but still some hope of rediscovery. There is evidence that the species may no longer be present in the state, but not enough to state this with certainty. Examples of such evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching and/or some evidence of significant habitat loss or degradation; (2) that a species has been searched for unsuccessfully, but not thoroughly enough to presume that it is no longer present in the jurisdiction.**
- **S1: Critically Imperiled – At very high risk of extirpation in the state due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.**
- **S2: Imperiled – At high risk of extirpation in the state due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.**
- **S3: Vulnerable – At moderate risk of extirpation in the state due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.**
- **S4: Apparently Secure – At a fairly low risk of extirpation in the state due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of recent declines, threats, or other factors.**
- **S5: Secure – At very low or no risk of extirpation in the state due to a very extensive range, abundant populations or occurrences, and little to no concern from declines or threats.**
- **SNR: Unranked – State rank not yet assessed.**

United States Fish and Wildlife Service (USFWS) Designations:

- **FSC = federal species of concern:** federal species of concern is an informal term. It is not defined in the ESA. The term commonly refers to species that are declining or appear to be in need of conservation.
- **BCC = bird of conservation concern:** a bird of conservation concern is listed in the USFWS' 2008 *Birds of Conservation Concern* report. The report identifies species, subspecies, and populations of all migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that, without additional conservation actions, are likely to become candidates for listing under the ESA. While all of the bird species included in the report are priorities for conservation action, the list makes no finding with regard to whether they warrant consideration for ESA listing.

4.3. BIOLOGICAL RECONNAISSANCE SURVEY

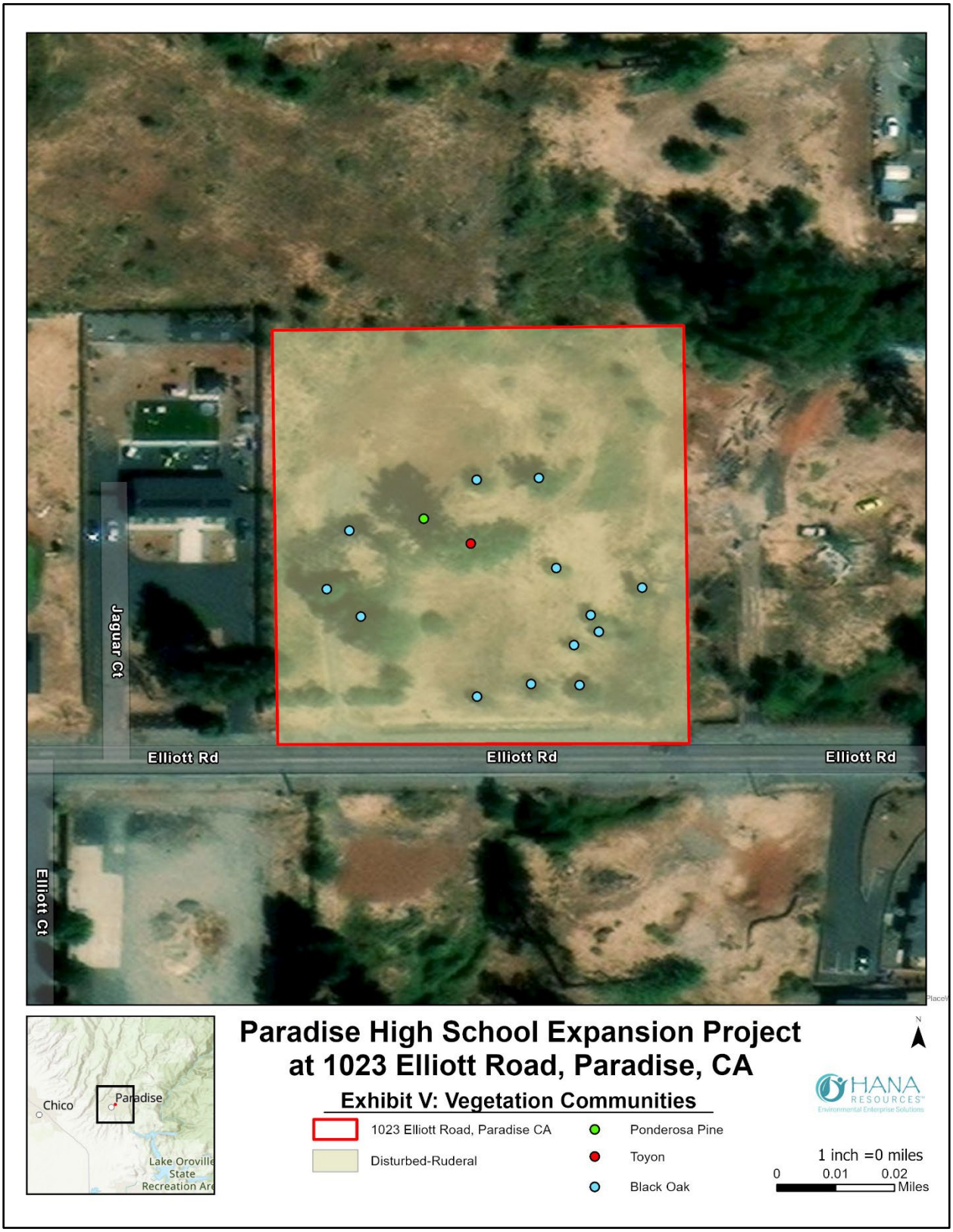
4.3.1. Vegetation

4.3.1.1. Vegetation Communities Descriptions

Determining vegetation communities is critical for understanding the natural processes of the area and informs potentials for wildlife and plant species to occur. Due to the disturbed nature of the BSA the Holland vegetation classification was used (1986). This classification relies on more qualitative or descriptive analysis compared to the 2009 Manual of California Vegetation which relies on quantitative measurements (i.e. vegetation transects) (Sawyer et al.). One vegetation community was determined within the site. Description of this community found within is discussed below. A map that illustrates all onsite plant communities is included in **Exhibit V,** *Vegetation Communities.*

Disturbed - Ruderal
Disturbed/Developed areas are those with a high percentage of non-native vegetation with a low to zero percentage of native vegetation. The project areas are largely dominated by non-native species such as French broom (*Genista monspessulana*), Himalayan blackberry (*Rubus armeniacus*), and yellow starthistle (*Centaurea solstitialis*). A cluster of common oleander (*Nerium oleander*) was found in the southwestern corner of the site adjacent to the property entrance and growing along the fence on the western border. Scotch broom (*Cytisus scoparius*) was found along the same fence further north on the western border. Native trees including black oak (*Quercus kelloggii*), sugar pines (*Pinus lambertiana*), and toyon (*Heteromeles arbutifolia*) were present in patches across the project site. The majority of the project site is open habitat, consisting of annual grasses and woody debris.

Exhibit V. Vegetation Communities



4.3.1.2. Sensitive Natural Communities

Sensitive natural communities are communities that are of limited distribution statewide or within a county or region and are often vulnerable. These communities may or may not contain special-status plants or their habitat. The literature review and survey found no sensitive vegetation communities within the BSA.

4.3.2. Plant Species

4.3.2.1. General

Plant species observed or detected during the site survey were characteristic of the existing site conditions. A full list of the plant species detected within the Survey Area is included in **Appendix C**, *Plant & Wildlife Species Observed/Detected Onsite*.

4.3.2.2. Special-Status Species

Of the sixty-seven (67) special-status plant species found during the literature review five (5) species have *moderate* potential for occurrence, fifteen (15) have *low* potential for occurrence, and forty-seven (47) have *no* potential to occur in the BSA. Focused surveys are required for any federal and/or state listed endangered species with potential to occur on site when the species is in bloom to ensure it is both evident and identifiable during the survey. This site was previously a residential property that burned during the 2018 Camp Fire. Because of the survey area's disturbed habitat dominated by non-native vegetation post-fire and proximity to other homes, there is low to no potential for occurrence in the survey area for the sensitive species identified in the literature review. No focused botanical surveys are required.

4.3.3. Wildlife

4.3.3.1. General

Wildlife species observed or detected during the site survey were characteristic of the existing site conditions. A full list of the wildlife species detected within the Survey Area is included in **Appendix C**, *Plant & Wildlife Species Observed/Detected Onsite*.

Birds

Seventeen (17) species were observed/detected within the BSA during the reconnaissance field surveys.

- American crow (*Corvus brachyrhynchos*)
- common raven (*Corvus corax*)
- California scrubjay (*Aphelocoma californica*)
- oak titmouse (*Baeolophus inornatus*)
- Anna's hummingbird (*Calypte ana*)
- Turkey vulture (cathartes aura)
- California towhee (*Melozone crissalis*)
- Western bluebird (*Sialia mexicana*)
- Bewick's wren (*Thryomanes bewickii*)
- American robin (*Turdus migratorius*)
- house finch (*Haemorhous mexicanus*)
- mourning dove (*Zenaida macroura*)
- song sparrow (*Melospiza melodia*)
- white-crowned sparrow (*Zonotrichia leucophrys*)
- golden-crowned sparrow (*Zonotrichia atricapilla*)
- dark-eyed junco (*Junco hyemalis*)
- acorn woodpecker (*Melanerpes formicivorus*)

Amphibians

One (1) common amphibian species, the Sierran treefrog (*Pseudacris sierra*), was detected aurally.

Mammals

No mammals were detected during the survey; however, during the site visit a neighbor reported regular sightings of mule deer (*Odocoileus hemionus*) and an unknown fox (*Vulpes vulpes* or *Urocyon cinereoargenteus*) species.

4.3.3.2. Sensitive Wildlife Species

None of the thirty (30) special-status wildlife species identified in the literature review were present in the BSA, nor did any of the species have a high or moderate potential for occurrence.

SECTION 5. CONCLUSIONS AND RECOMMENDATIONS

5.1. SENSITIVE SPECIES

5.1.1. Sensitive Plants

Of the sixty-seven (67) sensitive plant species identified in the literature review were present within the BSA, five (5) have a moderate potential for occurrence on site, fifteen (15) have low potential for occurrence, and the remaining forty-seven (47) have no potential for occurrence. Focused surveys are required for any federal and/or state listed endangered species with potential to occur on site when the species is in bloom to ensure it is both evident and identifiable during the survey. Because the two (2) federally listed species identified in the literature review have no potential for occurrence, as well as the survey area containing disturbed habitat from both development and fire, no focused botanical surveys are required.

5.1.2. Sensitive Wildlife

Of the thirty (30) sensitive wildlife species identified in the literature review, twelve (12) have a low potential to occur due to potential foraging opportunities on site, and eighteen (18) have no potential to occur in the Survey Area. The BSA, while largely occurring as a migratory pathway and not providing suitable breeding or nesting habitat to resident or breeding species, should be treated with the potential for nesting to occur. To minimize impacts, vegetation clearing or ground disturbing activities should be conducted during the non-breeding season (September 1 to February 14) in order to limit impacts to nesting birds. If vegetation clearing or ground disturbing activities need to take place during breeding season (February 15 through August 31), in order to remain in compliance with the Migratory Bird Treaty Act, a pre-construction nesting bird survey(s) will be required. The last survey day should be conducted a minimum of three days prior to the start of work.

SECTION 6. REFERENCES

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APPENDIX A

SITE PHOTOGRAPHS



Photo 1: Site overview. View of the site from the southeast corner of the parcel looking southeast. Drainage here guides the R4SBC wetland under the road.



Photo 2: Site overview. View of the site from the southeast section of the parcel looking north along the eastern side of the parcel.



Photo 3: Site overview. View of the site from the southeast section of the parcel looking west along Elliott Road and the southern edge of the parcel. Drainage that runs parallel to Elliott Road seen here.



Photo 4: Site overview. View of the site from the entrance to the parcel in the southwest section of the parcel looking North.



Photo 5: Site overview. View of the site from the southwest corner of the parcel looking north along western edge of the parcel.



Photo 6: Site overview. View of the southwestern corner of the parcel at the boundary line. Runoff drains down here into the side drainage mentioned in wetlands.



Photo 7: **Site overview.** View of the site from the northwest corner of the parcel looking northwest.



Photo 8: Site overview. View of the site from the northwest corner of the parcel looking northeast.



Photo 9: Site overview. View of the site from the northwest corner of the parcel looking south along the western edge of the parcel.



Photo 10: Site overview. View of the site from the northeast corner of the parcel looking northeast.



Photo 11: Site overview. View of the site from the northeast corner of the parcel looking northwest



Photo 12: Site overview. View of the site from the northeast corner of the parcel looking southwest. Looking across the property.



Photo 13: Site overview. View of the site from the northeast corner of the parcel looking south along the eastern boundary of the parcel.



Photo 14: Site overview. Example of open grassy herbaceous layer that dominates the site.



Photo 15: Upstream of the R4SBC wetland, within 500-foot buffer of parcel.



Photo 16: Toyon found on property.



Photo 17: Grouping of black oaks along parcel driveway.



Photo 18: sugar pine found on parcel.

APPENDIX B

BIOLOGICAL RECONNAISSANCE SURVEY FIELD FORMS

HANA

Biological Reconnaissance Survey Field Form

Date: 2/9/25 **Project Name:** Paradise USD Barn Project

Job #: 7123 **Client:** Placeworks

Surveyor(s): Candace Reynolds, Senior Biologist

LOCATION DESCRIPTION

Site Address: 1023 Elliot Rd **City, State:** Paradise, CA

Habitat Types Present: (BSA) mixed chaparral, *montane hardwood-conifer, ponderosa pine, blue oak woodland, urban, barren

Current Land Uses: (BSA) developed-open space, low intensity, medium intensity, residential

Start (time)	725am
Temp (ºF)	44°F
Cloud Cover (%)	0
Precipitation	0
Wind (mph)	NE 9

End (time)	10:25am
Temp (ºF)	51°F
Cloud Cover (%)	0
Precipitation	0
Wind (mph)	NNE 6

NOTES: (Nest locations and species behavioral notes, disturbances, habitat conditions, etc.)

Habitat assessment – more oaks present on site in patches, mostly black oak. Most of site is scrub/open/disturbed w/ high invasives

Plant community mapping: mapped oaks and pines and french broom population; rest all woody debris, herbaceous layer w/ mixed invasives, lots of blackberry and yellow star thistle.

Wildlife survey: many bird observations and chorus frog, but no other wildlife observed. Next door neighbor sees a fox around, deer, and has heard an owl from tree, but I didn't observe them

Burrowing owl habitat assessment: None observed, but a few sites that could be potential habitat suitable for burrowing owl – mapped sites

Drainage channel not listed was observed from pleasant ln running north to south along west side of project area. Drainage every year for at least last few years according to neighbor. Runs thru their property.

Wildlife movement evaluation: I did see tracks into french broom and neighbor has confirmed she's seen mule deer

PLANT SPECIES OBSERVATIONS

PLANT SPECIES PRESENT Specify plant layer as herb (h), shrub (s), or tree (t)	
Species	**Layer**
Oleander	t
yellow star thistle	h
himalayan blackberry	S
eagleof spurge	h
blue oak	t
wall bedstraw	h
black oak	t
-french broom	S
ponderosa pine	t
daffodil	h
bristly dogtail grass	h
toyon	s
common mullein	h
hairy curtain crust	fungi
greater periwinkle	h
Bromus diandrus	h
deergrass	h
bear's breeches	h
bull thistle	h
soft rush	h
spreading rush	h
Deerbrush	S
whiteleaf manzanita	S
white horehound	h
CA insence cedar	T
gray pine	t
redwood	t
sugar pine	t
shining netvein barberry	h
caper spurge	h
scotch broom	S

PLANT SPECIES PRESENT Specify plant layer as herb (h), shrub (s), or tree (t)	
Species	**Layer**

Biologist Signature: Candace Reynolds **Date:** 2/9/25

WILDLIFE SPECIES OBSERVATIONS

WILDLIFE SPECIES PRESENT Specify observation type as aural (a), sign (s), or visual (v)	
Species	**Observation**
CA Scrub jay	a, v
Turkey vulture	v
Anna's hummingbird	v
Golden-crowned Sparrow	a, v
CA towhee	a, v
House finch	a, v
Dark-eyed Junco	a
oak titmouse	a
American robin	a
Mourning Dove	v
White-crowned sparrow	v
Bewick's wren	a
common raven	a, v
american crow	a, v
chorus frog	a
acorn woodpecker	v
Song sparrow	a
western bluebird	v

WILDLIFE SPECIES PRESENT Specify observation type as aural (a), sign (s), or visual (v)	
Species	**Observation**

Biologist Signature: Candace Reynolds **Date:** 2/9/25

APPENDIX C

PLANT & WILDLIFE SPECIES OBSERVED/DETECTED ONSITE

Plants		
Scientific Name	**Common Name**	**Special Status**
EUDICOTS		
Apocynaceae – Dogbane Family		
*Nerium oleander**	common oleander	
*Vinca major**	greater periwinkle	
Asteraceae – Sunflower Family		
*Centaurea solstitialis**	yellow starthistle	
*Cirsium vulgare**	bull thistle	
Berberidaceae – Barberry Family		
Berberis aquifolium var. dictyota	shining netvein barberry	
Ericaceae – Heath Family		
Arctostaphylos viscida	sticky whiteleaf manzanita	
Euphorbiaceae – Spurge Family		
*Euphorbia lathyris**	caper spurge	
*Euphorbia oblongata**	eggleaf spurge	
Fabaceae – Legume Family		
*Cytisus scoparius**	Scotch broom	
*Genista monspessulana**	French broom	
Fagaceae – Oak/Beech Family		
Quercus douglasii	blue oak	
Quercus kelloggii	black oak	
Lamiaceae – Mint Family		
*Marrubium vulgare**	white horehound	
Rhamnaceae – Buckthorn Family		
Ceanothus integerrimus	deer brush	
Rosaceae – Rose Family		
Heteromeles arbutifolia	toyon	
*Rubus armeniacus**	Himalayan blackberry	
Rubiaceae – Madder Family		
*Galium parisiense**	wall bedstraw	
Scrophulariaceae – Figwort Family		
*Verbascum thapsus**	woolly mullein	
MONOCOTS		
Amaryllidaceae – Amaryllis Family		
*Narcissus pseudonarcissus**	wild daffodil	
Poaceae – Grass Family		
*Bromus diandrus**	great brome	
*Cynosurus echinatus**	bristly dogstail grass	
Muhlenbergia rigens	deer grass	
Juncaceae – Rush Family		
Juncus effusus	bog rush	
Juncus patens	spreading rush	
Gymnosperms		
Cupressaceae – Cypress Family		
Calocedrus decurrens	California incense ceder	
Sequoia sempervirens	coast redwood	
Pinaceae – Pine Family		
Pinus lambertiana	sugar pine	

Pinus ponderosa	ponderosa pine	
Pinus sabiniana	gray pine	
Legend		
*= Non-native/ invasive species		
Special Status:	CRPR – California Rare Plant Rank	
Federal:	1A. Presumed extinct in California	
FE = Endangered	1B. Rare or Endangered in California and elsewhere	
FT = Threatened	2. Rare or Endangered in California, more common elsewhere	
	3. Plants for which we need more information - Review list	
State:	4. Plants of limited distribution - Watch list	
SE = Endangered		
ST =Threatened	Threat Ranks	
	.1 - Seriously endangered in California	
	.2 - Fairly endangered in California	

WILDLIFE		
Scientific name	**Common Name**	**Special Status**
Amphibians		
Pseudacris sierra	Sierran treefrog	
Birds		
Aphelocoma californica	California scrubjay	
Baeolophus inornatus	oak titmouse	
Calypte anna	Anna's hummingbird	
Cathartes aura	turkey vulture	
Corvus brachyrhynchos	American crow	
Corvus corax	common raven	
Haemorhous mexicanus	house finch	
Junco hyemalis	dark-eyed junco	
Melanerpes formicivorus	acorn woodpecker	
Melospiza melodia	song sparrow	
Melozone crissalis	California towhee	
Sialia mexicana	western bluebird	
Thryomanes bewickii	Bewick's wren	
Turdus migratorius	American robin	
Zenaida macroura	mourning dove	
Zonotrichia atricapilla	golden-crowned sparrow	
Zonotrichia leucophrys	white-crowned sparrow	
Legend:		
*=Non-native or invasive species		
Federal:		
FE = Endangered		
FT = Threatened		
State:		
SE = Endangered		
ST =Threatened		
CSC = California Species of Special Concern		
CFP = California Fully Protected Species		

APPENDIX D

USDA NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Butte Area, California, Parts of Butte and Plumas Counties

1023 Elliott Road, Paradise CA



February 4, 2025

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.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

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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

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

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



Map Scale: 1:657 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 5 10 20 30

Feet
0 30 60 120 180

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

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: Butte Area, California, Parts of Butte and Plumas Counties
Survey Area Data: Version 22, Sep 4, 2024

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

Date(s) aerial images were photographed: Jun 3, 2023—Sep 8, 2023

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

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
829	Paradiso loam, 2 to 15 percent slopes	1.9	100.0%
Totals for Area of Interest		**1.9**	**100.0%**

Map Unit Descriptions

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, 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.

Butte Area, California, Parts of Butte and Plumas Counties

829—Paradiso loam, 2 to 15 percent slopes

Map Unit Setting

National map unit symbol: hh0d
Elevation: 1,220 to 3,730 feet
Mean annual precipitation: 35 to 73 inches
Mean annual air temperature: 54 to 59 degrees F
Frost-free period: 145 to 255 days
Farmland classification: Not prime farmland

Map Unit Composition

Paradiso, loam, and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Paradiso, Loam

Setting

Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Mountaintop
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Clayey residuum weathered from volcanic rock

Typical profile

Oi - 0 to 2 inches: slightly decomposed plant material
A - 2 to 4 inches: loam
ABt - 4 to 9 inches: clay loam
Bt1 - 9 to 16 inches: clay loam
Bt2 - 16 to 25 inches: clay loam
Bt3 - 25 to 45 inches: clay
Bt4 - 45 to 58 inches: clay loam
Bt5 - 58 to 74 inches: clay loam
2Bt6 - 74 to 84 inches: loam

Properties and qualities

Slope: 2 to 15 percent
Surface area covered with cobbles, stones or boulders: 0.0 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.28 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: High (about 10.1 inches)

Interpretive groups

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

Ecological site: F022BG201CA - Mesic Ash-Influenced Mountains
Hydric soil rating: No

Minor Components

Mountyana
Percent of map unit: 8 percent
Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Mountaintop
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Schott
Percent of map unit: 7 percent
Landform: Ridges
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Mountaintop
Down-slope shape: Convex
Across-slope shape: Linear
Hydric soil rating: No

Unnamed, water table 30 to 80 inches
Percent of map unit: 3 percent
Landform: Ridges
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Mountaintop
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: No

Rock outcrop, basalt
Percent of map unit: 2 percent
Landform: Lava flows
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Mountaintop
Down-slope shape: Linear
Across-slope shape: Convex
Hydric soil rating: No

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Appendix C Cultural Resources Evaluation

Appendix

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HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT

ASSESSOR'S PARCEL NO. 053-110-070

1023 Elliot Road, Town of Paradise
Butte County, California

For Submittal to:

Paradise Unified School District
6696 Clark Road
Paradise, CA 95969

Prepared for:

HANA Resources, Inc.
20361 Hermana Circle
Lake Forest, CA 92630

Prepared by:

CRM TECH
1016 E. Cooley Drive, Suite A/B
Colton, CA 92324

Bai "Tom" Tang, Principal Investigator
Michael Hogan, Principal Investigator

May 2, 2025
CRM TECH Contract No. 4235

Title: Historical/Archaeological Resources Survey Report: Assessor's Parcel No. 053-110-070, 1023 Elliot Road, Town of Paradise, Butte County, California

Authors: Elizabeth Beckner, Project Archaeologist/Report Writer
Breidy Q. Vilcahuaman, Project Archaeologist

Consulting Firm: CRM TECH
1016 E. Cooley Drive, Suite A/B
Colton, CA 92324
(909) 824-6400

Date: May 2, 2025

For Submittal to: Paradise Unified School District
6696 Clark Road
Paradise, CA 95969
(530) 872-6400

Prepared for: Sloane Sanchez, Director of Operations
HANA Resources, Inc.
20361 Hermana Circle
Lake Forest, CA 92630
(949) 648-4988

USGS Quadrangle: Paradise East, Calif., 7.5' quadrangle (Section 14, T22N R3E, Mount Diablo Baseline and Meridian)

Project Size: Approximately 1.6 acres

Keywords: Northeastern Sacramento Valley; Sierra Nevada foothills; Phase I cultural resources survey; Paradise Unified School District Barn Project; no "historical resources" under CEQA

EXECUTIVE SUMMARY

Between January and April 2025, at the request of HANA Resources, Inc., CRM TECH performed a cultural resources study on approximately 1.6 acres of vacant land in the unincorporated town of Paradise, Butte County, California. The study is part of the environmental review process for the proposed Paradise Unified School District (USD) Barn Project, which entails the construction of an animal care facility for the nearby Paradise High School. The project area consists of Assessor's Parcel No. 053-110-070, which is located at 1023 Elliott Road, on the north side of Elliot Road and to the west of Clark Road, in the southwest quarter of Section 14, Township 22 North, Range 3 East, Mount Diablo Baseline and Meridian.

The Paradise USD, as the lead agency for the project, required the study pursuant to the California Environmental Quality Act (CEQA). The purpose of this study is to provide the Paradise USD with the necessary information and analysis to determine whether the project would cause a substantial adverse change to any "historical resources," as defined by CEQA, that may exist within or adjacent to the project area. In order to identify such resources, CRM TECH initiated a cultural resources records search and a Native American Sacred Lands File search, pursued historical background research, and carried out an intensive-level field survey.

Through the various avenues of research, this study did not encounter any "historical resources" within or adjacent to the project area. Therefore, CRM TECH recommends to the Paradise USD a finding of *No Impact* on "historical resources." No further cultural resources investigation is recommended for the project unless construction plans undergo such changes as to include areas not covered by this study. However, if buried cultural materials are discovered during earth-moving operations associated with the project, all work in the immediate area should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.

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INTRODUCTION

Between January and April 2025, at the request of HANA Resources, Inc., CRM TECH performed a cultural resources study on approximately 1.6 acres of vacant land in the unincorporated town of Paradise, Butte County, California (Fig. 1). The study is part of the environmental review process for the proposed Paradise Unified School District (USD) Barn Project, which entails the construction of an animal care facility for the nearby Paradise High School. The project area consists of Assessor's Parcel No. 053-110-070, which is located at 1023 Elliott Road, on the north side of Elliot Road and to the west of Clark Road, in the southwest quarter of Section 14, Township 22 North, Range 3 East, Mount Diablo Baseline and Meridian (Figs. 2, 3).

The Paradise USD, as the lead agency for the project, required the study pursuant to the California Environmental Quality Act (CEQA; PRC §21000, et seq.). The purpose of this study is to provide the Paradise USD with the necessary information and analysis to determine whether the project would cause a substantial adverse change to any "historical resources," as defined by CEQA, that may exist within or adjacent to the project area. In order to identify such resources, CRM TECH initiated a cultural resources records search and a Native American Sacred Lands File search, pursued historical background research, and carried out an intensive-level field survey. The following report is a complete account of the methods, results, and conclusions of the study. Personnel who participated in the study are named in the appropriate sections below, and their qualifications are provided in Appendix 1.

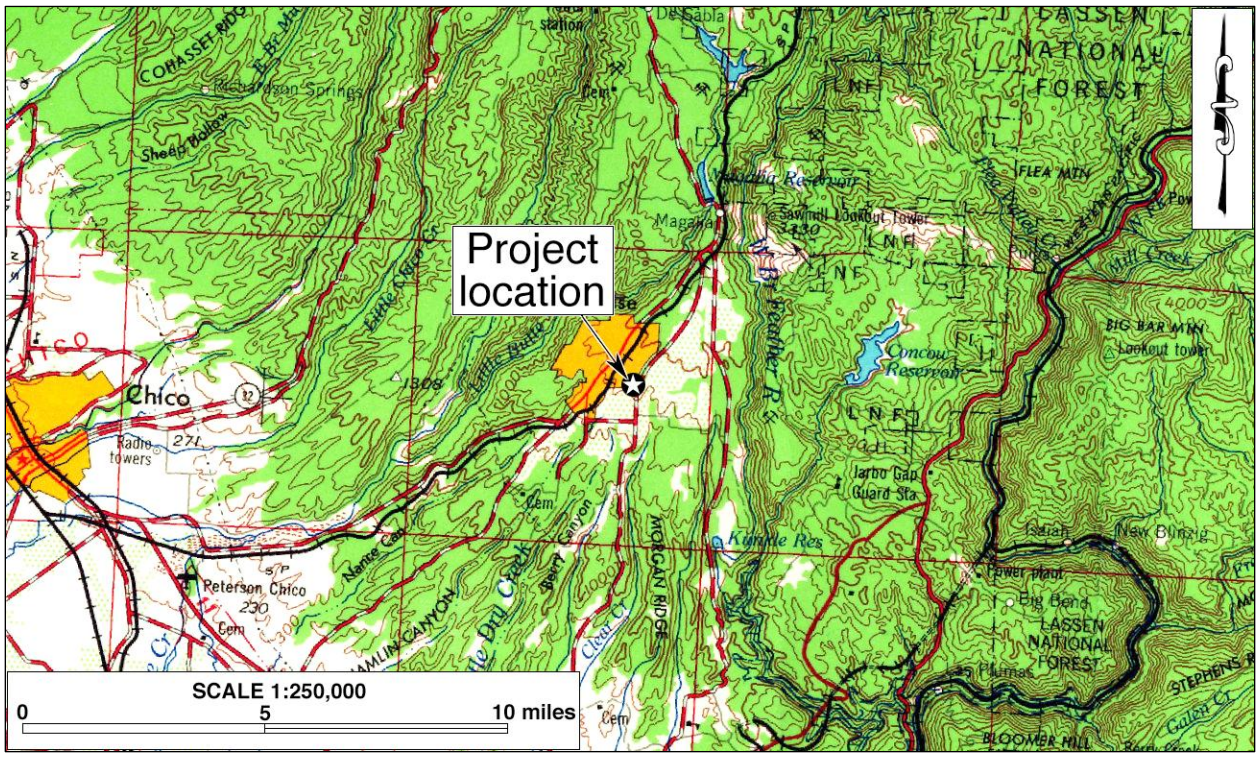

Figure 1. Project vicinity, based on USGS Chico, California and Nevada., 120'x60' quadrangle (USGS 1966).

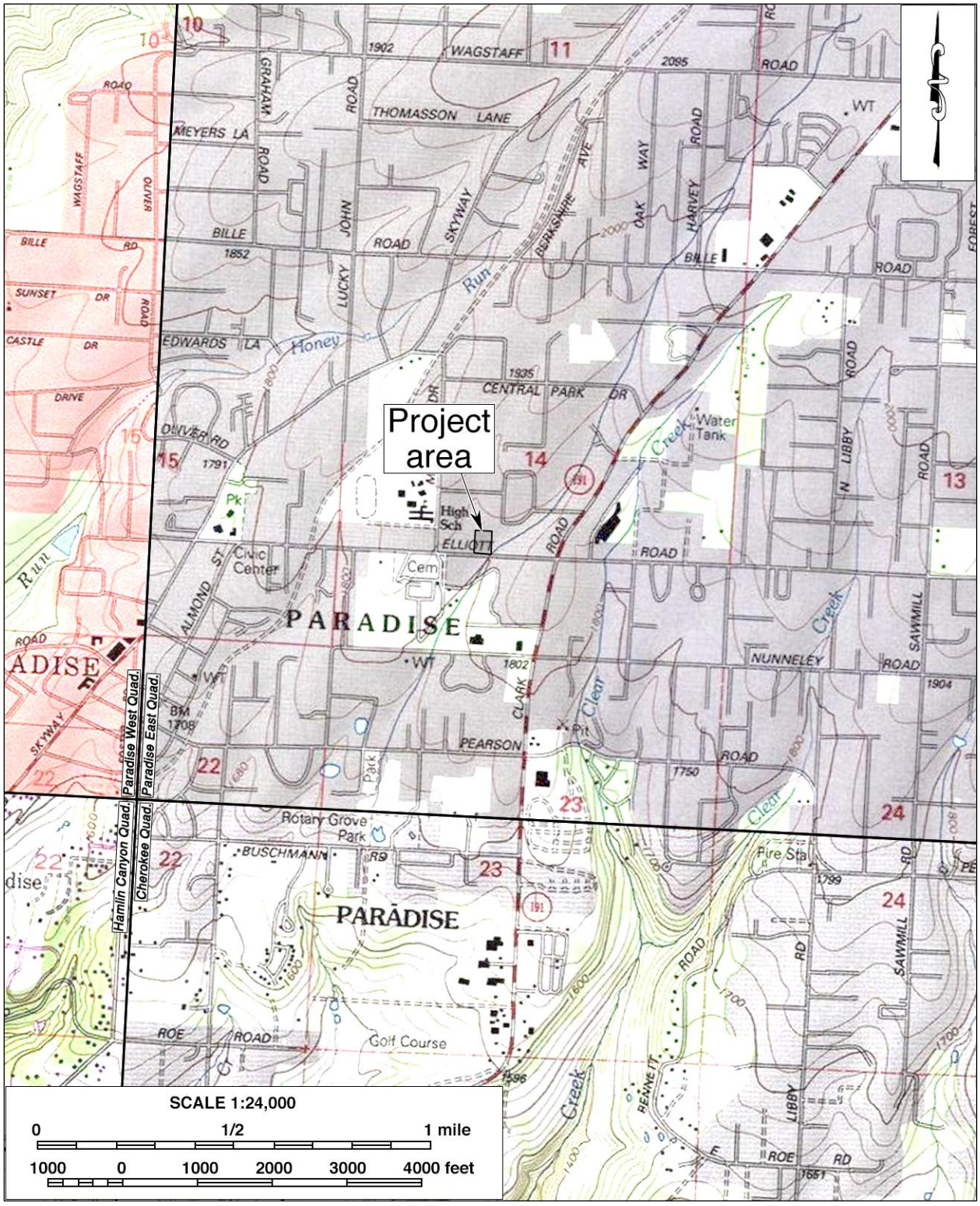

Figure 2. Project location, based on USGS Cherokee, Hamlin Canyon, Paradise East, and Paradise West, California, 7.5' quadrangles (USGS 1969; 1980; 1994a; 1994b).



Figure 3. Recent satellite image of the project area.

SETTING

NATURAL SETTING

The town of Paradise lies on a broad ridge between two canyons that run northeast to southwest on the western slope of the north-central Sierra Nevada. The Sierra Nevada, one of the longest and highest mountain ranges in North America, extends approximately 400 miles along the eastern rim of the Sacramento and San Joaquin Valleys, where it separates the coast and valley provinces of California on the west from the Great Basin on the east (Moratto 2004). The climate in the region features hot and dry summers with cold and rainy winters, with an average annual rainfall of approximately 58 inches.

The project area is located in the central area of the town, bounded by single-family residential properties to the east and west, Elliot Road to the south, and vacant land to the north (Fig. 3). The parcel was previously also occupied by a residence, which fell victim to a massive wildfire known as the Camp Fire in 2018. The elevations within the project area range approximately between 1,800 to 1,838 feet above sea level, and the terrain slopes up gently towards the north and northeast. A mixed conifer forest, consisting mainly of sugar pine, digger pine, blue oak, buck brush, manzanita, and buckhorn, forms the dominant plant community in the project area. Although most of the vegetation in the project area and the surrounding areas was burned during the Camp Fire, dense vegetation remain present on some portions of the property (Figs. 3, 4).



Figure 4. Overview of the current condition of the project area, view to the south. (Photograph taken on February 22, 2025)

CULTURAL SETTING

Prehistoric Context

The earliest evidence of human occupation in the Cascade-Sierra Nevada uplift area dates to approximately 9000-6000 B.C., associated with the Western Pluvial Lakes Tradition (Morrato 2004). Archaeological sites that date to this period are usually found near pluvial lakes and marshes and have an absence of groundstone artifacts, and they generally reflect a developed flaked-stone industry and a dependence on hunting (Morrato 2004).

In the early to mid-Holocene (ca. 6000 B.C.) the climate shifted, leading to warmer temperatures. It is during this period that archaeological evidence began to demonstrate occupation of the high country of the northern Sierra Nevada by Great Basin peoples, as seen through the Tahoe Reach (ca. 6000 B.C.) and Spooner (ca. 5000-2000 B.C.) cultural phases (Morrato 2004). Specific to the western slopes of the Sierra Nevada, there was a sequence of occupation that spanned approximately 3,000 years and has been divided into the Mesilla, Bidwell, Sweetwater, Oroville, and Historic Complexes (Morrato 2004):

- Mesilla Complex (1000 B.C.-1 A.D.): Native peoples of this complex likely occupied the foothills seasonally and used the atlatl and dart for hunting, as well as millingstones and bowl mortars to process foods. Artifacts found at sites include heavy basalt, slate, and chert projectile points, milling stones and mortars, charmstones, bone pins, spatulae, and *Olivella* and *Haliotis* beads.
- Bidwell Complex (1-800 A.D.): This complex ushered in relatively permanent villages from which task groups would move out to collect freshwater mussels, process hard seeds and acorns, and hunt small game and deer. The native peoples continued to use large basalt and slate projectile points, with the addition of steatite vessels for cooking. Mortuary practices were characterized by burying the dead in flexed, dorsal or lateral positions.
- Sweetwater Complex (800-1500 A.D.): Two sites that have been used to identify this complex featured steatite platters, bowls, cups, and tubular smoking pipes, along with *Olivella* bead and *Haliotis* ornament forms. Also included among the artifacts were small, lightweight projectile points of the Eastgate, Gunther Barbed, Rose, and Spring types. Mortuary practices were characterized by burials in extended to semi-extended positions.
- Oroville Complex (1500 A.D.-epidemic of 1833): This complex represents the protohistoric Maidu people. Defining artifacts include clamshell disk beads, incised bird bone tubes, gaming bones, and gorge hooks. Common structures erected during this period included large circular dance houses. Mortuary practices shifted to burying the dead tightly flexed on their sides. The Oroville Complex ended with the Historic Complex, from which there is a sparce material record of the abandonment of traditional settlements.

Ethnohistoric Context

According to ethnohistorical scholarship, what is now Butte County is the traditional homeland of the Maidu, which means “person” (Kroeber 1925). The Maidu had three distinct groups, Northeastern Maidu known as the Mountain Maidu, Northwestern Maidu known as the Konkow, and Southern Maidu known as the Nisenan (Riddell 1978). The town of Paradise is located within

Konkow territory. The name Konkow is an anglicized version of the native term *kóyo·mkàwi*, which means “meadow-land” (Riddell 1978).

The Mountain Maidu, Konkow, and Nisenan each had a distinct linguistic affiliation; however, they exhibited similar social organization. The settlement pattern of the Maidu consisted of village communities, which served as the only political organization (Kroeber 1925; Riddell 1978). A village community consisted of about three to five adjacent villages and was considered an autonomous unit. The Konkow villages were usually situated high above the Feather, Yuba, and American Rivers on the ridge, partway down the side of the canyon, or on small flats on the crest of the ridge (Riddell 1978).

The resource procurement strategies of the Konkow followed a yearly gathering cycle. In the spring, they would go into the valleys to collect grass seeds, especially wild rye (Riddell 1978; Duncan 1964). The summer was the time when they would go into the mountains to hunt, and they would bring back dried deer meat for the winter months (Riddell 1978). Their diet was varied and consisted of seeds, acorns, digger pine nuts, wild mint tea, manzanita berry cider, various insects, fish, deer, elk, and small game (Riddell 1978).

Historic Context

Europeans began arriving in the Konkow and Mountain Maidu territory around 1808, when Spanish explorer Gabriel Moraga reached the lower reaches of what is now known as the Feather River (Riddell 1978). The English name of the river came from the Spanish version, *el Rio de las Plumas*, which was bestowed on it in 1820 by Captain Luis A. Arguello (McGowan 1961; Riddell 1978). In the years following Arguello’s expedition up the Feather River, the Konkow saw in their territory an increase of Euro-American fur trappers. From 1828 to 1836, Michel Laframboise and John Work, among others, led fur trapping expeditions for Hudson’s Bay Company (Leader 1928; Riddell 1978).

It was during this time, in 1833, that an epidemic, possibly measles, decimated the Konkow population (Cook 1955; Riddell 1978). Ten years later, the Konkow experienced more devastation when they were shot at by members of an immigrant party led by Lansford Hastings, who were making their way through Konkow territory to Sutter’s Fort in present-day Sacramento (Bidwell 1906; Riddell 1978). The following year, the Konkow experienced further encroachment on their land when Governor Manuel Micheltorena issued land grants in Konkow territory (Riddell 1978).

After the U.S. annexation of California in 1848 and in particular during the ensuing gold rush in Sierra Nevada, an influx of thousands of fortune seekers overran even the most remote areas of the Maidu country. Along with the miners came Euro-American settlers with their livestock and farm-building aspirations, which upset the ecological balance of the Maidu. As their traditional food sources became scarce or even extinct, the Maidu, including the Konkow, killed livestock of Euro-American ranchers, which consequently led to retaliation and conflict (Riddell 1978). Although some Konkow worked as laborers at the mines, ranches, and farms, they were not paid enough to sustain themselves, and tensions grew.

In 1850, the Konkow signed a treaty with the U.S. government that would have let them keep part of their homeland, but the treaty was among a series of similar treaties with California Indians that the

senate refused to ratify in 1852 (Hill 1970; Riddell 1978). In 1855, some of the Konkow were sent to the newly established Nome Lackee Reservation. However, their removal did not alleviate tensions that still existed between the Konkow who remained and the Euro-American settlers and miners who had invaded their territory, and in 1863, 461 Native Americans were marched to the Round Valley Reservation by mounted soldiers (Riddell 1978). This forced removal contributed to the declining Native American population. By 1910, there were an estimated 1,100 Maidu living in the area, a sharp decline from just 64 years prior in1846, when the population was estimated to be at 8,000 (Cook 1943; Riddell 1978).

While the Konkow were being driven from their homeland, the present-day Paradise area received the first Euro-American settlers in the mid-1850s, primarily former miners who did not strike it rich and subsequently became farmers (Colby 2006). Around the turn of the century, settlers in the Paradise area began building the infrastructure to supply water for agriculture as well as domestic use (Colby 2006). The irrigation system, coupled with the construction of the Butte County Railroad in 1902, accelerated the growth of the town (Hoover et al. 2002). In the following years, agriculture flourished, especially fruticulture, and the products included pears, apples, plums, peaches, olives, nuts, prunes, grapes, red potatoes, and strawberries (Colby 2006:9).

Agriculture and fruticulture, particularly apple orchards, continued to flourish in the Paradise area until the 1960s, with a population boom in the 1950s (Colby 2006). Since then, with further population growth and the diversification of local economy, most of Paradise's once extensive orchard acreage has given way to suburban residential and commercial development. By the early 1980s, most of the orchards were gone and replaced by tracts of homes (Colby 2006). Nevertheless, the town's agricultural dominated past remains an important part of the community's identity and heritage, celebrated today with the annual Johnny Appleseed Days festival.

RESEARCH METHODS

HISTORICAL/ARCHAEOLOGICAL RESOURCES RECORDS SEARCH

The historical/archaeological resources record search for this study was conducted on February 19, 2025, by the Northeast Information Center (NEIC) at California State University, Chico, which is the State of California's official cultural resource records repository for Butte County. The purpose of the records search is to compile a complete inventory of previously identified cultural resources and existing studies within a one-mile radius of the project location. Previously identified cultural resources include properties designated as California Historical Landmarks or Points of Historical Interest, as well as those listed in the National Register of Historic Places, the California Register of Historical Resources, or the California Historical Resources Inventory.

SACRED LANDS FILE SEARCH

On February 3, 2025, CRM TECH submitted a written request to the State of California Native American Heritage Commission (NAHC) for a records search in the commission's Sacred Lands File. The NAHC is the State of California's trustee agency for the protection of "tribal cultural resources," as defined by California Public Resources Code §21074, and is tasked with identifying

and cataloging properties of Native American cultural value, including places of special religious, spiritual, or social significance and known graves and cemeteries throughout the state. The response from the NAHC is summarized in the section below and attached to this report in Appendix 2.

HISTORICAL RESEARCH

Historical background research for this study was conducted by CRM TECH project archaeologist Elizabeth Beckner. Sources consulted during the research included published literature in local and regional history, historical maps of the Paradise area, and aerial/satellite photographs of the project vicinity. Among the maps consulted were U.S. General Land Office (GLO) land survey plat maps dated 1867 and U.S. Geological Survey (USGS) topographic maps dated 1895-1994, which are accessible at the websites of the U.S. Bureau of Land Management and the USGS. The aerial and satellite photographs, taken in 1951-2024, are available on the Nationwide Environmental Title Research (NETR) online website and through the Google Earth software.

FIELD SURVEY

On February 22, 2025, CRM TECH archaeologist Breidy Q. Vilcahuaman performed the intensive-level field survey of the project area. The survey was completed on foot by walking a series of parallel north-south transects spaced 15 meters (approximately 50 feet) apart across the project area. In this way, the ground surface in the entire project area was systematically and carefully examined for any evidence of human activities dating to the prehistoric or historic period (i.e., 50 years or older). Ground visibility was good (70-80%) in the southern portion of the project area, while a dense growth of shrubs and tall grasses reduced visibility to fair (50-70%) and, occasionally, poor (<50%) in the northern portion (Fig. 4).

RESULTS AND FINDINGS

HISTORICAL/ARCHAEOLOGICAL RESOURCES RECORDS SEARCH

According to NEIC records, the southeast corner of the project area may have been covered by a cultural resource study completed in 1981 (Manning 1981; No. 007664 in Fig. 5), but no historical/archaeological resources were previously recorded within or adjacent to the project boundaries. Within the one-mile scope of the records search, NEIC records identify 44 additional studies completed between 1977 and 2020 (Fig. 5). As a result of these and other similar studies in the vicinity, ten cultural resources have been recorded within the scope of the records search, including eight sites and two isolates (i.e., localities with fewer than three artifacts), as listed in Table 1.

Five of the sites and both of the isolates were of prehistoric (i.e., Native American) origin, consisting predominantly of bedrock milling features along with scattered lithic artifacts. The other three sites dated to the historic period and included two single-family residences, a power transmission line, and the Paradise Depot on the Butte County Railroad. None of these recorded sites and isolates was found in the immediate vicinity of the project area. Therefore, they do not require further consideration during this study.

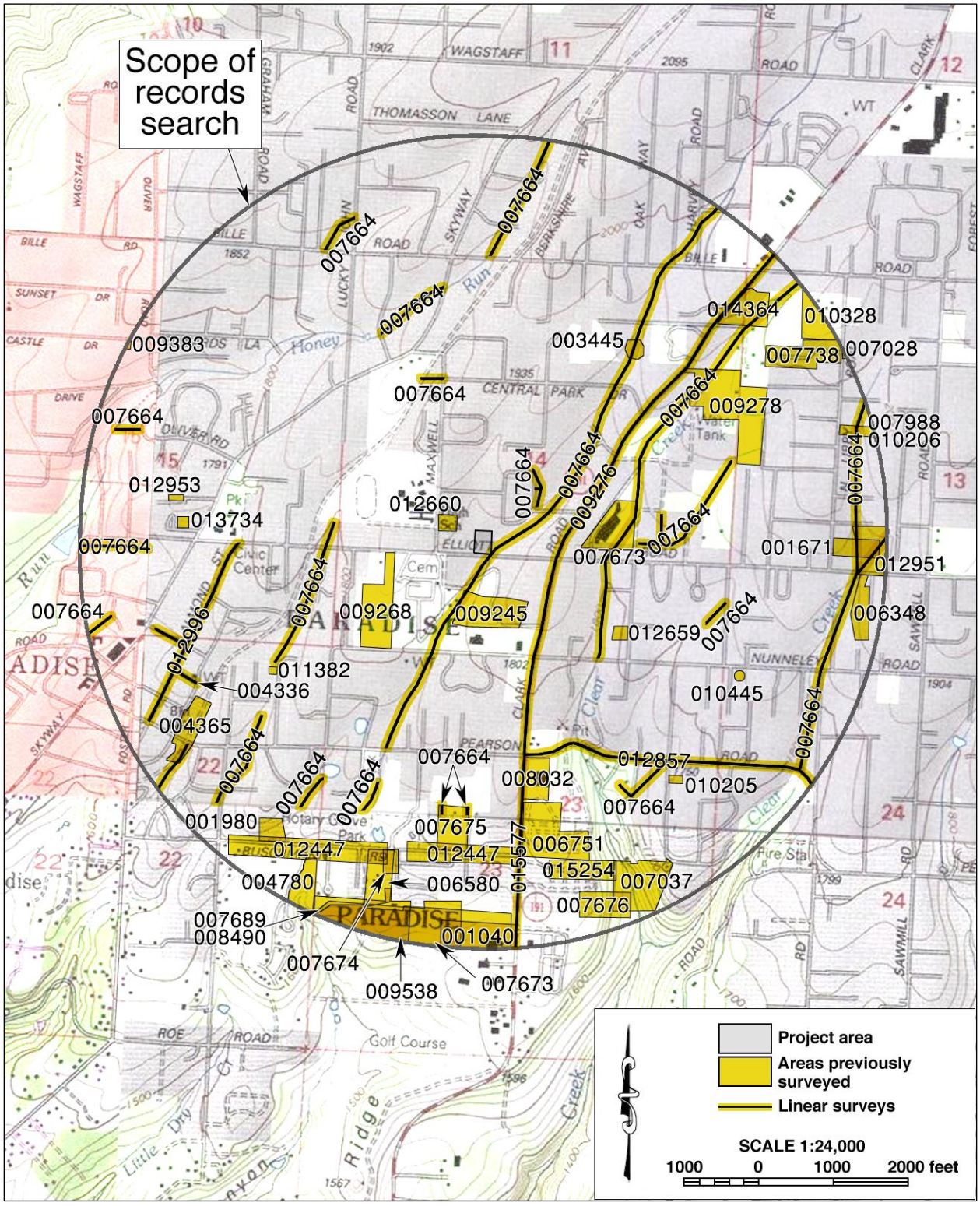

Figure 5. Previous cultural resources studies in the vicinity of the project area, listed by NEIC file number. Locations of known historical/archaeological resources are not shown as a protective measure.

Table 1. Previously Recorded Cultural Resources within the Scope of the Records Search			
Resource Number	**Date Recorded**	**Period/Description**	**Approx. Distance**
04-000260/CA-BUT-000260	1966	Prehistoric bedrock milling features with mortar	3/4 mile
04-000647/CA-BUT-000647	1978	Prehistoric bedrock milling features and lithic scatter	1/3 mile
04-001779	2001	Butte County Railroad Paradise Depot, 1904-1905	3/4 mile
04-001780	2001	Two single-family residences, ca. 1900-1915/1940s	3/4 mile
04-002757	1990	Isolate: prehistoric basalt flake	1 mile
04-002758	1990	Isolate: prehistoric cobble mano	1 mile
04-004315	2019	Basalt outcrops with mortars	1/2 mile
04-004555/CA-BUT-004555	2019	Prehistoric bedrock milling feature	2/3 mile
04-004558/CA-BUT-004558	2019	Prehistoric bedrock milling feature	1/3 mile
04-004575	2017	Caribou-Valona transmission line, 1921	1/2 mile

SACRED LANDS FILE SEARCH

In response to CRM TECH's inquiry, the NAHC stated in a letter dated February 4, 2025, that the Sacred Lands File identified no Native American cultural resources in the project vicinity but recommended that local Native American groups be consulted for further information (see App. 2). For that purpose, the NAHC provided a referral list of nine individuals associated with five local Native American groups who may have knowledge of such resources. The NAHC's reply is attached in Appendix 2 for reference by the Paradise USD in future government-to-government consultations with the pertinent tribal groups, if necessary.

HISTORICAL RESEARCH

Historical sources consulted for this study demonstrate that the project vicinity has experienced much settlement and development activities since the mid-19th century, although the project area itself evidently remained vacant and undeveloped until the mid-20th century (Figs. 6-8). In the 1860s, a number of features were noted in the surrounding area, including settler Chipman's residence, Chipman's turpentine distillery, Anderson's sawmill, Thompson's Flat Ditch, and two roads identified as the Chico and Dogtown Road and the Dogtown and Oroville Road (Fig. 6). None of these features, however, was located in the immediate vicinity of the project area. By 1886, the town of Paradise had largely taken shape along what is now Clark Road, with the vacant project area lying on its west edge (Fig. 7).

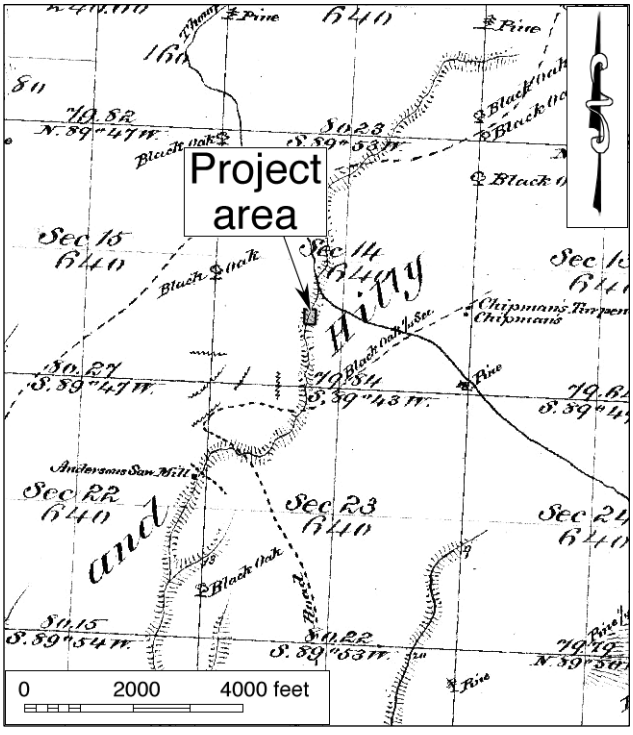

Figure 6. The project area and vicinity in 1867. (Source: GLO 1867)

In the early post-WWII era, the town of Paradise exhibited the characteristics of both a

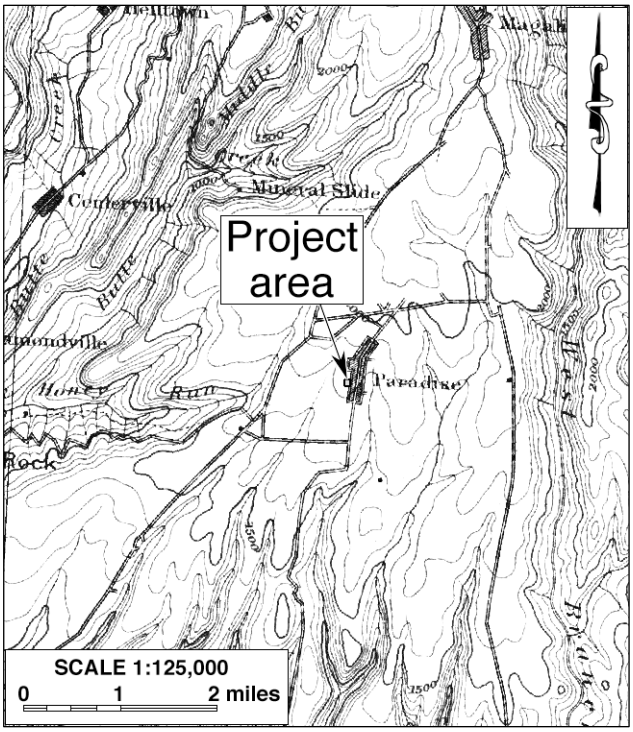

Figure 7. The project area and vicinity in 1886-1888. (Source: USGS 1895)

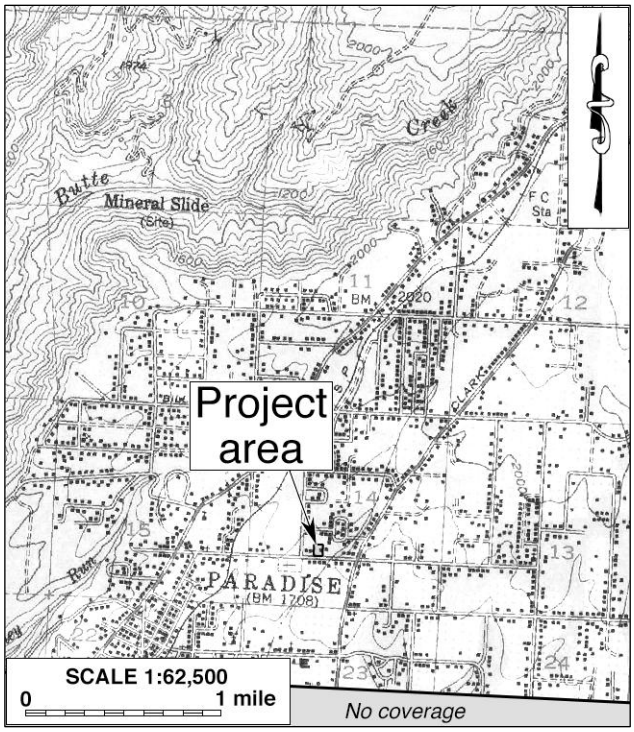

Figure 8. The project area and vicinity in 1951-1953. (Source: USGS 1953)

suburban and an agrarian community, with dense clusters of buildings interspersed with large expanses of orchard and cultivated farmlands (Fig. 8; NETR Online 1951). It was also during this period that the first building was known to be present within the project area (Fig. 8). Aerial and satellite images from later years show the building to be a T-shaped structure near the center of the property, apparently a single-family residence, which was destroyed by the devastating Camp Fire in 2018, along with many other buildings on the surrounding properties (NETR Online 1951-2020; Google Earth 1993-2019). Since then, the project area has again remained vacant (Google Earth 2019-2024; NETR Online 2020; 2022).

FIELD SURVEY

The field survey yielded negative results for potential "historical resources," and no buildings, structures, objects, features, or artifact deposits of prehistoric or historical origin were observed within the project boundaries. Some modern refuse, including rusty metal debris and concrete fragments, were observed on the property, mainly in the western half. Meanwhile, evidence of recent ground disturbances associated with post-fire debris removal was noted in the northern half of the property. None of these was found to be of any historic/archaeological interest.

DISCUSSION

The purpose of this study is to identify any cultural resources in the project area, and to assist the Paradise USD in determining whether such resources meet the definition of "historical resources," as

provided in the California Public Resources Code. According to PRC §5020.1(j), "'historical resource' includes, but is not limited to, any object, building, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California."

More specifically, CEQA guidelines state that the term "historical resources" applies to any such resources listed in or determined to be eligible for listing in the California Register of Historical Resources, included in a local register of historical resources, or determined to be historically significant by the Lead Agency (Title 14 CCR §15064.5(a)(1)-(3)). Regarding the proper criteria of historical significance, CEQA guidelines mandate that "generally a resource shall be considered by the lead agency to be 'historically significant' if the resource meets the criteria for listing on the California Register of Historical Resources" (Title 14 CCR §15064.5(a)(3)). A resource may be listed in the California Register if it meets any of the following criteria:

(1) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
(2) Is associated with the lives of persons important in our past.
(3) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
(4) Has yielded, or may be likely to yield, information important in prehistory or history. (PRC §5024.1(c))

In summary of the research results presented above, no potential "historical resources" were previously recorded within or adjacent to the project area, and none was found during the present survey. While a residence is known to have been located in the project area between the 1950s and the 2010s, it has fallen victim to the Camp Fire in 2018 and is no longer extant. No other notable features were present within the project area during the historic period, and the Native American Sacred Lands File identified no properties of traditional cultural value in the vicinity. Based on these findings, and in light of the criteria listed above, the present study concludes that no "historical resources" exist within the project boundaries.

CONCLUSION AND RECOMMENDATIONS

CEQA establishes that "a project that may cause a substantial adverse change in the significance of a historical resource is a project that may have a significant effect on the environment" (PRC §21084.1). "Substantial adverse change," according to PRC §5020.1(q), "means demolition, destruction, relocation, or alteration such that the significance of a historical resource would be impaired." Since the present study has determined that no "historical resources," as defined by CEQA and associated regulations, are present within the project area, CRM TECH presents the following recommendations to the Paradise USD:

- The proposed project will not cause a substantial adverse change to any known "historical resources."
- No further cultural resources investigation is necessary for the proposed project unless construction plans undergo such changes as to include areas not covered by this study.

- If buried cultural materials are discovered during earth-moving operations associated with the project, all work in the immediate area should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.

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USGS (United States Geological Survey, U.S. Department of the Interior)
1895 Map: Chico, California (30', 1:125,000); surveyed in 1886-1888.
1953 Map: Paradise, California (15', 1:62,500); aerial photographs taken in 1951, field-checked in 1953.
1966 Map: Chico, California and Nevada (120'x60', 1:250,000); 1958 edition revised.
1969 Map: Hamlin Canyon, California (7.5', 1:24,000); aerial photographs taken in 1947-1951, edition photorevised.
1980 Map: Paradise West, California (7.5', 1:24,000); aerial photographs taken in 1973, field-checked in 1974.
1994 Map: Cherokee, California (7.5', 1:24,000); aerial photographs taken in 1993, field-checked in 1994.
1994 Map: Paradise East, California (7.5', 1:24,000); aerial photographs taken in 1973, field-checked in 1994.

APPENDIX 1:
PERSONNEL QUALIFICATIONS

PRINCIPAL INVESTIGATOR/HISTORIAN
Bai "Tom" Tang, M.A.

Education

1988-1993	Graduate Program in Public History/Historic Preservation, University of California, Riverside.
1987	M.A., American History, Yale University, New Haven, Connecticut.
1982	B.A., History, Northwestern University, Xi'an, China.
2000	"Introduction to Section 106 Review," presented by the Advisory Council on Historic Preservation and the University of Nevada, Reno.
1994	"Assessing the Significance of Historic Archaeological Sites," presented by the Historic Preservation Program, University of Nevada, Reno.

Professional Experience

2002-	Principal Investigator, CRM TECH, Riverside/Colton, California.
1993-2002	Project Historian/Architectural Historian, CRM TECH, Riverside, California.
1993-1997	Project Historian, Greenwood and Associates, Pacific Palisades, California.
1991-1993	Project Historian, Archaeological Research Unit, University of California, Riverside.
1990	Intern Researcher, California State Office of Historic Preservation, Sacramento.
1990-1992	Teaching Assistant, History of Modern World, University of California, Riverside.
1988-1993	Research Assistant, American Social History, University of California, Riverside.
1985-1988	Research Assistant, Modern Chinese History, Yale University.
1985-1986	Teaching Assistant, Modern Chinese History, Yale University.
1982-1985	Lecturer, History, Xi'an Foreign Languages Institute, Xi'an, China.

Cultural Resources Management Reports

Preliminary Analyses and Recommendations Regarding California's Cultural Resources Inventory System (with Special Reference to Condition 14 of NPS 1990 Program Review Report). California State Office of Historic Preservation working paper, Sacramento, September 1990.

Numerous cultural resources management reports with the Archaeological Research Unit, Greenwood and Associates, and CRM TECH, since October 1991.

PRINCIPAL INVESTIGATOR/ARCHAEOLOGIST
Michael Hogan, Ph.D., RPA (Registered Professional Archaeologist)

Education

1991	Ph.D., Anthropology, University of California, Riverside.
1981	B.S., Anthropology, University of California, Riverside; with honors.
1980-1981	Education Abroad Program, Lima, Peru.
2002	"Section 106—National Historic Preservation Act: Federal Law at the Local Level," UCLA Extension Course #888.
2002	"Recognizing Historic Artifacts," workshop presented by Richard Norwood, Historical Archaeologist.
2002	"Wending Your Way through the Regulatory Maze," symposium presented by the Association of Environmental Professionals.
1992	"Southern California Ceramics Workshop," presented by Jerry Schaefer.
1992	"Historic Artifact Workshop," presented by Anne Duffield-Stoll.

Professional Experience

2002-	Principal Investigator, CRM TECH, Riverside/Colton, California.
1999-2002	Project Archaeologist/Field Director, CRM TECH, Riverside, California.
1996-1998	Project Director and Ethnographer, Statistical Research, Inc., Redlands, California.
1992-1998	Assistant Research Anthropologist, University of California, Riverside.
1992-1995	Project Director, Archaeological Research Unit, U.C. Riverside.
1993-1994	Adjunct Professor, Riverside Community College, Mt. San Jacinto College, U.C. Riverside, Chapman University, and San Bernardino Valley College.
1991-1992	Crew Chief, Archaeological Research Unit, U.C. Riverside.
1984-1998	Project Director, Field Director, Crew Chief, and Archaeological Technician for various southern California cultural resources management firms.

Research Interests

Cultural Resource Management, Southern Californian Archaeology, Settlement and Exchange Patterns, Specialization and Stratification, Culture Change, Native American Culture, Cultural Diversity.

Cultural Resources Management Reports

Principal investigator for, author or co-author of, and contributor to numerous cultural resources management study reports since 1986.

Memberships

Society for American Archaeology; Society for California Archaeology; Pacific Coast Archaeological Society; Coachella Valley Archaeological Society.

PROJECT ARCHAEOLOGIST/REPORT WRITER
Elizabeth L. Beckner, Ph.D.

Education

2024	Ph.D., Anthropology, University of California, Riverside.
2017	M.A., Anthropology, University of California, Riverside.
2016	B.A., Anthropology, University of California, Riverside.

Professional Experience

2024-	Project Archaeologist, CRM TECH, Colton, California.
2024-	Lecturer, California State University, San Bernardino.
2019-	Adjunct Instructor, Chaffey College, Rancho Cucamonga, California.
2019	Archaeologist, Dudek, Pasadena, California
2017-2019	Teaching Assistant, University of California, Riverside.
2018	Archaeologist, Proyecto Sacbé Cobá-Yaxuna (Sacbé Cobá-Yaxuna Project), Cobá, Quintana Roo, Mexico.
2016-2017	Field Assistant, Proyecto de Interacción Política del Centro de Yucatán (Political Interaction Project of Central Yucatan), Yaxuna, Yucatan, Mexico.
2015-2017	Information Officer, Eastern Information Center, Riverside, California.

Publication

2023 T.W. Stanton, Traci Ardren, Nicolas C. Barth, Juan C. Fernandez Diaz, Steph J. Miller, Karl A. Taube, Patrick Rohrer, Elizabeth Beckner;, and Aline Magnoni: Roads, Temples, and the Community Boundaries of Cobá, Quintana Roo. In T.H. Guderjan and J.P. Mathews (eds.): *Construction of Maya Space: Causeways, Walls, and Open Areas from Ancient to Modern Times*; pp. 71-98. University of Arizona Press, Tucson.

PROJECT ARCHAEOLOGIST/REPORT WRITER
Breidy Q. Vilcahuaman, M.A., RPA (Registered Professional Archaeologist)

Education

2018	M.A., Anthropology, Georgia State University, Atlanta, Georgia.
2005	B.A., Anthropology, University Nacional del Centro del Peru.

Professional Experience

2022-	Project Archaeologist, CRM TECH, Colton, California.
2021-2022	Archaeological Technician, Applied Earthwork, Inc., Hemet, California.
2021	Archaeologist/Crew Chief, Historical Research Associates, Inc., Portland, Oregon.
2020-2021	Archaeological Technician, Cogstone Resource Management, Orange, California.
2020	Archaeological Technician, McKenna et al., Whittier, California.

Memberships

Society for California Archaeology.

APPENDIX 2

SACRED LANDS FILE SEARCH RESULTS

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE-CHAIRPERSON
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

SECRETARY
Sara Dutschke
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Laurena Bolden
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COMMISSIONER
Reid Milanovich
Cahuilla

COMMISSIONER
Bennae Calac
Pauma-Yuima Band of Luiseño Indians

ACTING EXECUTIVE SECRETARY
STEVEN QUINN

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov

February 4, 2025

Nina Gallardo
CRM TECH

Via Email to: ngallardo@crmtech.us

Re: Proposed Paradise USD Barn (CRM TECH No. 4235) Project, Butte County

To Whom It May Concern:

As requested, a record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed based on information submitted for the above referenced project. The results were negative. Please note that tribes do not always record their sacred sites in the SLF, nor are they required to do so. As such, a SLF search is not a substitute for consultation with all tribes that are traditionally and culturally affiliated with a project's geographic area.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. Please contact all of those listed; if they cannot supply information, they may recommend others with specific knowledge. If within two weeks of notification, a response has not been received, the Commission requests that you follow-up with a telephone call or email to ensure that the project information was received.

If you receive notification of a change of address or phone number from a tribe, please notify the NAHC so that we can assure that our lists contain current information.

In addition to engaging in tribal consultation, you should consult the appropriate regional California Historical Research Information System (CHRIS) archaeological Information Center to determine whether it has information regarding the presence of recorded archaeological sites within the project area.

If you have any questions or need additional information, please contact me at melina.carlos@nahc.ca.gov.

Sincerely,

Melina Carlos

Melina Carlos
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Butte County
2/4/2025

Tribe Name	Fed (F) Non-Fed (N)	Contact Person	Contact Address	Phone #	Fax #	Email Address	Cultural Affiliation	Counties
KonKow Valley Band of Maidu	N	Matthew Williford, Acting Chair/Cultural Resource Director	2136 Myers Street Oroville, CA, 95966	(530) 712-9021		konkowvalleybandpoctribalchair@gmail.com	KonKow Maidu	Butte, Plumas
Mechoopda Indian Tribe	F	Kyle McHenry, Cultural Director	1920 Alcott Ave Chico, CA, 95928	(530) 899-8922		kmchenry@mechoopda-nsn.gov	KonKow Maidu	Butte, Glenn, Tehama
Mechoopda Indian Tribe	F	Dennis Ramirez, Chairperson	1920 Alcott Ave Chico, CA, 95928	(530) 899-8922	(530) 899-8517	dramirez@mechoopda-nsn.gov	KonKow Maidu	Butte, Glenn, Tehama
Mooretown Rancheria of Maidu Indians	F	Benjamin Clark, Chairperson	#1 Alverda Drive Oroville, CA, 95966	(530) 533-3625	(530) 533-3680	frontdesk@mooretown.org	KonKow Maidu	Butte, Glenn, Lassen, Plumas, Shasta, Sierra, Sutter, Tehama, Yuba
Mooretown Rancheria of Maidu Indians	F	Guy Taylor,	#1 Alverda Drive Oroville, CA, 95966	(530) 533-3625			KonKow Maidu	Butte, Glenn, Lassen, Plumas, Shasta, Sierra, Sutter, Tehama, Yuba
Nevada City Rancheria Nisenan Tribe	N	Shelly Covert, Tribal Secretary	P.O. Box 2226 Nevada City, CA, 95959	(530) 570-0846		shelly@nevadacityrancheria.org	Nisenan	Butte, Nevada, Placer, Sierra, Sutter, Yuba
Nevada City Rancheria Nisenan Tribe	N	Richard Johnson, Chairman	P.O. Box 2624 Nevada City, CA, 95959	(530) 570-0846		shelly@nevadacityrancheria.org	Nisenan	Butte, Nevada, Placer, Sierra, Sutter, Yuba
Nevada City Rancheria Nisenan Tribe	N	Saxon Thomas, Tribal Council Member	P.O. Box 2226 Nevada City, CA, 95959	(530) 570-0846		shelly@nevadacityrancheria.org	Nisenan	Butte, Nevada, Placer, Sierra, Sutter, Yuba
Round Valley Reservation/ Covelo Indian Community	F	James Russ, President	77826 Covelo Road Covelo, CA, 95428	(707) 983-6126	(707) 983-6128	tribalcouncil@rvit.org	ConCow Nomlaki Pit River Pomo Wailaki Wintun Yuki	Butte, Colusa, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Plumas, Shasta, Siskiyou, Sonoma, Sutter, Tehama, Trinity, Yuba

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Paradise USD Barn (CRM TECH No. 4235) Project, Butte County.

Record: PROJ-2025-000661
Report Type: List of Tribes
Counties: Butte
NAHC Group: All

Appendix D Camp Fire Incident Property Report

Appendix

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053-110-070

1023 ELLIOTT RD

39.759959, -121.610138

Butte County
• CALIFORNIA •

Camp Fire Incident

Property Report | Butte County, California

Property Report Summary
Debris Removal Right-of-Entry Permit (ROE)
Site Assessment Form
Asbestos Survey Form
Asbestos Chimney Form
Asbestos Survey Results
Asbestos Abatement Clearance
Cleanup Goals Screening Table
Soil Sampling Map
Laboratory Report
Data Validation Checklist
Confirmation Sampling – Unified Command Approval Form
Erosion Control Worksheet
Waiver of Erosion Control Measures Form
Debris Removal Final Signoff Form
Post Debris Removal Photographs

CalRecycle

Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Camp Fire Incident

Property Report | Butte County, California

Property Report Summary

PROPERTY REPORT SUMMARY
Assessor Parcel Number: **053-110-070**
Address: **1023 ELLIOTT RD PARADISE CA 95969**

OVERVIEW

This individual property report (IPR) describes general debris removal and environmental activities conducted at each property and specific details for this property. General program activities at each property included the following: Debris Removal Right-of-Entry Permit (ROE) review and eligibility determination, site assessment, asbestos survey, asbestos abatement (if appropriate), debris removal, soil confirmation sampling, additional soil removal (if appropriate), erosion control (if appropriate), and final State Incident Management Team (IMT) approval. All activities were conducted in accordance with the Debris Removal Operations Plan for the Camp Debris Removal Incident, Version 5.4, dated June 13, 2019.

At this property, asbestos was identified and required abatement. A dug well was identified on this property during the site assessment. Soil contamination was addressed during the initial debris removal, and no additional soil removal was necessary. Specific details and notes for this property are included in the table on the final page of this summary.

PROPERTY ACCESS

Property owners submitted ROE forms to Butte County to authorize access to and cleanup of the property. Following County approval, the ROE was provided to the State for eligibility review and the property was included in the debris removal program. The ROE provides the terms of the debris removal program and outlines the overall process.

SITE ASSESSMENT

The site assessment is the initial detailed activity at each property. Environmental consultants performed hazardous material surveys and recorded property conditions and hazards using electronic or paper field forms, photographs, and created a property sketch. Results of the site assessment guided safe removal and handling of burn debris and served as the baseline for all debris removal and environmental activities.

ASBESTOS SURVEY AND ABATEMENT

California certified asbestos consultants (CAC) and certified site surveillance technicians (CSST) completed a visual asbestos survey (Appendix A of the Debris Removal Operations Plan for the Camp Debris Removal Incident, Version 5.4, dated June 13, 2019) at each property. Samples were collected from materials suspected to contain asbestos, including: (1) construction materials from destroyed and partially destroyed structures and (2) debris piles. If the asbestos inspectors did not identify suspected asbestos-containing materials, no samples were collected. Asbestos-containing materials were identified and abated.

DUG WELL DESTRUCTION

A dug well was identified on this property during the site assessment. The environmental consultants obtained dug well destruction approval from the property owner. After approval, the contractor destructed the dug well by removing the portion above ground surface and to 3 feet below ground surface, then filling the dug well with concrete sand slurry or bentonite chips. The contractor placed a 3-foot concrete mushroom cap at the top and sloped the sides back to grade.

PROPERTY REPORT SUMMARY
Assessor Parcel Number: **053-110-070**
Address: **1023 ELLIOTT RD PARADISE CA 95969**

DEBRIS REMOVAL
Debris removal and asbestos abatement contractors conducted the removal of all building materials impacted by the fire, including but not limited to: stucco, roofing, floor tile, linoleum, fireplaces and chimneys, furnaces, vinyl tiles and mastic, sheetrock and joint compound, asbestos cement pipe, exterior home siding, thermal system insulation, concrete, appliances, vegetation, construction debris, electronic waste, household hazardous chemicals, and impacted soil beneath former structures or vehicles. Debris removal activities were guided by the site assessment results. An independent, third-party debris monitoring consultant and the State conducted oversight of all debris removal activities. All debris was disposed at State- and County-approved recycling facilities or landfills.

CONFIRMATION SOIL SAMPLING
Following debris removal activities, environmental consultants collected soil samples from the top 3 inches of soil to confirm any residual contamination from burn-impacted structures had been removed. Soil sampling results were compared to cleanup goals developed specifically for the Camp Fire Incident, as approved by the State IMT. The cleanup goals are based on health-based screening levels established by U.S. Environmental Protection Agency (EPA) and California Department of Toxic Substances Control (DTSC) for residential uses, and ambient or naturally-occurring "background" concentrations of metals in soils. Background levels were determined by extensive testing for metals in areas without burned debris. Cleanup decisions also incorporated a laboratory margin of error to account for common instrument variability within standardized EPA laboratory tests. Confirmation sample names use assessor parcel numbers (APN) followed by the structures sampled (A, B, C, etc.), and the number of samples per structure based on the structure footprint (A1, A2, A3, B1, C1, C2, etc.)

	APN		Structure/Sample Number
Example Confirmation Sample Name:	123-456-789	–	A2

EROSION CONTROL
Once the State IMT determined the property met the overall cleanup objectives of the debris removal action, contractors implemented erosion control measures, if authorized by the property owner. Erosion control measures stabilized disturbed soil and reduced potential soil runoff by installing fiber rolls, compost filter socks, silt fences, erosion control blankets, hydraulic mulch and tackifier, soil binders, and other mechanisms to reduce soil erosion. Means and methods differed at each property depending on property conditions.

STATE IMT APPROVAL
Following completion of erosion control measures, the State IMT conducted a final on-site review of the property, approved all work completed, and recommended to Butte County that the debris removal objectives were complete. Butte County completed the process with approval of the Debris Removal Final Signoff Form.

PROPERTY REPORT SUMMARY
Assessor Parcel Number: **053-110-070**
Address: **1023 ELLIOTT RD PARADISE CA 95969**

IPR CONTENTS AND DESCRIPTIONS OF FILES

Debris Removal Right-of-Entry Permit (ROE): Signed by property owner to allow State/State contractors on the property if the property is eligible for the program.

Site Assessment Form: Documents post-fire site conditions at the property.

Asbestos Survey Form: Documents activities completed to identify and, if appropriate, sample and remove asbestos-containing materials.

Asbestos Chimney Form: Includes chimney demolition date and indicates if suspected asbestos-containing materials were observed and sampled.

Asbestos Survey Results: Provides laboratory analytical results for suspected asbestos-containing samples collected at the property.

Asbestos Abatement Clearance: Lists the type and amount of asbestos-containing materials removed from the property, and when asbestos abatement was completed.

Cleanup Goals Screening Table: Presents environmental soil sample data for the property.

Soil Sampling Map: Provides a field map documenting property structures that were damaged/destroyed or were undamaged, and associated structure square footage. The map also includes all environmental soil sampling and soil boring (if applicable) locations.

Laboratory Report: Provides laboratory analytical results for environmental soil samples collected at the property.

Data Validation Checklist: Documents data quality and identifies any issues or qualifiers for soil analytical laboratory reports.

Confirmation Sampling – Unified Command Approval Form: Documents that the State (CalRecycle) has determined that soil sample results met debris removal cleanup objectives. This form is completed by CalRecycle.

Erosion Control Worksheet: Provides a field sketch of the erosion control measures applied at the property after environmental activities were completed and cleanup objectives were met.

Waiver of Erosion Control Measures Form: Documents that a property owner has declined erosion control measures.

Debris Removal Final Signoff Form: Documents property work has been completed; this form is completed by CalRecycle to close out the property.

Post Debris Removal Photographs: Documents post-debris removal conditions at the property.

PROPERTY REPORT SUMMARY

Assessor Parcel Number: **053-110-070**

Address: **1023 ELLIOTT RD PARADISE CA 95969**

APN SUMMARY	
Damage Claim(s) Known to Exist for This Property *Note - Property owner may have submitted a claim directly to the California Department of General Services (DGS) or settled with a contractor without Tetra Tech knowledge.*	Yes; Not all damage claims are resolved as of the date of the production of this report. All Damage Claim documentation for this property as of the date of this report is attached.
Asbestos Survey Date	2/1/2019
Asbestos-Containing Materials Requiring Abatement	Yes
Asbestos Activities Completion Date	3/4/2019
Asbestos Survey Notes	None
Geologic Background Set	TVP Area
Property Structures Burned and Removed (square feet)	A: 2,050 sf; B: 100 sf
Confirmation Soil Samples Collected	A1, A2, A3, A4, A5, B1
Final Confirmation Soil Samples Above Cleanup Goals and Lab Margin of Error	None
Soil Boring Samples	None
Site Completion Date	7/27/2019
Notes, Comments, Unique or Unexpected Circumstances Occurring during Clean-Up Operations	All cleanup goals achieved.

Camp Fire Incident

Property Report | Butte County, California

Debris Removal Right-of-Entry Permit (ROE)

County of Butte
Department of Public Health- Environmental Health
202 Mira Loma Drive
Oroville, CA 95965

Phone: 530-552-3155
Email: ROE@buttecounty.net

RECEIVED
DEC 29 2016
BY:

Debris Removal Right-of-Entry Permit

(For Providing Debris Removal on Private Property)

Owner Name: Jay Millsap + Gaia So	
Phone Number & Email: 530-321-5634 jazzmandolin4u@gmail	
Property Address: 1023 Elliott Rd, Paradise, CA, 95969	☐Unincorporated or ☑City
Assessor's Parcel Number (APN): 053-110-070-000	
Age of Structure(s): 60 yrs	

The undersigned hereby certifies they/he/she are/is (check):

_____ The owner(s) with authority to grant access to the property at (address) 1023 Elliott Rd Paradise 95969.

_____ The authorized agent of the Property Owner resident at above address.

I / we, Jay Millsap + Gaia So, certify that I am / we are the owner(s) or authorized agent of the real property located at the above address (hereinafter "Owner"). I hereby certify that I have full power and authority to execute this Right of Entry (ROE) Permit without the need for any further action, including, but not limited to, notice to or approval from any other party.

I / we hereby grant the county of Butte, local government, as well as the State of California, and the Federal Government, and their officers, employees, agencies, and independent contractors (collectively, the "Government"), a ROE upon the real property specified above by address and APN (hereafter the "Property").

1. **Time Period**: This ROE shall expire 36 months after the date of the Owner's signature(s), below, or when the debris removal activities described below are complete, as determined in the sole discretion of the Government, whichever date is sooner.

2. **Purpose**: The Government is granted this ROE to inspect, test, remove, and clear wildfire-generated debris of whatever nature including but not limited to burned or partially burned structures, ash, concrete foundations, contaminated soil, vehicles, trailers, waste or other debris from the Property ("Debris Removal"). Tree or tree limbs and shrubbery deemed hazardous to work crews, or obstructing their access to the debris clearance site, may also be removed to accomplish this work.

3. **Authorized Activities**: Owner hereby grants to the Government, the right to determine, in the Government's sole discretion, which materials and items on the Property are eligible for Debris Removal. Owner is responsible for removing, at Owner's expense, any items not eligible for Debris Removal. Owner's failure to remove items not eligible for Debris Removal may later be deemed a public nuisance by local officials.

4. **Reimbursement**: All Debris Removal activities are provided by the Government at no direct cost to Owner. However, the Owner agrees hereby to file an insurance claim if Owner possesses homeowner's or property insurance. Most homeowner's insurance policies include coverage for debris removal. State and federal law require Owner to assign any debris removal insurance proceeds to the Government to avoid a duplication of benefits (42 USC 5155; 44 CFR 204.62). In consideration of the Government's agreement to perform Debris Removal, Owner agrees to inform the insurance company listed below of this assignment and agrees to release their insurance information to the Government.

5. **Specified Debris Removal Insurance Coverage:** If Owner's insurance in effect at the time of the wildfire provides specific coverage for debris removal, Owner hereby assigns any and all rights, benefits, and proceeds with respect to these particular specific coverages to the local government and hereby authorizes that any benefits or proceeds be paid directly to local government. Owner shall not be liable for any further costs to local government.

6. **No Specified Debris Removal Insurance Coverage:** If Owner's insurance in effect at the time of the wildfire does not provide specific and separate coverage for debris removal, but debris removal coverage is included within another larger coverage category, payment to local government shall be limited to the unused benefit amount, after the residence is rebuilt. Owner shall not be liable for further costs to local government. Owner hereby assigns any and all rights, benefits, and proceeds of any unused benefit amount that is eligible for debris removal remaining in a larger coverage category to local government.

In the event the insurance companies listed below issues insurance proceeds for Debris Removal

directly to Owner, Owner shall promptly inform the local government of the amount of such proceeds and remit such insurance proceeds to the local government.

Insurance Company: Capitol Insurance Group

Policy Number: 2-HOC-1-1836211

Claim Number: 154150

Agent's Name: Rebecca Kemp (Adjuster)

Agent's Phone / e-mail: 831-233-5527 rkemp@ciginsurance.com

Secondary Insurance, or personal property insurance for other damaged items on the Property:

Insurance Company: _____

Policy Number: _____

Claim Number: _____

Agent's Name: _____

Agent's Phone / Email: _____

If Owner does not have homeowner's or other similar insurance, Owner certifies under penalty of perjury by his/her signature below that no insurance coverage for the costs fire debris removal at the Property was in effect at the time of the wildfire:

_____ _____

Owner's signature Date

Any property that is sold prior to issuance of the cleanup certification will be withdrawn from the program and billed for cleanup services, unless both new and former Owners sign a property transfer affidavit. Costs for work completed will be billed to the insurance company listed above if applicable.

7. **Waiver of Liability:** Owner acknowledges that the Government's decisions about when, where, and how to provide Debris Removal services on Owner's property are discretionary functions. Owner hereby acknowledges that the Government is not liable for any claim based on the exercise or performance, or failure to exercise or perform, a discretionary function, and promises not to make such a claim. **Owner further releases and agrees to hold and save harmless the Government from all liability for any damage or loss whatsoever that may occur during or after performance of the Government's Debris Removal activities. Please also see paragraph 9, below**. Owner therefore waives any claims or legal action against the

Government. This indemnification is required by state and federal law, including the California Emergency Services Act, California Government Code section 8655 and the Stafford Act, 42 United States Code, sections 5148 and 5173.

8. **Foundations:** In order to participate in this program, Owner must allow removal of all foundations. Stem walls and retaining walls may be left on a case-by-case basis, as approved by the Operations Chief and/or his or her designee. Owner acknowledges and understands that removal of a foundation may leave a depression in the ground, and that it is Owner's responsibility to fill any depression(s) following the removal of a foundation.

9. **Soil Sampling**: Debris Removal includes taking soil samples in the debris footprint to ensure that all contaminants have been removed. If initial soil samples do not meet the cleanup goals for this project, additional soil will be removed from the debris footprint and more soil samples will be taken. Owner acknowledges and hereby authorizes the Government to remove enough soil to ensure cleanup goals have been met. Owner acknowledges this may leave a depression on the property and that it is Owner's responsibility to fill any depression left on the property.

10. **Markings of Infrastructure Facilities:** Owner agrees to make their best efforts to mark subgrade utility lines (sewer, water, electricity, gas, cable, solar), and to mark the location of septic tanks, wells, or other subgrade structures. Owner should carefully complete the attached *Property Information Form* and append any maps, diagrams, or legible notes that may be useful to the Government's contractor in locating subgrade structures.

11. **Driveway, Roadway and Other Incidental Damage:** Multi-ton excavators must perform much of the demolition, consolidation and loading of fire debris into trucks for removal to appropriate landfills. The scale and weight of this equipment, and the weight of loaded trucks hauling debris out of fire-damaged neighborhoods, often exceeds the design capacity of residential driveways, sidewalks, and roadways. Cracking and damage to asphalt and concrete pavement is a common and often unavoidable consequence, and is therefore considered incidental to Debris Removal. The Government, where feasible, will make reasonable efforts to mitigate such damage. However, by accepting Government Debris Removal at this Property, the Owner acknowledges the risk of such incidental damage as well as responsibility for the cost of any repairs to private property or jointly-owned private roadways that may be caused by Government contractors in the performance of Debris Removal operations. Owner hereby promises to hold and save harmless the Government from any repair claims described above, or any other incidental and unavoidable damage occurring as a result of routine operations.

12. **Damage to Improved Property:** Debris and ash removal crews will attempt to minimize impacts to improved property that was not damaged by the fire. The California Governor's Office of Emergency Services Operations Chief *may*, at their sole discretion, authorize attempted repair or replacement of improved property that was negligently damaged during the Debris Removal operations. However, Owner acknowledges paragraphs 5 and 9 of this ROE limit the liability of the Government and their contractors.

13. **Modification**: The provisions of this ROE may not be modified. Owner may cancel this ROE only by submitting an executed *Withdrawal Form* to the County (see attached).

14. **Fraudulent or Willful Misstatement of Fact**: An individual who fraudulently or willfully misstates any fact in connection with this agreement may be subject to penalties under state and federal law, including civil penalties, imprisonment for not more than five years, or both, as provided under 18 United States Code, section 1001.

Jay Millsap Gaia So
Printed name of Owner or Agent

Signature of Owner or Agent Gaia So 12-29-18
Date

530-321-5634 jazzmandolin4u@gmail
Phone number of Owner or Agent E-mail address of Owner or Agent

2411 26th ave Oakland 94601
Mailing address of Owner or Agent

Approved by County of Butte and verified that the Property, APN, and Owner are accurate and meet the eligibility requirements of program:

Diana Kato ROE Rep
Title and Printed name of County Representative

Signature of County Representative 1/17/19
Date

Disaster Debris Removal Program
Property Information

Please identify all that apply on the Property:

Vehicles	Location	Description	Comments
Car	backof lot	burned	please take away!
Boat or Trailer			
Other vehicles			
Other:			

Underground Tanks	Location	Construction Date (If Known)	Comments
Septic[1]		2013!	to the right of the concrete elevated porch structure
Fuel/Oil[2]			
Water			
Other:			

1. Septic tanks will be pumped of all waste as part of the debris removal project only if they posed a hazard to crews.
2. Owner must provide documentation of ownership for large propane tanks to be removed.

Underground Structures	Location	Construction Date (If Known)	Comments
Basement			
Root Cellar			
Other:			

Camp Fire Incident

Property Report | Butte County, California

Site Assessment Form

TETRA TECH

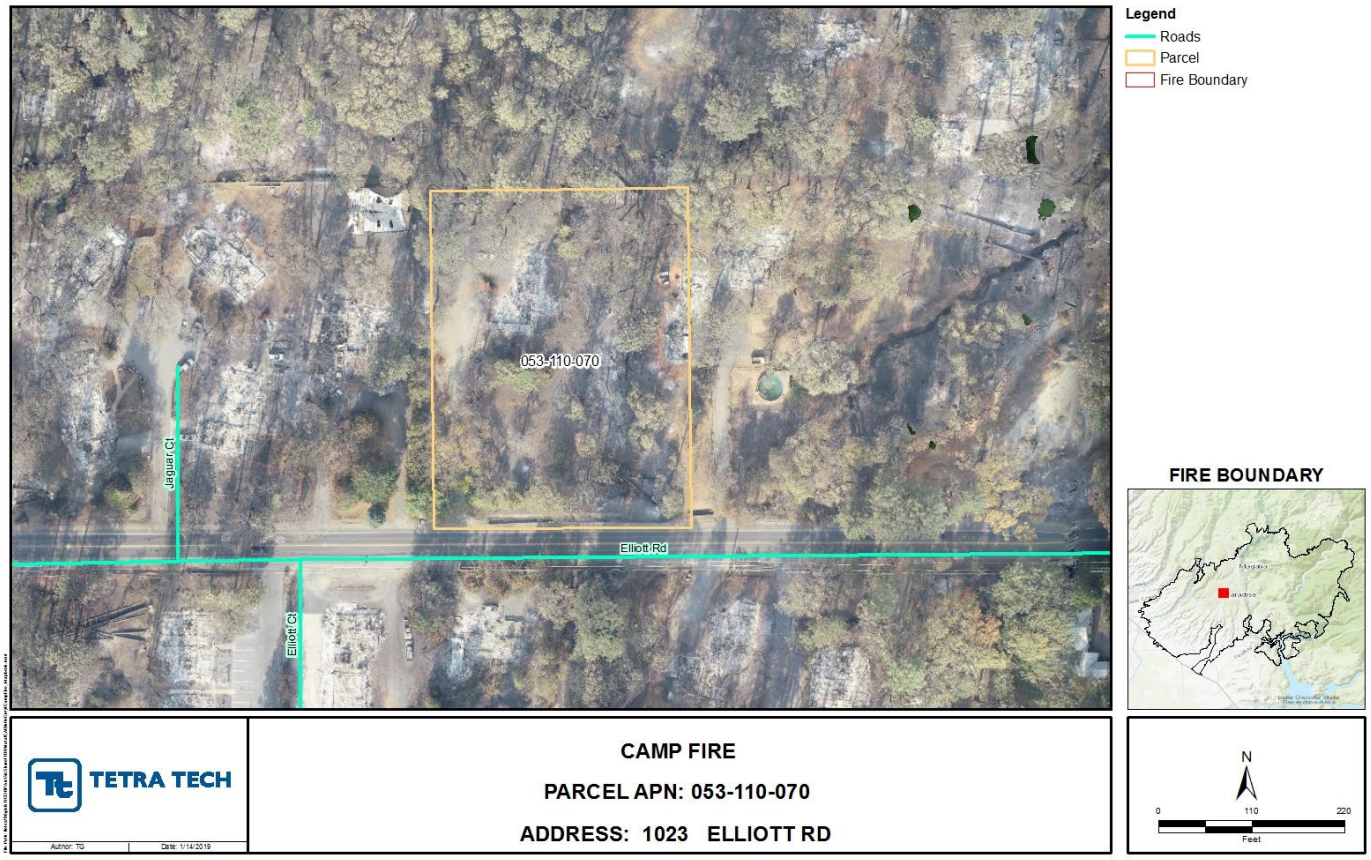
CalRecycle – Camp Fire Site Assessment

Parcel # 053-110-070

Address: 1023 Elliott Road	
Survey Date: 1/29/2019	**Surveyor(S)**: Zack Phillips, Jacob Glenn
Damage Area: Paradise	
Foundation	
[ ] Basement [ ] On Block [X] Slab (On-Grade) [ ] No Visible Foundation	
Notes:	
Exterior	
[ ] Exterior Walls Damaged [X] Totally Collapsed [ ] No Visible Damage Observed	[ ] Visible Structural Damage [ ] Partially Collapsed
Notes:	
Driveway	
[ ] Paved [X] Dirt/Stone [ ] Bridge	[ ] Pre-Existing Damage (Cracks Or
Site Hazards	
[X] [A] Automobile	[ ] Pool/Spa (Below Ground)
[ ] [C] Chimney	[ ] [R] RVs (Other Motorized Vehicle)
[ ] [H] HHW	[ ] [S] Septic
[X] [M] Metal	[ ] [T] Tree(S) – Rec Removal
[ ] [Y] Motorcycle	[X] [U] Utilities
[ ] (PL) Propane (Large Tank)	[ ] [V] Vessels
[ ] (PS) Propane (Small Tank)	[ ] (W) Well Water
[ ] Pool/Spa (Above Ground)	[ ] Solar Panel/Windmill

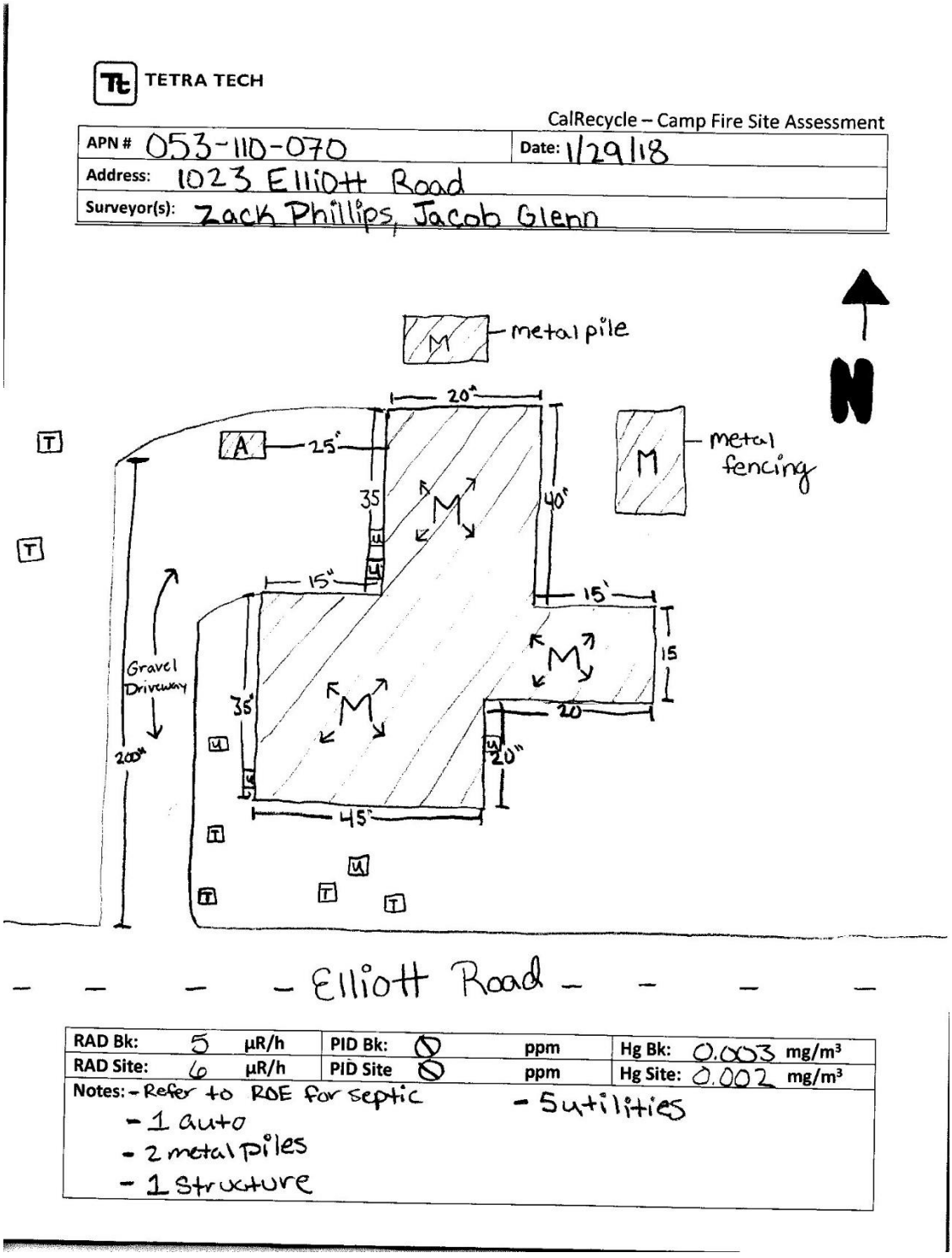
Parcel # 053-110-070

Parcel Location – Aerial Imagery



***Imagery provided is based on California parcel data overlaid against ESRI base map imagery. This should not be used as a lone dataset without referencing against County data, visual data, and other available datasets to identify parcel boundaries**.

Site Survey Sketch 1



Site Survey Sketch Key

Diagram Key

- A — Automobile
- C — Chimney
- H — HHW (Household hazardous waste, paint cans with lids)
- M — Metal
- Y — Motorcycle
- PL — Propane large (used to power house, etc.)
- PS — Propane small (grills)
- Pool/Spa (draw in shape of pool or spa)
- R — Recreational Vehicles (Motorhomes, ATV, 4-wheeler, golf cart, trailers etc.)
- S — Septic
- T — Tree removal recommended (hazard to crews, most likely need to be removed)
- V — Vessels (vessels with motors)
- U — Municipal water
- W — Well
- Retaining wall - concrete
- Retaining wall - rock/stone
- Ash footprint
- Foundation footprint
- Concrete areas (driveways, sidewalks, etc.)
- Dirt driveway

Driveway Photo



Property View From Front	
Structure	Primary Structure



Photo Description

Property View Left Side	
Structure	Primary Structure



Photo Description

Property View Back Side	
Structure	Primary Structure



Photo Description

Property View Right Side	
Structure	Primary Structure



Photo Description

Site Hazard	Automobile
Photo Direction	



Photo Description

Site Hazard	Metal
Photo Direction	



Photo Description

Site Hazard	Metal
Photo Direction	



Photo Description

Camp Fire Incident

Property Report | Butte County, California

Asbestos Survey Form

This iForm was created from the original handwritten survey form for this property. The original handwritten form is attached on the final page.

Camp Fire Incident

Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

Inspector(s): Shek Guha Jerome Faga

Structures: 1 # Samples: 7

Construction Materials:
[X] Wood [ ] Masonry [X] Concrete [X] Metal [ ] Unknown [ ] None
[ ] Other:

Foundation:
[ ] Slab [X] Subfloor [ ] Footings [ ] Unknown [ ] None
[ ] Other:

Floor:
[ ] Concrete [ ] Wood [ ] Dirt [X] Unknown [ ] None
[ ] Other:

Roofing:
[ ] Clay Tile [ ] Cementitious Shingle [X] Asphaltic Composite [ ] Metal [ ] Unknown [ ] None
[ ] Other:

Siding:
[ ] Wood [ ] Cementitious [ ] Panels [ ] Brick [ ] Concrete [ ] Stucco [ ] Vinyl [ ] Aluminum [ ] None
[X] Unknown [ ] Other:

Basement/Crawlspace: [X] No [ ] Yes

Furnace/Ducts: [ ] No [X] Yes No Suspect

Chimney(s): [X] No [ ] Yes how many? NESHAP Walls: [X] No [ ] Yes

Limitations: [X] No [ ] Yes Explain:

Structure(s)

Structure Type: House Structural Integrity: Destroyed Suspect Material: Yes

Suspect Material	SAMPLE #	SAMPLE ID	Material Location	Quantity (SF/LF)
Concrete	01	BFI-053-110-070-01	House Foundation	600(SF)
Cementitious Board	02	BFI-053-110-070-02	House Kitchen	400(SF)
Tile Bed and Grout	03	BFI-053-110-070-03	House Bathroom	200(SF)
Asphalt Shingle	04	BFI-053-110-070-04	House Throughout	1500(SF)
Drywall and Joint Compound	05	BFI-053-110-070-05	House Throughout	2000(SF)
Floor Tile	06	BFI-053-110-070-06	House Living Area	1200(SF)
Cementitious Siding	07	BFI-053-110-070-07	House Exterior	2200(SF)

This iForm was created from the original handwritten survey form for this property. The original handwritten form is attached on the final page.

Camp Fire Incident

Date of Inspection: 2/1/2019

Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

Materials Marked: [X] Yes [ ] No [ ] NA

Paint Color: Pink

OTHER NOTES ON THE PROPERTY:

This iForm was created from the original handwritten survey form for this property. The original handwritten form is attached on the final page.

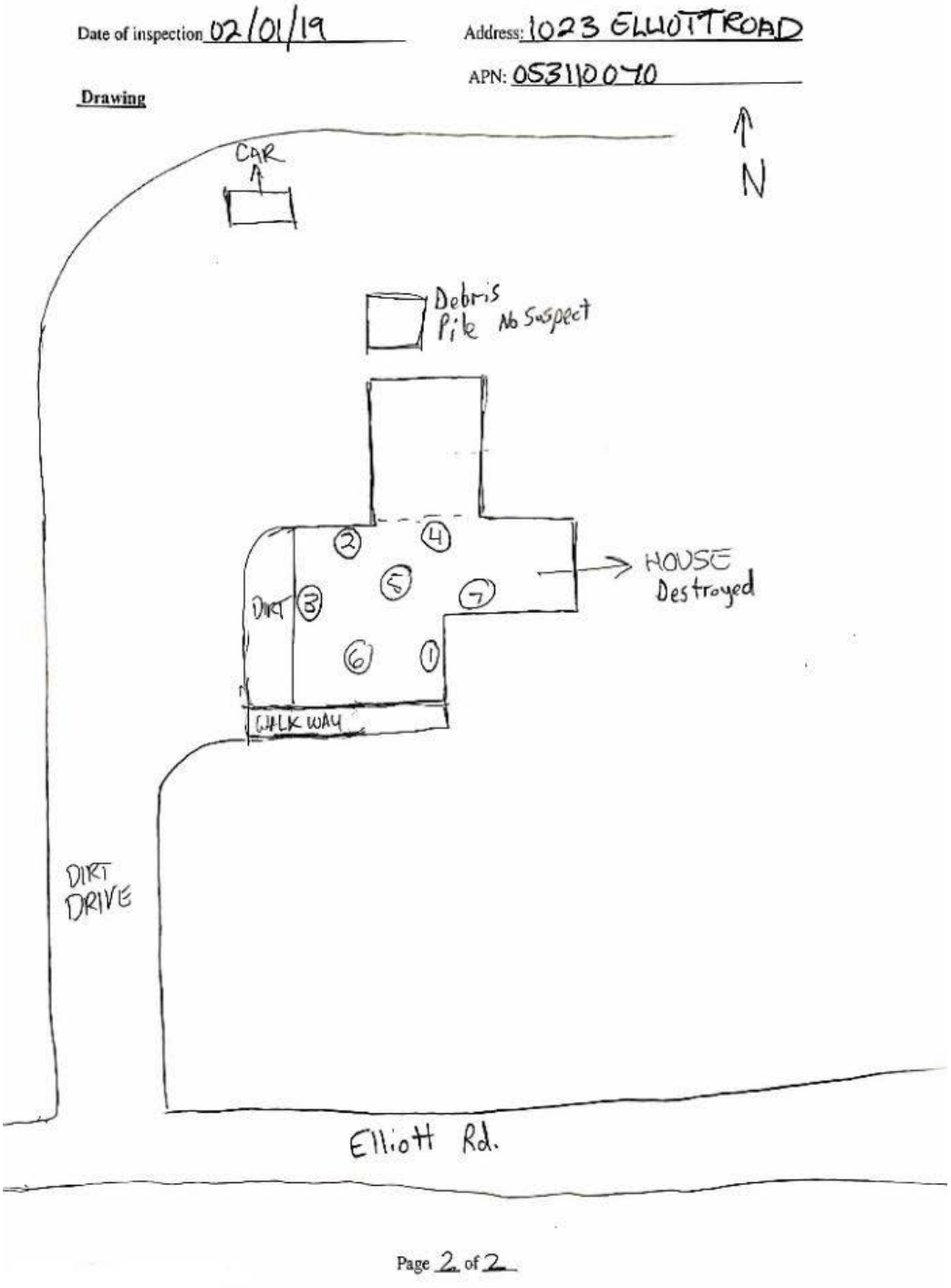
Camp Fire Incident

Date of Inspection: 2/1/2019

Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

Property Drawing:



Camp Fire Incident

Date of Inspection: 2/1/2019

Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

Property Overview Photo:



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Foundation - BFI-053-110-070-01

Suspect Material: Concrete



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Kitchen - BFI-053-110-070-02

Suspect Material: Cementitious Board



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Bathroom - BFI-053-110-070-03

Suspect Material: Tile Bed and Grout



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Throughout - BFI-053-110-070-04

Suspect Material: Asphalt Shingle



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Throughout - BFI-053-110-070-05

Suspect Material: Drywall and Joint Compound



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Living Area - BFI-053-110-070-06

Suspect Material: Floor Tile



This iForm was created from the original handwritten survey form for this property. The original handwritten form is attached on the final page.

Camp Fire Incident

Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

CAMP FIRE INCIDENT

Date of inspection 02/01/19 Address: 1023 ELLIOTT ROAD

APN: 053-110-070 Owner: JAUMILLEAP & GAIA SO

Inspectors: SHEK GUHA, JEROME FAGA # Structures: 1 HOUSE DESTROYED

Construction:
(Wood) - Masonry - (Concrete) - (Metal) - Other
Basement - Crawlspace - Other: _____ Roofing: SHINGLE
Slab on Grade (SubFloor) - Other: N/A Siding: N/A
FURNACE/ DUCTS: METAL DUCTS. NO INSULATION
CHIMNEY (s) (NO) YES how many? _____ **WALLs** (NO) YES how many? _____
LIMITATIONS?: (NO) YES **Explain:**

Suspect Material	SAMPLE #	Material Location	Quantity (SF/LF	Photo
CONCRETE	1	FOUNDATION ALL AREA	600	✓
CEMENTITIOUS BOARD	2	KITCHEN AREA	400	✓
CERAMIC WALL TILE & GROUT	3	BATH ROOM	200	✓
ROOF SHINGLE	4	GARAGE & MAIN BLD	1500	✓
DRY WALL JT. COMP	5	MAIN BLDG	2000	✓
FLOOR TILE	6	LIVING AREA	1200	✓
CEMENTITIOUS SIDING	7	ALL AREAS WAGES HOUSE NO	2800	✓

Materials Marked: (Yes) - No - NA **Paint Color:** PINK.
OTHER NOTES ON THE PROPERTY:

Page 1 of 2

Camp Fire Incident

Property Report | Butte County, California

Asbestos Survey Results

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February 5, 2019

Tetra Tech
2969 Prospect Park Drive Ste 100
Rancho Cordova, CA 95670

CLIENT PROJECT: Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053 -110-070, 1023 Elliot Rd
CEI LAB CODE: B190736

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 4, 2019. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Tetra Tech

CLIENT PROJECT:	Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053-110-070, 1023 Elliot Rd
LAB CODE:	B190736
TEST METHOD:	EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020
REPORT DATE:	02/05/19
TOTAL SAMPLES ANALYZED:	7
# SAMPLES >1% ASBESTOS:	1

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053-110-070, 1023 Elliot Rd

LAB CODE: B190736

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
BFI-053110070-01		B11217	Gray	Concrete	None Detected
BFI-053110070-02		B11218	Gray	Cement Board	None Detected
BFI-053110070-03	Layer 1	B11219	White	Ceramic Wall Tile	None Detected
	Layer 2	B11219	Off-white	Grout	None Detected
BFI-053110070-04		B11220	White	Roof Shingle	None Detected
BFI-053110070-05		B11221	Gray,White	Drywall/Joint Compound	None Detected
BFI-053110070-06		B11222	Beige	Floor Tile	None Detected
BFI-053110070-07		B11223	Gray	Cement Board	Chrysotile 15%

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Tetra Tech
2969 Prospect Park Drive Ste 100
Rancho Cordova, CA 95670

Lab Code: B190736
Date Received: 02-04-19
Date Analyzed: 02-05-19
Date Reported: 02-05-19

Project: Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053-110-070, 1023 Elliot Rd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
BFI-053110070-01 B11217	Concrete	Heterogeneous Gray Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
BFI-053110070-02 B11218	Cement Board	Heterogeneous Gray Non-fibrous Bound			40% 60%	Silicates Binder	None Detected
BFI-053110070-03 Layer 1 B11219	Ceramic Wall Tile	Heterogeneous White Non-fibrous Bound			100%	Binder	None Detected
Layer 2 B11219	Grout	Heterogeneous Off-white Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
BFI-053110070-04 B11220	Roof Shingle	Heterogeneous White Fibrous Bound	55%	Fiberglass	35% 10%	Binder Gravel	None Detected
BFI-053110070-05 B11221	Drywall/Joint Compound	Heterogeneous Gray,White Non-fibrous Bound	5%	Cellulose	55% 25% 15%	Binder Caulk Silicates	None Detected
BFI-053110070-06 B11222	Floor Tile	Heterogeneous Beige Non-fibrous Bound			90% 10%	Binder Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Tetra Tech
2969 Prospect Park Drive Ste 100
Rancho Cordova, CA 95670

Lab Code: B190736
Date Received: 02-04-19
Date Analyzed: 02-05-19
Date Reported: 02-05-19

Project: Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053-110-070, 1023 Elliot Rd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	 Non-Fibrous	ASBESTOS %
BFI-053110070-07 B11223	Cement Board	Heterogeneous Gray Non-fibrous Bound	85%	Binder	**15% Chrysotile**

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LEGEND:
Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID, location, volume and area as well as date and time of sampling.

ANALYST: Candace Burrus

APPROVED BY: Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

MicroTest™ Laboratories
5150 Sunrise Boulevard, Suite B-1, Fair Oaks, CA 95628
PH 916.567.9808/800.713.3334 | FX 916.436.3603
www.microtestlabsinc.com | microtestlabsinc@yahoo.com

for office use only
Accession Numbers (7)
B190736
B11217 - B11223

CLIENT INFORMATION

Company	Tetra Tech
Sampler	SHEK GUHA
Address	2969 Prospect Park Dr., Ste 100
	Rancho Cordova, CA 95670
Phone	916-997-8085
Email	lona.pearson@tetratech.com

SAMPLE
Date 2/1/2019,
Time

MicroTest Laboratories
Chain-Of-Custody

JOB SITE INFORMATION

Site (APN)	053-110-070
Address	1023 ELLIOT RD.
Name	Camp/Paradise Fire
Job #	105S007003
PO #	

TURN AROUND	ASBESTOS	LEAD	MICROBIOLOGICAL	
___ Rush	X PLM*	___ Paint Chip	___ Spore Trap	___ Sewage Screen
___ Same Day	___ TTFP*	___ Wipe	___ DP-Tape	___ HPC*
X 24-Hour	___ 400 Pt. Ct.	___ Air	___ DP-Swab	___ HPC* with ID
___ 2-Day	___ 1000 Pt. Ct.	___ Soil	___ DP-Bulk	___ Other
___ 3-Day	___ PCM*	___ TTLC*/STLC*	___ Andersen	
___ 7-Day	___ TEM*	___ TCLP*		

Sample Number	Sample ID	Location	Description
1	BFI-053110070-1	FOUNDATION ALL AROUND	CONCRETE.
2	-2	KITCHEN AREA.	CEMENT BOARD
3	-3	BATH ROOM	CERAMIC WALL TILE & FLOOR
4	-4	GARAGE AND MAIN BLDG.	ROOF SHINGLE
5	-5	MAIN BLDG.	DRYWALL JOINT COMP.
6	-6	LIVING AREA.	FLOOR TILE
7	-7	WHOLE HOUSE ALL AROUND	CEMENTATIOUS SIDING

Issues please call Lona Pearson 916.997.8085. Email results to: Lona.pearson@tetratech.com; Andre.baker@tetratech.com;
Special Instructions: Trina.Wetters@tetratech.com; Chris.burns@tetratech.com (Stop on 1st positive as applicable per HA)

Relinquished by (Client)	Date/Time
SHEK GUHA	2/1/19
Received By (Lab)	**Date/Time**
	2/4 8:50

Relinquished by (Lab)	Date/Time
Received By (Client)	**Date/Time**

Total Number of Samples 7
COC Page # 1 of 1

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phas
Contrast Microscopy | TEM* Transmission Electron Microscopy | *TTLC** Tot
Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentratio
TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotophic Plate*

EUROFINS CEI, INC
SAMPLES ACCEPTED

Camp Fire Incident

Property Report | Butte County, California

Asbestos Abatement Clearance

*Document amended for readability

Camp Fire Daily Asbestos Abatement Clearance Form

Start Date of Abatement 3/4/19 End Date of Abatement 3/4/19

APN: 053-110-070 Address 1023 ELLIOTT ROAD

Task Force Leader SHAWNTAVIA SMITH B229571 Contractor CAL INC, ECC 806410

Date of Abatement for Specific Material	Asbestos Containing Material Abated	Unit Count Bags/Cubic yards	Completely Abated Yes/No	Initials of CAC/SST
Date of Abatement for specific material	Asbestos Containing Material Abated	Unit Count Bags/Cubic yards	Completely Abated Yes/No	Initials of CAC/SST
3/4/19	GREY Cement Board #7 CEMENTATIOUS SIDING	13 BAGS 1 CY	Yes	MV

Other suspect material uncovered during abatement Yes or No If so what and how much Lf or SF was it abated or sampled for rush analysis

Clear for debris removal (YES) **NO**

Final Completion Inspector Signature [signature]

Task Force Leader Signature [signature]

OTHER NOTES ON THE PROPERTY:
Approx 20 lb Button Bed Plaster removed/Abated. MV

Camp Fire Incident

Property Report | Butte County, California

Cleanup Goals Screening Table

Camp Fire Incident

Cleanup Goals Screening Table

APN: 053-110-070
1023 ELLIOTT RD
PARADISE CA 95969

SDG #: 1922026
Lab Name: BC Laboratories

Metals (mg/kg)

Sample ID	Sample Date	Antimony [i]	Arsenic	Barium	Beryllium	Cadmium [i]	Chromium	Cobalt	Copper	Lead	Mercury [i]	Molybdenum	Nickel	Selenium	Silver [i]	Thallium [h]	Vanadium	Zinc
Background[a]		0.46	7.7	360	1.0	0.32	200	36	77	54	0.18	1.1	130	4.5	0.28	1.2	220	120
Hazardous Waste TTLC Limit[b]		500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
US EPA RSL[c]		31	0.7	15,000	160	71	120,000	23	3,100	400	11	390	1,500	390	390	0.8	390	23,000
CalEPA CHHSL[d]		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0	NA	NA
DTSC HERO[e]		-	0.07	-	15	5.2	36,000	-	-	80	1	-	490	-	390	-	390	-
TVP Area Cleanup Goal[f]		**31**	**7.7**	**9,999**	**15**	**5.2**	**2,499**	**36**	**2,499**	**80**	**1.0**	**390**	**490**	**99**	**390**	**5.0**	**390**	**4,999**
Lab Margin of Error Applied[g]		**37**	**9.2**	**9,999**	**18**	**6.2**	**2,499**	**43**	**2,499**	**80**	**1.2**	**468**	**588**	**99**	**468**	**6.0**	**468**	**4,999**
BFI-053-110-070-A1	7/3/19	0.45 J	5.3	170	0.68 J	0.62 U	97	15	58	28	0.25 U	0.89 J	51	0.92 J	0.33 J	0.24 J	160	130
BFI-053-110-070-A2	7/3/19	0.48 J	3.9	190	0.7 J	0.62 U	100	16	61	25	0.25 U	1 J	53	2.5 U	0.26 J	0.25 J	160	100
BFI-053-110-070-A3	7/3/19	2.5 U	3.2	160	1.2 U	0.62 U	97	14	47	19	0.25 U	0.56 J	36	2.5 U	0.26 J	1.2 U	160	73 J+
BFI-053-110-070-A4	7/3/19	0.41 J	2.8	190	1.2 U	0.62 U	94	14	49	21	0.18 J	0.62 J	36	2.5 U	0.3 J	1.2 U	160	66
BFI-053-110-070-A5	7/3/19	2.5 U	3.3	140	1.2 U	0.62 U	99	13	47	16	0.25 U	0.81 J	35	1.2 J	0.29 J	1.2 U	170	62
BFI-053-110-070-B1	7/3/19	1.3 J	5.5	210	1.2 U	0.62 U	100	16	70	70	0.16 J	1.4	45	0.58 J	0.27 J	1.2 U	170	260

Camp Fire Incident

Cleanup Goals Screening Table

Notes:

NA Not applicable, per Note f below

- None listed

a Background levels calculated based on 95th upper tolerance level with 95 percent coverage of data, except as noted.

b Total Threshold Limit Concentration (TTLC), California Code of Regulations, Title 22, Chapter 11, Article 3. Screens set 1 mg/kg below TTLC value.

c U.S. Environmental Protection Agency, Risk-Based Screening Levels (RSL), November 2018.

d California Environmental Protection Agency, Revised California Human Health Screening Levels (CHHSL).

e California Department of Toxic Substances Control (DTSC), Office of Human Health and Ecological Risk (HERO) Human Health Risk Assessment (HHRA) Note Number: 3, DTSC-Modified Screening Levels. June 2018.

f The cleanup goal is the lower of the TTLC, EPA RSL and DTSC HERO levels unless the background concentration is higher than the screeing level . If the background concentration is higher than the screening levels, the background concentration is selected as the cleanup goal. The laboratory practical quantitation limit (PQL) for thallium is 1.0 mg/kg, which renders low confidence in achieving the EPA RSL of 0.8 mg/kg. CalRecycle selected the CHHSL of 5.0 mg/kg for thallium as a result of laboratory technical limitations and based on past fire incident experience. CHHSLs for other chemicals have been superseded by the updated DTSC HERO or EPA RSL levels , and were not considered.

g A 20% laboratory margin of error is applied to all cleanup goals except for lead and those based on TTLC concentrations .

h Not detected; background set to the highest detection limit.

i Background statistics were not calculated if fewer than four detected results; therefore, the background level is set to the maximum detected concentration.

Arsenic was detected up to 46 mg/kg; however, the sample was removed from the statistics as an outlier.
Cadmium was detected at 6.0 mg/kg; however, the sample was removed from the statistics as an outlier.
Cobalt was detected above the background level up to 48 mg/kg.
Lead was detected above the background level up to 110 mg/kg.
Nickel was detected up to 1,300 mg/kg; however, the sample was removed from the statistics as an outlier.

Camp Fire Incident

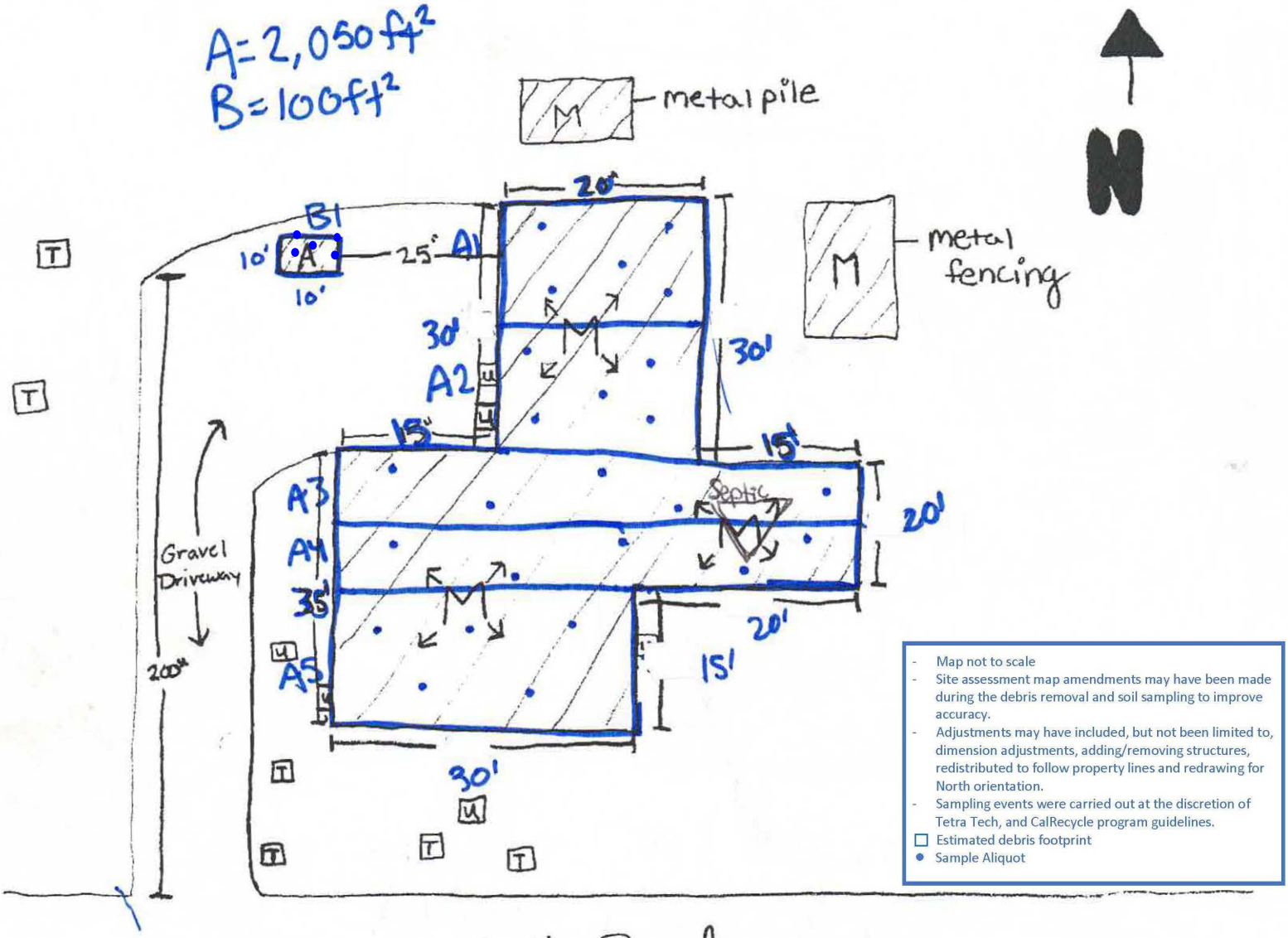
Property Report | Butte County, California

Soil Sampling Map

TETRA TECH

CalRecycle – Camp Fire Site Assessment

APN # 053-110-070	Date: 1/29/18
Address: 1023 Elliott Road	
Surveyor(s): Zack Phillips, Jacob Glenn	



Elliott Road

RAD Bk:	5	µR/h	PID Bk:	⊘	ppm	Hg Bk:	0.003 mg/m³
RAD Site:	6	µR/h	PID Site	⊘	ppm	Hg Site:	0.002 mg/m³

Notes: - Refer to ROE for septic - 5 utilities
- 1 auto
- 2 metal piles
- 1 structure

Camp Fire Incident

Property Report | Butte County, California

Laboratory Report **and**
Data Validation Checklist

Date of Report: 07/15/2019

Susan Gallagher

Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Client Project:	053-110-070 (1023 ELLIOTT RD PARADISE CA 95969)
BCL Project:	Camp Fire
BCL Work Order:	1922026
Invoice ID:	B346983

Enclosed are the results of analyses for samples received by the laboratory on 7/9/2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Sample Results

1922026-01 - BFI-053-110-070-A1
Total Concentrations (TTLC) 6
1922026-02 - BFI-053-110-070-A2
Total Concentrations (TTLC) 7
1922026-03 - BFI-053-110-070-A3
Total Concentrations (TTLC) 8
1922026-04 - BFI-053-110-070-A4
Total Concentrations (TTLC) 9
1922026-05 - BFI-053-110-070-A5
Total Concentrations (TTLC) 10
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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CHAIN OF CUSTODY RECORD

Camp Fire Incident
Location: Butte County, CA

No: 19-220260 **RUSH!**

AET ☐ BSK ☐ Pace ☐
Alpha ☐ EMAX ☐ Test America ☐
ALS ☐ Enthalpy ☐ ☐
BC ☑ Eurofins ☐ ☐

Report to Contact Name: Susan Gallagher			**Bill To Company:** Tetra Tech, Inc.		
Company Name: Tetra Tech			**Attention:** Accounts Payable		
Street: 1 S Wacker Drive, 37th Floor			**Street:** 1 S Wacker Drive, 37th Floor		
City: Chicago	**State:** IL	**Zip Code:** 60606	**City:** Chicago	**State:** IL	**Zip Code:** 60606
Phone: (360) 728-2141	**Fax:**		**Phone:** (312) 201-7700	**Fax:**	
Project Name: Camp Fire	**Email Results To:** Susan.Gallagher@tetratech.com		**US State where Samples Collected:** CA		
Number of Samples: 6	**Date Shipped:** 7/8/2019	**Purchase Order:**	**Sampled By:** Team01_Jackson Esparza, Joe Romero		

Lab #	Sample #	Collected	Sample Time	Containers	Location	Analysis	Matrix	TAT
-1	BFI-053-110-070-A1	7/3/2019	13:30:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-2	BFI-053-110-070-A2	7/3/2019	13:35:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-3	BFI-053-110-070-A3	7/3/2019	13:40:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-4	BFI-053-110-070-A4	7/3/2019	13:45:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-5	BFI-053-110-070-A5	7/3/2019	13:50:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-6	BFI-053-110-070-B1	7/3/2019	13:55:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr

CHK BY
DISTRIBUTION
SUB OUT ☐

Special Instructions: Level II data package requested. CAM-17 List (Ag, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo, Ni, Pb, Sb, Se, Tl, V, Zn)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	FT	7/3/19 1700	BC LABS	7/8/19 12:00	GOOD
				7.9.19 09:00	

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Chain of Custody and Cooler Receipt Form for 1922026 Page 2 of 2

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of

Submission #: 19-22026

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☐ Other ☐ (Specify) GSO	Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify)	YES ☐ NO ☐ W / S

Refrigerant: Ice ☐ Blue Ice ☐ None ☒ Other ☐ Comments: NO Ice.

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .98 Container: Glass Thermometer ID: 274 VWR 7/19 Date/Time: 7.9.19

Temperature: (A) 19.3 °C / (C) 19.0 °C Analyst Init: JB 09.00

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 505/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR X10 4oz	A	A	A	A	A	A				
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: JHH Date/Time: 7-9-19 11:30

A = Actual / C = Corrected

Rev-21 05/23/2016

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1922026-01	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:30
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A1	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-02	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:35
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A2	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-03	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:40
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A3	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-04	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:45
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A4	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-05	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:50
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A5	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-06	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:55
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-B1	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-01 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A1, 7/3/2019 1:30:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	0.45 (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	J,A07	1
Arsenic	**5.3 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**170 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	**0.68 (AR)**	**mg/kg**	**1.2 (AR)**	**0.20 (AR)**	**EPA-6020**	75	**J,A07**	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**97 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**15 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**58 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**28 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	ND (AR)	mg/kg	0.25 (AR)	0.10 (AR)	EPA-6020A	20	A07	2
Molybdenum	**0.89 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**J,A07**	1
Nickel	**51 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	0.92 (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	J,A07	1
Silver	0.33 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	1
Thallium	0.24 (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	J,A07	1
Vanadium	**160 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**130 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/09/19 18:25	07/10/19 15:22	AS1	PE-EL2	4.587	B050520
2	EPA-6020A	07/09/19 18:25	07/10/19 15:22	AS1	PE-EL2	4.587	B050520

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-02 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A2, 7/3/2019 1:35:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	0.48 (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	J,A07	1
Arsenic	**3.9 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**190 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	**0.70 (AR)**	**mg/kg**	**1.2 (AR)**	**0.20 (AR)**	**EPA-6020**	75	**J,A07**	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**100 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**16 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**61 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**25 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	ND (AR)	mg/kg	0.25 (AR)	0.10 (AR)	EPA-6020A	20	A07	2
Molybdenum	**1.0 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**J,A07**	1
Nickel	**53 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	ND (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	A07	1
Silver	0.26 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	1
Thallium	0.25 (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	J,A07	1
Vanadium	**160 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**100 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/09/19 18:25	07/10/19 15:09	AS1	PE-EL2	4.630	B050520
2	EPA-6020A	07/09/19 18:25	07/10/19 15:09	AS1	PE-EL2	4.630	B050520

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-03 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A3, 7/3/2019 1:40:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	A07	1
Arsenic	**3.2 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**160 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	ND (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	A07	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**97 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**14 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**47 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**19 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	ND (AR)	mg/kg	0.25 (AR)	0.10 (AR)	EPA-6020A	20	A07	2
Molybdenum	0.56 (AR)	mg/kg	1.2 (AR)	0.22 (AR)	EPA-6020	3500	J,A07	1
Nickel	**36 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	ND (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	A07	1
Silver	0.26 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	3
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**160 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**73 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/11/19 12:00	07/11/19 22:49	ARD	PE-EL2	5	B050855
2	EPA-6020A	07/11/19 12:00	07/11/19 22:49	ARD	PE-EL2	5	B050855
3	EPA-6020	07/11/19 15:15	07/13/19 18:15	AS1	PE-EL2	5	B050966

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-04 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A4, 7/3/2019 1:45:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	0.41 (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	J,A07	1
Arsenic	**2.8 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**190 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	ND (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	A07	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**94 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**14 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**49 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**21 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	**0.18 (AR)**	**mg/kg**	**0.25 (AR)**	**0.10 (AR)**	**EPA-6020A**	20	**J,A07**	2
Molybdenum	0.62 (AR)	mg/kg	1.2 (AR)	0.22 (AR)	EPA-6020	3500	J,A07	1
Nickel	**36 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	ND (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	A07	1
Silver	0.30 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	3
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**160 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**66 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/11/19 12:00	07/11/19 23:05	ARD	PE-EL2	4.902	B050855
2	EPA-6020A	07/11/19 12:00	07/11/19 23:05	ARD	PE-EL2	4.902	B050855
3	EPA-6020	07/11/19 15:15	07/13/19 18:34	AS1	PE-EL2	5	B050966

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-05 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A5, 7/3/2019 1:50:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	A07	1
Arsenic	**3.3 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**140 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	ND (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	A07	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**99 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**13 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**47 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**16 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	ND (AR)	mg/kg	0.25 (AR)	0.10 (AR)	EPA-6020A	20	A07	2
Molybdenum	**0.81 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**J,A07**	1
Nickel	**35 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	**1.2 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	100	**J,A07**	1
Silver	0.29 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	3
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**170 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**62 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/11/19 12:00	07/11/19 23:06	ARD	PE-EL2	4.902	B050855
2	EPA-6020A	07/11/19 12:00	07/11/19 23:06	ARD	PE-EL2	4.902	B050855
3	EPA-6020	07/11/19 15:15	07/13/19 18:35	AS1	PE-EL2	4.630	B050966

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-06 | **Client Sample Name:** 053-110-070, BFI-053-110-070-B1, 7/3/2019 1:55:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	**1.3 (AR)**	**mg/kg**	**2.5 (AR)**	**0.40 (AR)**	**EPA-6020**	500	**J,A07**	1
Arsenic	**5.5 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**210 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	ND (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	A07	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**100 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**16 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**70 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**70 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	**0.16 (AR)**	**mg/kg**	**0.25 (AR)**	**0.10 (AR)**	**EPA-6020A**	20	**J,A07**	2
Molybdenum	**1.4 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**A07**	1
Nickel	**45 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	0.58 (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	J,A07	1
Silver	0.27 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	3
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**170 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**260 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/11/19 12:00	07/11/19 23:08	ARD	PE-EL2	4.854	B050855
2	EPA-6020A	07/11/19 12:00	07/11/19 23:08	ARD	PE-EL2	4.854	B050855
3	EPA-6020	07/11/19 15:15	07/13/19 18:37	AS1	PE-EL2	4.950	B050966

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B050520						
Antimony	B050520-BLK1	ND	mg/kg	0.50	0.080	
Arsenic	B050520-BLK1	ND	mg/kg	0.50	0.17	
Barium	B050520-BLK1	ND	mg/kg	0.25	0.054	
Beryllium	B050520-BLK1	ND	mg/kg	0.25	0.041	
Cadmium	B050520-BLK1	ND	mg/kg	0.12	0.048	
Chromium	B050520-BLK1	ND	mg/kg	0.75	0.25	
Cobalt	B050520-BLK1	ND	mg/kg	0.25	0.049	
Copper	B050520-BLK1	ND	mg/kg	0.50	0.099	
Lead	B050520-BLK1	ND	mg/kg	0.25	0.12	
Mercury	B050520-BLK1	ND	mg/kg	0.050	0.021	
Molybdenum	B050520-BLK1	ND	mg/kg	0.25	0.045	
Nickel	B050520-BLK1	ND	mg/kg	0.50	0.11	
Selenium	B050520-BLK1	ND	mg/kg	0.50	0.11	
Silver	B050520-BLK1	ND	mg/kg	0.25	0.051	
Thallium	B050520-BLK1	ND	mg/kg	0.25	0.049	
Vanadium	B050520-BLK1	ND	mg/kg	0.75	0.27	
Zinc	**B050520-BLK1**	**0.96475**	**mg/kg**	**2.5**	**0.50**	**J**
QC Batch ID: B050855						
Antimony	B050855-BLK1	ND	mg/kg	0.50	0.080	
Arsenic	B050855-BLK1	ND	mg/kg	0.50	0.17	
Barium	**B050855-BLK1**	**0.094500**	**mg/kg**	**0.25**	**0.054**	**J**
Beryllium	**B050855-BLK1**	**0.049500**	**mg/kg**	**0.25**	**0.041**	**J**
Cadmium	B050855-BLK1	ND	mg/kg	0.12	0.048	
Chromium	B050855-BLK1	ND	mg/kg	0.75	0.25	
Cobalt	B050855-BLK1	ND	mg/kg	0.25	0.049	
Copper	B050855-BLK1	ND	mg/kg	0.50	0.099	
Lead	**B050855-BLK1**	**0.17675**	**mg/kg**	**0.25**	**0.12**	**J**
Mercury	B050855-BLK1	ND	mg/kg	0.050	0.021	
Molybdenum	B050855-BLK1	ND	mg/kg	0.25	0.045	
Nickel	**B050855-BLK1**	**0.15375**	**mg/kg**	**0.50**	**0.11**	**J**
Selenium	B050855-BLK1	ND	mg/kg	0.50	0.11	
Thallium	B050855-BLK1	ND	mg/kg	0.25	0.049	
Vanadium	B050855-BLK1	ND	mg/kg	0.75	0.27	

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Tetra Tech EM, Inc
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Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B050855						
Zinc	B050855-BLK1	ND	mg/kg	2.5	0.50	
QC Batch ID: B050966						
Silver	B050966-BLK1	ND	mg/kg	0.25	0.051	

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B050520										
Antimony	B050520-BS1	LCS	10.226	10.000	mg/kg	102		75 - 125		
Arsenic	B050520-BS1	LCS	26.371	25.000	mg/kg	105		75 - 125		
Barium	B050520-BS1	LCS	9.9990	10.000	mg/kg	100		75 - 125		
Beryllium	B050520-BS1	LCS	11.074	10.000	mg/kg	111		75 - 125		
Cadmium	B050520-BS1	LCS	10.069	10.000	mg/kg	101		75 - 125		
Chromium	B050520-BS1	LCS	10.309	10.000	mg/kg	103		75 - 125		
Cobalt	B050520-BS1	LCS	10.463	10.000	mg/kg	105		75 - 125		
Copper	B050520-BS1	LCS	26.645	25.000	mg/kg	107		75 - 125		
Lead	B050520-BS1	LCS	26.190	25.000	mg/kg	105		75 - 125		
Mercury	B050520-BS1	LCS	4.1742	4.0000	mg/kg	104		75 - 125		
Molybdenum	B050520-BS1	LCS	9.9070	10.000	mg/kg	99.1		75 - 125		
Nickel	B050520-BS1	LCS	26.326	25.000	mg/kg	105		75 - 125		
Selenium	B050520-BS1	LCS	26.133	25.000	mg/kg	105		75 - 125		
Silver	B050520-BS1	LCS	10.481	10.000	mg/kg	105		75 - 125		
Thallium	B050520-BS1	LCS	10.330	10.000	mg/kg	103		75 - 125		
Vanadium	B050520-BS1	LCS	10.251	10.000	mg/kg	103		75 - 125		
Zinc	B050520-BS1	LCS	28.998	25.000	mg/kg	116		75 - 125		
QC Batch ID: B050855										
Antimony	B050855-BS1	LCS	8.6902	10.000	mg/kg	86.9		75 - 125		
Arsenic	B050855-BS1	LCS	22.210	25.000	mg/kg	88.8		75 - 125		
Barium	B050855-BS1	LCS	8.9078	10.000	mg/kg	89.1		75 - 125		
Beryllium	B050855-BS1	LCS	8.7950	10.000	mg/kg	88.0		75 - 125		
Cadmium	B050855-BS1	LCS	8.9990	10.000	mg/kg	90.0		75 - 125		
Chromium	B050855-BS1	LCS	8.9798	10.000	mg/kg	89.8		75 - 125		
Cobalt	B050855-BS1	LCS	8.9232	10.000	mg/kg	89.2		75 - 125		
Copper	B050855-BS1	LCS	22.744	25.000	mg/kg	91.0		75 - 125		
Lead	B050855-BS1	LCS	22.583	25.000	mg/kg	90.3		75 - 125		
Mercury	B050855-BS1	LCS	3.5278	4.0000	mg/kg	88.2		75 - 125		
Molybdenum	B050855-BS1	LCS	8.6012	10.000	mg/kg	86.0		75 - 125		
Nickel	B050855-BS1	LCS	21.438	25.000	mg/kg	85.8		75 - 125		
Selenium	B050855-BS1	LCS	23.194	25.000	mg/kg	92.8		75 - 125		
Thallium	B050855-BS1	LCS	8.8798	10.000	mg/kg	88.8		75 - 125		
Vanadium	B050855-BS1	LCS	8.4065	10.000	mg/kg	84.1		75 - 125		

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B050855										
Zinc	B050855-BS1	LCS	23.107	25.000	mg/kg	92.4		75 - 125		
QC Batch ID: B050966										
Silver	B050966-BS1	LCS	9.7382	10.000	mg/kg	97.4		75 - 125		

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B050520	Used client sample: N										
Antimony	DUP	**1922023-03**	**0.47500**	**0.62125**		**mg/kg**	**26.7**		**20**		**J,A02**
	MS	**1922023-03**	**0.47500**	**11.718**	**20.000**	**mg/kg**		**56.2**		**16 - 119**	
	MSD	**1922023-03**	**0.47500**	**11.645**	**20.000**	**mg/kg**	**0.6**	**55.8**	**20**	**16 - 119**	
Arsenic	DUP	1922023-03	4.6975	3.9575		mg/kg	17.1		20		
	MS	1922023-03	4.6975	47.894	50.000	mg/kg		86.4		75 - 125	
	MSD	1922023-03	4.6975	49.015	50.000	mg/kg	2.3	88.6	20	75 - 125	
Barium	DUP	**1922023-03**	**272.93**	**270.69**		**mg/kg**	**0.8**		**20**		
	MS	**1922023-03**	**272.93**	**302.33**	**20.000**	**mg/kg**		**147**		**75 - 125**	**A03**
	MSD	**1922023-03**	**272.93**	**300.54**	**20.000**	**mg/kg**	**0.6**	**138**	**20**	**75 - 125**	**A03**
Beryllium	DUP	**1922023-03**	**0.35000**	**0.49125**		**mg/kg**	**33.6**		**20**		**J,A02**
	MS	**1922023-03**	**0.35000**	**16.266**	**20.000**	**mg/kg**		**79.6**		**75 - 125**	
	MSD	**1922023-03**	**0.35000**	**17.121**	**20.000**	**mg/kg**	**5.1**	**83.9**	**20**	**75 - 125**	
Cadmium	DUP	1922023-03	ND	ND		mg/kg			20		
	MS	1922023-03	ND	19.312	20.000	mg/kg		96.6		75 - 125	
	MSD	1922023-03	ND	20.214	20.000	mg/kg	4.6	101	20	75 - 125	
Chromium	DUP	1922023-03	94.342	93.871		mg/kg	0.5		20		
	MS	1922023-03	94.342	115.17	20.000	mg/kg		104		75 - 125	
	MSD	1922023-03	94.342	114.47	20.000	mg/kg	0.6	101	20	75 - 125	
Cobalt	DUP	**1922023-03**	**17.969**	**16.742**		**mg/kg**	**7.1**		**20**		
	MS	**1922023-03**	**17.969**	**42.345**	**20.000**	**mg/kg**		**122**		**75 - 125**	
	MSD	**1922023-03**	**17.969**	**34.475**	**20.000**	**mg/kg**	**20.5**	**82.5**	**20**	**75 - 125**	**Q02**
Copper	DUP	1922023-03	52.068	53.884		mg/kg	3.4		20		
	MS	1922023-03	52.068	105.85	50.000	mg/kg		108		75 - 125	
	MSD	1922023-03	52.068	110.11	50.000	mg/kg	3.9	116	20	75 - 125	
Lead	DUP	1922023-03	20.661	18.408		mg/kg	11.5		20		
	MS	1922023-03	20.661	71.685	50.000	mg/kg		102		75 - 125	
	MSD	1922023-03	20.661	68.140	50.000	mg/kg	5.1	95.0	20	75 - 125	
Mercury	DUP	**1922023-03**	**0.10000**	**0.12875**		**mg/kg**	**25.1**		**20**		**J**
	MS	**1922023-03**	**0.10000**	**4.3312**	**4.0000**	**mg/kg**		**106**		**75 - 125**	
	MSD	**1922023-03**	**0.10000**	**4.4850**	**4.0000**	**mg/kg**	**3.5**	**110**	**20**	**75 - 125**	
Molybdenum	DUP	1922023-03	1.0012	1.1150		mg/kg	10.8		20		J
	MS	1922023-03	1.0012	17.886	20.000	mg/kg		84.4		75 - 125	
	MSD	1922023-03	1.0012	18.231	20.000	mg/kg	1.9	86.2	20	75 - 125	
Nickel	DUP	1922023-03	40.411	39.955		mg/kg	1.1		20		
	MS	1922023-03	40.411	82.986	50.000	mg/kg		85.2		75 - 125	
	MSD	1922023-03	40.411	82.162	50.000	mg/kg	1.0	83.5	20	75 - 125	
Selenium	DUP	1922023-03	1.2725	1.2138		mg/kg	4.7		20		J
	MS	1922023-03	1.2725	45.445	50.000	mg/kg		88.3		75 - 125	
	MSD	1922023-03	1.2725	46.260	50.000	mg/kg	1.8	90.0	20	75 - 125	

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B050520	Used client sample: N										
Silver	DUP	1922023-03	ND	ND		mg/kg			20		
	MS	1922023-03	ND	20.000	20.000	mg/kg		100		75 - 125	
	MSD	1922023-03	ND	20.588	20.000	mg/kg	2.9	103	20	75 - 125	
Thallium	DUP	1922023-03	ND	ND		mg/kg			20		
	MS	1922023-03	ND	20.204	20.000	mg/kg		101		75 - 125	
	MSD	1922023-03	ND	20.346	20.000	mg/kg	0.7	102	20	75 - 125	
Vanadium	DUP	1922023-03	167.48	169.01		mg/kg	0.9		20		
	MS	1922023-03	167.48	190.18	20.000	mg/kg		114		75 - 125	
	MSD	1922023-03	167.48	192.48	20.000	mg/kg	1.2	125	20	75 - 125	
Zinc	DUP	**1922023-03**	**140.22**	**110.16**		**mg/kg**	**24.0**		**20**		**Q01**
	MS	**1922023-03**	**140.22**	**170.48**	**50.000**	**mg/kg**		**60.5**		**75 - 125**	**Q03**
	MSD	**1922023-03**	**140.22**	**180.98**	**50.000**	**mg/kg**	**6.0**	**81.5**	**20**	**75 - 125**	
QC Batch ID: B050855	Used client sample: Y - Description: BFI-053-110-070-A3, 07/03/2019 13:40										
Antimony	DUP	922026-03RE1	ND	ND		mg/kg			20		
	MS	922026-03RE1	ND	12.920	20.000	mg/kg		64.6		16 - 119	
	MSD	922026-03RE1	ND	13.129	20.000	mg/kg	1.6	65.6	20	16 - 119	
Arsenic	DUP	922026-03RE1	3.2288	3.5475		mg/kg	9.4		20		
	MS	922026-03RE1	3.2288	46.289	50.000	mg/kg		86.1		75 - 125	
	MSD	922026-03RE1	3.2288	46.138	50.000	mg/kg	0.3	85.8	20	75 - 125	
Barium	DUP	**I922026-03RE1**	**155.30**	**166.19**		**mg/kg**	**6.8**		**20**		
	MS	**I922026-03RE1**	**155.30**	**184.76**	**20.000**	**mg/kg**		**147**		**75 - 125**	**A03**
	MSD	**I922026-03RE1**	**155.30**	**182.35**	**20.000**	**mg/kg**	**1.3**	**135**	**20**	**75 - 125**	**A03**
Beryllium	DUP	**I922026-03RE1**	**ND**	**ND**		**mg/kg**			**20**		
	MS	**I922026-03RE1**	**ND**	**15.459**	**20.000**	**mg/kg**		**77.3**		**75 - 125**	
	MSD	**I922026-03RE1**	**ND**	**19.165**	**20.000**	**mg/kg**	**21.4**	**95.8**	**20**	**75 - 125**	**Q02**
Cadmium	DUP	922026-03RE1	ND	ND		mg/kg			20		
	MS	922026-03RE1	ND	21.234	20.000	mg/kg		106		75 - 125	
	MSD	922026-03RE1	ND	20.545	20.000	mg/kg	3.3	103	20	75 - 125	
Chromium	DUP	922026-03RE1	96.805	101.92		mg/kg	5.1		20		
	MS	922026-03RE1	96.805	117.81	20.000	mg/kg		105		75 - 125	
	MSD	922026-03RE1	96.805	118.19	20.000	mg/kg	0.3	107	20	75 - 125	
Cobalt	DUP	922026-03RE1	13.611	14.306		mg/kg	5.0		20		
	MS	922026-03RE1	13.611	30.858	20.000	mg/kg		86.2		75 - 125	
	MSD	922026-03RE1	13.611	31.401	20.000	mg/kg	1.7	89.0	20	75 - 125	
Copper	DUP	922026-03RE1	47.356	50.145		mg/kg	5.7		20		
	MS	922026-03RE1	47.356	104.30	50.000	mg/kg		114		75 - 125	
	MSD	922026-03RE1	47.356	105.06	50.000	mg/kg	0.7	115	20	75 - 125	

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B050855	Used client sample: Y - Description: BFI-053-110-070-A3, 07/03/2019 13:40										
Lead	DUP	922026-03RE1	19.316	20.614		mg/kg	6.5		20		
	MS	922026-03RE1	19.316	72.008	50.000	mg/kg		105		75 - 125	
	MSD	922026-03RE1	19.316	70.802	50.000	mg/kg	1.7	103	20	75 - 125	
Mercury	DUP	922026-03RE1	ND	0.11375		mg/kg			20		J
	MS	922026-03RE1	ND	4.1062	4.0000	mg/kg		103		75 - 125	
	MSD	922026-03RE1	ND	4.5450	4.0000	mg/kg	10.1	114	20	75 - 125	
Molybdenum	DUP	922026-03RE1	0.56250	0.73125		mg/kg	26.1		20		J,A02
	MS	922026-03RE1	0.56250	17.761	20.000	mg/kg		86.0		75 - 125	
	MSD	922026-03RE1	0.56250	18.842	20.000	mg/kg	5.9	91.4	20	75 - 125	
Nickel	DUP	922026-03RE1	36.220	39.836		mg/kg	9.5		20		
	MS	922026-03RE1	36.220	80.562	50.000	mg/kg		88.7		75 - 125	
	MSD	922026-03RE1	36.220	82.981	50.000	mg/kg	3.0	93.5	20	75 - 125	
Selenium	DUP	922026-03RE1	ND	0.71375		mg/kg			20		J
	MS	922026-03RE1	ND	43.788	50.000	mg/kg		87.6		75 - 125	
	MSD	922026-03RE1	ND	44.000	50.000	mg/kg	0.5	88.0	20	75 - 125	
Thallium	DUP	922026-03RE1	ND	ND		mg/kg			20		
	MS	922026-03RE1	ND	19.874	20.000	mg/kg		99.4		75 - 125	
	MSD	922026-03RE1	ND	19.905	20.000	mg/kg	0.2	99.5	20	75 - 125	
Vanadium	DUP	922026-03RE1	160.35	165.56		mg/kg	3.2		20		
	MS	922026-03RE1	160.35	188.78	20.000	mg/kg		142		75 - 125	A03
	MSD	922026-03RE1	160.35	190.90	20.000	mg/kg	1.1	153	20	75 - 125	A03
Zinc	DUP	922026-03RE1	73.186	82.972		mg/kg	12.5		20		
	MS	922026-03RE1	73.186	148.50	50.000	mg/kg		151		75 - 125	Q03
	MSD	922026-03RE1	73.186	134.34	50.000	mg/kg	10.0	122	20	75 - 125	
QC Batch ID: B050966	Used client sample: Y - Description: BFI-053-110-070-A3, 07/03/2019 13:40										
Silver	DUP	922026-03RE2	0.26125	0.26250		mg/kg	0.5		20		J
	MS	922026-03RE2	0.26125	19.891	20.000	mg/kg		98.2		75 - 125	
	MSD	922026-03RE2	0.26125	19.718	20.000	mg/kg	0.9	97.3	20	75 - 125	

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
A03	The sample concentration was more than 4 times the spike level.
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
Q01	Sample precision is not within the control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.

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DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Camp Fire Response	**Project No.**	103IS620603
Data Reviewer (signature and date)	Phillip Jarrett 11/14/19	**Laboratory/ Report No.**	BC Laboratories/1922026
Analyses	Metals by SW-846 Method 6020A		
Samples	BFI-053-110-070-A1, BFI-053-110-070-A2, BFI-053-110-070-A3, BFI-053-110-070-A4, BFI-053-110-070-A5, and BFI-053-110-070-B1		

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review* (January 2017) data validation guidance document, as well as the above referenced methods.

OVERALL EVALUATION:

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

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DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
N	B050520: zinc = 0.96475 mg/kg – no flag (associated results greater than ten times blank value) B050855 barium = 0.094500 mg/kg -- no flag (associated results greater than ten times blank value) beryllium = 0.049500 mg/kg – no flag (associated results non-detect) for BFI-053-110-070-A3, BFI-053-110-070-A4, BFI-053-110-070-A5, and BFI-053-110-070-B1; no flag (associated results greater than ten times blank value) for BFI-053-110-070-A1 and BFI-053-110-070-A2 lead = 0.17675 mg/kg -- no flag (associated results greater than ten times blank value) nickel = 0.15375 mg/kg -- no flag (associated results greater than ten times blank value)

MS/MSD:

Within Criteria	Exceedance/Notes
N	MS/MSDs performed on samples from other data packages were not evaluated. BFI-053-110-070-A3: %Rs out for barium and vanadium – no flag (parent result greater than four times spike concentration) High RPD for beryllium – no flag (sample result non-detect) High %R for zinc – flag "J+

Laboratory duplicates:

Within Criteria	Exceedance/Notes
N	Laboratory duplicates performed on samples in other data packages were not evaluated. BFI-053-110-070-A3: High RPD for molybdenum – flag "J"

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DATA VALIDATION CHECKLIST – STAGE 2A

Field triplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	4.587x: metals for BFI-053-110-070-A1 4.630x: metals for BFI-053-110-070-A2 4.630x: silver for BFI-053-110-070-A5 4.854x: metals except silver for BFI-053-110-070-B1 4.902x: metals except silver for BFI-053-110-070-A4 and BFI-053-110-070-A5 4.950x: silver for BFI-053-110-070-B1 5x: metals for BFI-053-110-070-A3 5x: silver for BFI-053-110-070-A4

Analyte quantitation and MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Results between the MDL and RL – flagged "J" by laboratory

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DATA VALIDATION CHECKLIST – STAGE 2A

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

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CAMP FIRE INCIDENT
BC LABORATORIES REPORT NO. 1922026

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-110-070-A1	Antimony	0.45	J,A07	0.4	2.5	mg/kg	0.45	J
BFI-053-110-070-A1	Arsenic	5.3	A07	0.85	2.5	mg/kg	5.3	
BFI-053-110-070-A1	Barium	170	A07	0.27	1.2	mg/kg	170	
BFI-053-110-070-A1	Beryllium	0.68	J,A07	0.2	1.2	mg/kg	0.68	J
BFI-053-110-070-A1	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A1	Chromium	97	A07	1.2	3.8	mg/kg	97	
BFI-053-110-070-A1	Cobalt	15	A07	0.24	1.2	mg/kg	15	
BFI-053-110-070-A1	Copper	58	A07	0.5	2.5	mg/kg	58	
BFI-053-110-070-A1	Lead	28	A07	0.6	1.2	mg/kg	28	
BFI-053-110-070-A1	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-110-070-A1	Molybdenum	0.89	J,A07	0.22	1.2	mg/kg	0.89	J
BFI-053-110-070-A1	Nickel	51	A07	0.55	2.5	mg/kg	51	
BFI-053-110-070-A1	Selenium	0.92	J,A07	0.55	2.5	mg/kg	0.92	J
BFI-053-110-070-A1	Silver	0.33	J,A07	0.26	1.2	mg/kg	0.33	J
BFI-053-110-070-A1	Thallium	0.24	J,A07	0.24	1.2	mg/kg	0.24	J
BFI-053-110-070-A1	Vanadium	160	A07	1.4	3.8	mg/kg	160	
BFI-053-110-070-A1	Zinc	130	A07	2.5	12	mg/kg	130	
BFI-053-110-070-A2	Antimony	0.48	J,A07	0.4	2.5	mg/kg	0.48	J
BFI-053-110-070-A2	Arsenic	3.9	A07	0.85	2.5	mg/kg	3.9	
BFI-053-110-070-A2	Barium	190	A07	0.27	1.2	mg/kg	190	
BFI-053-110-070-A2	Beryllium	0.7	J,A07	0.2	1.2	mg/kg	0.7	J
BFI-053-110-070-A2	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A2	Chromium	100	A07	1.2	3.8	mg/kg	100	
BFI-053-110-070-A2	Cobalt	16	A07	0.24	1.2	mg/kg	16	
BFI-053-110-070-A2	Copper	61	A07	0.5	2.5	mg/kg	61	
BFI-053-110-070-A2	Lead	25	A07	0.6	1.2	mg/kg	25	
BFI-053-110-070-A2	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-110-070-A2	Molybdenum	1	J,A07	0.22	1.2	mg/kg	1	J
BFI-053-110-070-A2	Nickel	53	A07	0.55	2.5	mg/kg	53	
BFI-053-110-070-A2	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-110-070-A2	Silver	0.26	J,A07	0.26	1.2	mg/kg	0.26	J
BFI-053-110-070-A2	Thallium	0.25	J,A07	0.24	1.2	mg/kg	0.25	J
BFI-053-110-070-A2	Vanadium	160	A07	1.4	3.8	mg/kg	160	
BFI-053-110-070-A2	Zinc	100	A07	2.5	12	mg/kg	100	
BFI-053-110-070-A3	Antimony	2.5	U	0.4	2.5	mg/kg	2.5	U
BFI-053-110-070-A3	Arsenic	3.2	A07	0.85	2.5	mg/kg	3.2	
BFI-053-110-070-A3	Barium	160	A07	0.27	1.2	mg/kg	160	
BFI-053-110-070-A3	Beryllium	1.2	U	0.2	1.2	mg/kg	1.2	U
BFI-053-110-070-A3	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A3	Chromium	97	A07	1.2	3.8	mg/kg	97	
BFI-053-110-070-A3	Cobalt	14	A07	0.24	1.2	mg/kg	14	
BFI-053-110-070-A3	Copper	47	A07	0.5	2.5	mg/kg	47	
BFI-053-110-070-A3	Lead	19	A07	0.6	1.2	mg/kg	19	
BFI-053-110-070-A3	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-110-070-A3	Molybdenum	0.56	J,A07	0.22	1.2	mg/kg	0.56	J

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-110-070-A3	Nickel	36	A07	0.55	2.5	mg/kg	36	
BFI-053-110-070-A3	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-110-070-A3	Silver	0.26	J,A07	0.26	1.2	mg/kg	0.26	J
BFI-053-110-070-A3	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-110-070-A3	Vanadium	160	A07	1.4	3.8	mg/kg	160	
BFI-053-110-070-A3	Zinc	73	A07	2.5	12	mg/kg	73	J+
BFI-053-110-070-A4	Antimony	0.41	J,A07	0.4	2.5	mg/kg	0.41	J
BFI-053-110-070-A4	Arsenic	2.8	A07	0.85	2.5	mg/kg	2.8	
BFI-053-110-070-A4	Barium	190	A07	0.27	1.2	mg/kg	190	
BFI-053-110-070-A4	Beryllium	1.2	U	0.2	1.2	mg/kg	1.2	U
BFI-053-110-070-A4	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A4	Chromium	94	A07	1.2	3.8	mg/kg	94	
BFI-053-110-070-A4	Cobalt	14	A07	0.24	1.2	mg/kg	14	
BFI-053-110-070-A4	Copper	49	A07	0.5	2.5	mg/kg	49	
BFI-053-110-070-A4	Lead	21	A07	0.6	1.2	mg/kg	21	
BFI-053-110-070-A4	Mercury	0.18	J,A07	0.1	0.25	mg/kg	0.18	J
BFI-053-110-070-A4	Molybdenum	0.62	J,A07	0.22	1.2	mg/kg	0.62	J
BFI-053-110-070-A4	Nickel	36	A07	0.55	2.5	mg/kg	36	
BFI-053-110-070-A4	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-110-070-A4	Silver	0.3	J,A07	0.26	1.2	mg/kg	0.3	J
BFI-053-110-070-A4	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-110-070-A4	Vanadium	160	A07	1.4	3.8	mg/kg	160	
BFI-053-110-070-A4	Zinc	66	A07	2.5	12	mg/kg	66	
BFI-053-110-070-A5	Antimony	2.5	U	0.4	2.5	mg/kg	2.5	U
BFI-053-110-070-A5	Arsenic	3.3	A07	0.85	2.5	mg/kg	3.3	
BFI-053-110-070-A5	Barium	140	A07	0.27	1.2	mg/kg	140	
BFI-053-110-070-A5	Beryllium	1.2	U	0.2	1.2	mg/kg	1.2	U
BFI-053-110-070-A5	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A5	Chromium	99	A07	1.2	3.8	mg/kg	99	
BFI-053-110-070-A5	Cobalt	13	A07	0.24	1.2	mg/kg	13	
BFI-053-110-070-A5	Copper	47	A07	0.5	2.5	mg/kg	47	
BFI-053-110-070-A5	Lead	16	A07	0.6	1.2	mg/kg	16	
BFI-053-110-070-A5	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-110-070-A5	Molybdenum	0.81	J,A07	0.22	1.2	mg/kg	0.81	J
BFI-053-110-070-A5	Nickel	35	A07	0.55	2.5	mg/kg	35	
BFI-053-110-070-A5	Selenium	1.2	J,A07	0.55	2.5	mg/kg	1.2	J
BFI-053-110-070-A5	Silver	0.29	J,A07	0.26	1.2	mg/kg	0.29	J
BFI-053-110-070-A5	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-110-070-A5	Vanadium	170	A07	1.4	3.8	mg/kg	170	
BFI-053-110-070-A5	Zinc	62	A07	2.5	12	mg/kg	62	
BFI-053-110-070-B1	Antimony	1.3	J,A07	0.4	2.5	mg/kg	1.3	J
BFI-053-110-070-B1	Arsenic	5.5	A07	0.85	2.5	mg/kg	5.5	
BFI-053-110-070-B1	Barium	210	A07	0.27	1.2	mg/kg	210	
BFI-053-110-070-B1	Beryllium	1.2	U	0.2	1.2	mg/kg	1.2	U
BFI-053-110-070-B1	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-110-070-B1	Chromium	100	A07	1.2	3.8	mg/kg	100	
BFI-053-110-070-B1	Cobalt	16	A07	0.24	1.2	mg/kg	16	
BFI-053-110-070-B1	Copper	70	A07	0.5	2.5	mg/kg	70	
BFI-053-110-070-B1	Lead	70	A07	0.6	1.2	mg/kg	70	
BFI-053-110-070-B1	Mercury	0.16	J,A07	0.1	0.25	mg/kg	0.16	J
BFI-053-110-070-B1	Molybdenum	1.4	A07	0.22	1.2	mg/kg	1.4	
BFI-053-110-070-B1	Nickel	45	A07	0.55	2.5	mg/kg	45	
BFI-053-110-070-B1	Selenium	0.58	J,A07	0.55	2.5	mg/kg	0.58	J
BFI-053-110-070-B1	Silver	0.27	J,A07	0.26	1.2	mg/kg	0.27	J
BFI-053-110-070-B1	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-110-070-B1	Vanadium	170	A07	1.4	3.8	mg/kg	170	
BFI-053-110-070-B1	Zinc	260	A07	2.5	12	mg/kg	260	

Camp Fire Incident

Property Report | Butte County, California

Confirmation Sampling – Unified Command Approval Form

CAMP INCIDENT STRUCTURAL DEBRIS REMOVAL

CONFIRMATION SAMPLING - UNIFIED COMMAND APPROVAL FORM

Cleanup Goals: See the Background Sampling and Cleanup Goals for the Camp Incident in Butte County, California. The cleanup goals are based on either the calculated soil background, U.S. Environmental Protection Agency (EPA) Risk-Based Screening Levels, California Hazardous Waste Total Threshold Limit Concentration Levels, California Department of Toxic Substances Control (DTSC) Modified Screening Levels, or the California Environmental Protection Agency (CalEPA) California Human Health Screening Levels.

APN	053-110-070
Address	1023 ELLIOTT RD
Background Set	TVP Area
Structures Sampled	A: 2,050 sf B: 100 sf
Samples Collected	A1, A2, A3, A4, A5, B1
Dates Collected	07/03/19
Analytical Laboratory	BC Laboratories

Conclusions: Approved. All cleanup goals achieved.

Date Approved: July 18, 2019

Observations: _____

REGISTERED PROFESSIONAL ENGINEER TODD THALHAMER No. C055197 6/30/20 CIVIL STATE OF CALIFORNIA

Todd Thalhamer
CalRecycle, Operations Section Chief

Diane Lamkin

Diane Lamkin, PG #6775
CalOES, Planning Section Chief

Camp Fire Incident

Property Report | Butte County, California

Erosion Control Worksheet

RYAN CARTWRIGHT
E273612

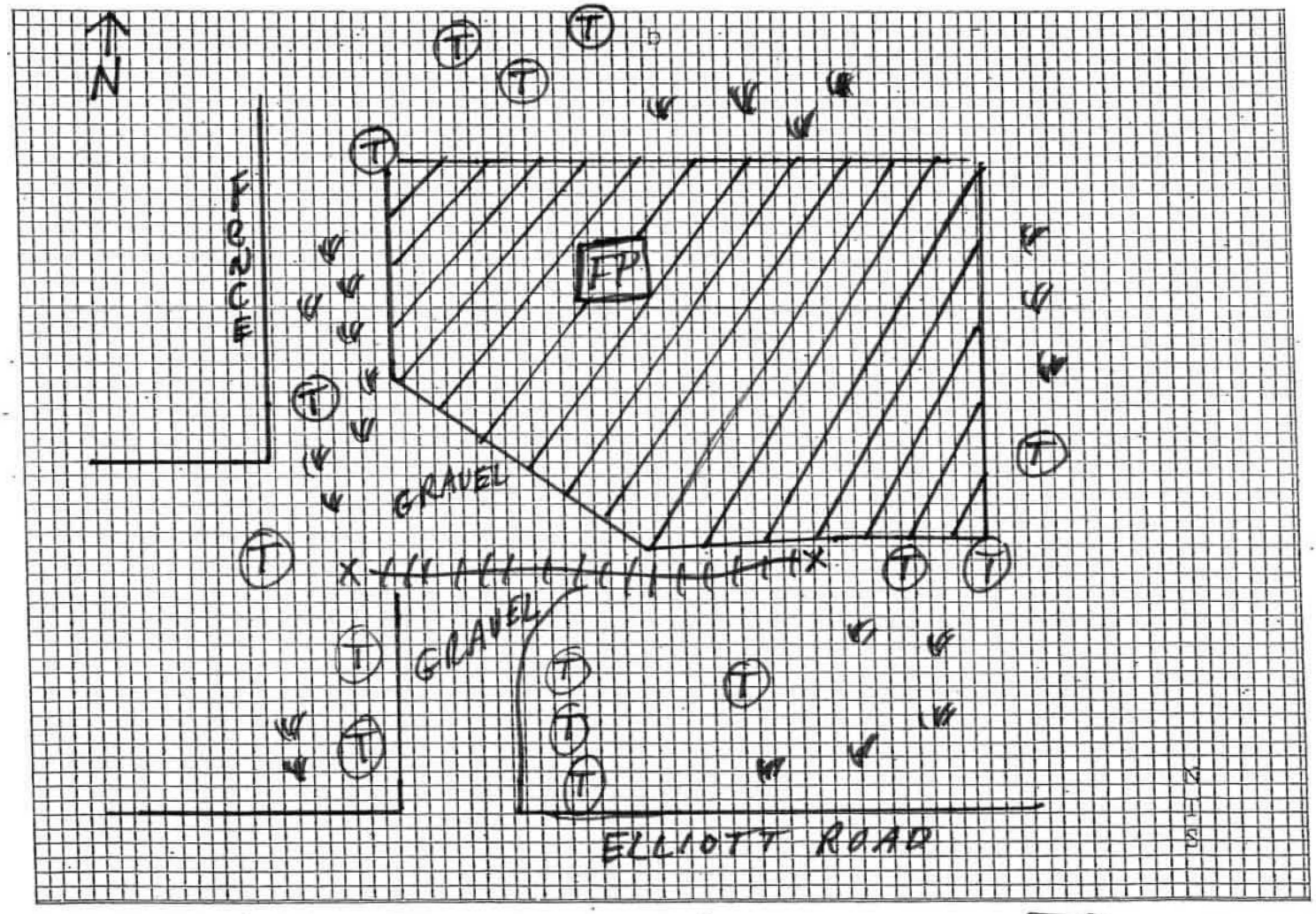
CAMP FIRE INCIDENT EROSION CONTROL WORKSHEET Date: 7-25-19

SITE ADDRESS: 1023 ELLIOTT ROAD / 053-110-070

Level of Erosion Control per Erosion Control Work Group: Level 2 (3, 4)

Observations: 60 LF - SILT SOXX

HYDROMUCCH SF- 4,975



ELLIOTT ROAD

CalRecycle, Operations Chief

FP - FOOT PRINT

X HHH X SILT SOXX

(T) - TREE

Camp Fire Incident

Property Report | Butte County, California

Debris Removal Final Signoff Form

CalRecycle

Cal OES
GOVERNOR'S OFFICE OF EMERGENCY SERVICES

DEBRIS REMOVAL FINAL SIGNOFF FORM

CAMP FIRE INCIDENT

DEBRIS REMOVAL FINAL SIGNOFF FORM

SITE ADDRESS: 1023 ELLIOTT RD PARADISE CA 95969 APN: 053-110-070

County [ ] Town of Paradise [X]

Debris Removal Complete	[X] Yes	[ ] No
Confirmation Sampling Approved	[X] Yes	[ ] No
Erosion Control Complete	[X] Yes	[ ] Waived
Erosion Control Level/BMP	1 [X] 2 3	(Please attach drawing for Level 3)
Debris Removal Project Approved	[X] Yes	[ ] No

FINAL APPROVAL DATE: 7/27/2019

Debris Removal Project Approved Observations:

1. Driveway appears to be intact.
2. Septic is visible, health and safety requirements have been applied.
3. Utilities have been identified.
4. The property appears to meet the standard of the DROP.
5. Lot appears free of debris. All cleanup goals achieved.

James Ginyard

Print Name

CalRecycle/CalOES Staff

County/City Representative

Camp Fire Incident

Property Report | Butte County, California

Post Debris Removal Photographs

Post Debris Removal Property Photos



Post Debris Removal Property Photos



Post Debris Removal Property Photos



Post Debris Removal Property Photos



Camp Fire Incident

Property Report | Butte County, California

Property Claim Damage Documentation Form

900 Fortress st
Chico CA
530. 399. 0434

~~3023~~
ECC

Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

CalRecycle

CAMP FIRE INCIDENT DEBRIS REMOVAL OPERATION
HOMEOWNER PROPERTY DAMAGE CLAIM

Property Owner Name: Jay Millsap & Gail So

Address: 5431 Ethel Way Oroville, CA 95820

Phone Number: 530-321-5634 **Email:** jazzmadeli@gmail

Point of Contact: _____ **Phone:** 530-321-5634

Property Owner Claim:

Damage to marked off septic tank!
1033 Elliott Rd Paradise CA 95969

Jay Millsap
Property Owner Signature

8/1/2019
Date

Division Supervisor Statement:

Property was cleaned on June 26 & 27. Property owner marked out his septic tank, but wasn't sure of the full dimensions. the top of the tank (Lid) was broken by the equipment during clean up. the lid is damaged to the *

Sean Wil Sean Wilson Branch 6 Tech Spec
Division Supervisor Signature

6.27.2019
Date

Resolution:

Approval:

CalRecycle Operations Chief **Date**

Cal OES Incident Commander **Date**

* Point that the Effluent is visible and the tank has to be hard fenced.

Ceres

3023

Cal OES
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Damage Assessment Form

Address: 1023 ELLIOTT ROAD APN: 053-110-070

Date: 8-7-2019 GPS: 39°45'36"N-121°36'36"W

Homeowner Name: JAY MELLSAP / GAIN SO

Homeowner contact information: (530) 321-5634

Assessors Name: DON CARDENAS Cal OES

Entry Instructions: N/A

☒ Septic damage claim ☐ Well damage claim ☐ General damage

Claim Notes:

HOMEOWNER MES MARKED SEPTIC TANK LOCATION.

DEBRIS CONTRACTOR BROKE SEPTIC LID.

RECOMMENDATION: OES REPLACE SEPTIC LID.

☐ Ineligible for repairs

☒ Recommend Corrective Action

Approval:

D. Cardenas — 8/7/2019

CalRecycle Operations Chief/Cal OES Special Advisor — Date

John Melendez — 8/8/19

Cal OES Incident Commander — Date

E SE S SW

0 120 150 180 210

162°S (M) 39°45'36"N, 121°36'36"W ±16.4ft ▲ 1808ft

Damage to septic lid

Your Watermark - See Settings

1023 Elliott Rd.

07 Aug 2019, 16:11:09

DAMAGE REPAIR COMPLETION FORM

Cal OES
GOVERNOR'S OFFICE OF EMERGENCY SERVICES

Paradise

Address: 1023 Elliot RD APN: 053-110-070

Date: 03/16/20 GPS: _____

Homeowner Name: Jay Millsap

Homeowner contact information: (530)321-5634

Assessors Name: James Ginyard

Entry Instructions: N/A

☒ Septic damage claim ☐ Well damage claim ☐ General damage

Claim Notes:

Issue: Septic tank was damaged during debris removal operation.

Solution: Contractor replaced septic tank. Tank has been inspected by town of Paradise. Good to go.

☒ Approved repairs complete
☐ Repair not complete

Approval:

CalRecycle Operations Chief/Cal OES Special Advisor — Date: 03/20/2020

Cal OES Incident Commander — Date: 3/24/2020





Ginyard, James@Caloes

From: Ginyard, James@Caloes
Sent: Monday, March 16, 2020 10:05 PM
To: 'Larson, Bob'
Subject: RE: Septic permits

Thank you Bob for your response

James Ginyard

From: Larson, Bob <blarson@townofparadise.com>
Sent: Monday, March 16, 2020 10:36 AM
To: Ginyard, James@Caloes <James.Ginyard@Caloes.ca.gov>
Cc: Cook, Debbie <dcook@townofparadise.com>
Subject: RE: Septic permits

Yes, They have all been inspected and finaled.

Bob Larson
Onsite Sanitary Official
Town of Paradise

From: Ginyard, James@Caloes <James.Ginyard@Caloes.ca.gov>
Sent: Monday, March 16, 2020 8:45 AM
To: Larson, Bob <blarson@townofparadise.com>
Subject: Septic permits

Good morning ,

As my coworker Anthony Toto said in the previous email, I will send you the addresses and APN of the completed septic tank repairs and we would appreciate if you could let us know if the town of Paradise has inspected these sites:

051-162-061	6251 Posey Lane
051-162-063	6221 Posey Lane
051-180-103	395 Castle Drive
052-390-047	439 Castle Drive
051-300-018	281 Rose Lane
051-310-020	5401 Hickory
052-032-024	578 Valley View Drive
051-230-050	4692 Skyway
052-182-046	5616 Jewell Road
052-182-048	5702 Jewell Road
052-201-018	6044 Foster Road

052-226-009	5642 Sierra Park Drive
053-110-070	1023 Elliot Rd



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

James Ginyard
Disaster Assistance Program Specialist
3650 Schriever Ave.
Mather, CA 95655
(916)-823-2883 (cell)

Appendix E Phase I Environmental Site Assessment

Appendix

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padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

EXPANSION PARCEL, 1023 ELLIOTT ROAD
PARADISE, BUTTE COUNTY, CALIFORNIA



PREPARED FOR:

PLACEWORKS ON BEHALF OF
PARADISE UNIFIED SCHOOL DISTRICT

JUNE 2025

padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

June 20, 2025
Project Number: 2401-2091

Alen Estrada-Rodas, Senior Associate I
PlaceWorks
700 South Flower Street, Suite 600
Los Angeles, California 90017

Subject: Phase I Environmental Site Assessment for an Expansion Parcel
1023 Elliott Road, Paradise, Butte County, California

Dear Mr. Estrada-Rodas,

Padre Associates, Inc., at the request of PlaceWorks and on behalf of Paradise Unified School District, has prepared this Phase I Environmental Site Assessment (ESA) report for an Expansion Parcel, located at 1023 Elliott Road in Paradise, Butte County, California.

The Phase I ESA was performed in general accordance with the American Society for testing and Materials (ASTM) Standard Practice Designation E 1527-21, and the requirements of the California Department of Toxic Substances Control (DTSC) for school site projects.

We appreciate the opportunity to provide environmental consulting services to PlaceWorks and Paradise Unified School District. If you have any questions or require additional information, please contact the undersigned at (916) 333-5920, Ext. 240.

Sincerely,

PADRE ASSOCIATES, INC.



Alan J. Klein, C.P.E.S.C., QSD/QSP
Associate Senior Environmental Scientist



Alan Churchill, P.G.
Senior Geologist

Cc: Tom Taylor, Superintendent, Paradise Unified School District
Malia Durand, Associate Principal, PlaceWorks

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APPENDIX D: ENVIRONMENTAL QUESTIONNAIRE

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APPENDIX F: EDR RADIUS MAP REPORT

APPENDIX G: QUALIFICATIONS OF ENVIRONMENTAL ASSESSOR

1.0 INTRODUCTION

Padre Associates, Inc. (Padre), on behalf of PlaceWorks and Paradise Unified School District, completed a Phase I Environmental Site Assessment (ESA) for the property located at 1023 Elliott Road, Butte County, California (Subject Property). The Subject Property is identified on **Plate 1 - Site Location** and **Plate 2 – Site Map.**

The Subject Property consists of 1.77-acres and will be utilized as an expansion parcel for Paradise High School. This Phase I ESA report was prepared for use by Paradise Unified School District as the owner of the Subject Property and as the User of the Phase I ESA.

This Phase I ESA was completed in accordance with the guidelines outlined in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments promulgated in 2013 (ASTM E1527-13) with the inclusion of general modifications and revisions outlined in the recently revised and updated ASTM Standard Practice dated November 1, 2021 (ASTM E1527-21), and the U.S. Environmental Protection Agency's All Appropriate Inquiry (AAI). The objective of the ESA was to evaluate whether current or previous land use at or adjacent to the Subject Property may have involved, or resulted in the use, storage, disposal, treatment, and/or release of hazardous substances to the environment, resulting in the determination of a Recognized Environmental Condition (REC) at the Subject Property. A REC is defined by the updated ASTM E1527-21 as *(1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; and (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment.* The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de-minimis* conditions that generally do not present a material risk of harm to public 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. Additional key definitions from the updated ASTM E1527-21 standard include the following:

- Activity Use Limitation (AUL) - legal or physical restrictions or limitations on the use of, or access to, a site or facility: (a) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and / or surface water on the property, or (b) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.
- *Controlled Recognized Environmental Condition (CREC)* - recognized environmental condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (i.e., activity and use limitations or other property use limitations).

- *Environment* - includes navigable waters, the waters of the contiguous zone, and the ocean waters; and any other surface water, groundwater, drinking water supply, land surface, or subsurface strata. It should be noted that this ESA did not include a survey of asbestos-containing materials (ACM) or lead-based paint (LBP), nor did it include sampling and chemical analysis of any environmental media at the Subject Property.
- *Historical Recognized Environmental Condition (HREC)* - a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls (for example, activity and use limitations, or other property use limitations). It should be noted that an HREC is not a Recognized Environmental Condition.
- *Migrate / Migration* - refers to the movement of hazardous substances or petroleum products in any form, including solid and liquid at the surface and subsurface, and vapor in the subsurface.
- *Property Use Limitation (PUL)* - limitation or restriction on current or future use of a property in connection with a response to a release, in accordance with the applicable regulatory authority or authorities that allow hazardous substances or petroleum products to remain in place at concentrations exceeding unrestricted use criteria.

To achieve the objective of the ESA, the following tasks were completed:

- A review of readily available geologic and hydrogeologic literature;
- Historical research including a review of available historical aerial photographs, Sanborn Fire Insurance Maps, historical city directories, and historical topographic maps relating to the Subject Property;
- A site reconnaissance of the Subject Property and adjacent properties;
- Interviews with knowledgeable persons of the Subject Property;
- Public agency records review;
- An environmental database search; and
- The preparation of this report presenting the results of the ESA.

Seven appendices are included with this report. Appendix A presents the assessor's parcel map and Flood Insurance Rate Map; Appendix B presents historical aerial photographs and topographic maps; Appendix C presents photographs of the Subject Property at the time of the assessment; Appendix D presents a copy of the Subject Property environmental questionnaire; Appendix E presents a copy of the Butte County Camp Fire Incident Report for the Subject Property; Appendix F presents the environmental database report obtained from EDR for the Subject Property; Appendix G presents the presents the qualifications of the environmental assessor responsible for report preparation.

2.0 ENVIRONMENTAL SETTING

The following discussion summarizes the geologic, hydrogeologic, and other relevant data pertaining to the physical setting of the Subject Property.

2.1 SITE LOCATION AND DESCRIPTION

The Subject Property is located in Section 14, Township 22 North, Range 3 East of the U.S. Geological Survey (USGS) 7½ Minute topographic series, Paradise East Quadrangle Map (2022). Approximate latitude and longitude are identified to be:

- Latitude (North): 39.7599590, (39° 45' 35.85''N)
- Longitude (West): -121.6101380, (121° 36' 36.49'' W)

The Subject Property consists of a parcel of land identified by Butte County as assessor's parcel number (APN): 053-110-070 (1.77 acres). A copy of the assessor's parcel map is presented in **Appendix A**.

2.2 TOPOGRAPHY

Based on a review of the USGS 7.5-minute topographic quadrangle – Paradise East, California (2022), the Subject Property ranges in elevation from approximately 1,806- to 1,836-feet above mean sea level (amsl). The Subject Property slopes from the northwest to south-southeast. Stormwater runoff is directed to a drainage ditch located along Elliot Road. A tributary to Little Dry Creek runs by the southeast corner of the Subject Property in a northeast to southwest direction.

2.3 GEOLOGY AND HYDROLOGY

The Subject Property is located in the southern portion of the Cascade Range Geomorphic Province, near the northwest boundary of the Sierra Nevada Geomorphic Province. This geomorphic province is a chain of volcanic cones that extends through Washington, Oregon and into California. The Cascade Range Geomorphic Province is dominated by Mount Shasta, a glacier-mantled volcanic cone that rises over 14,000 feet above sea level. The southern terminus of the province is Lassen Peak, which last erupted in the early 1900s (California Geological Survey 2002).

The Subject Property is underlain by Pliocene-age basaltic volcanic rocks, which overlie Tuscan Formation Lahars, which overlie Cretaceous-age sandstones of the Chico Formation (USGS Geologic Map of the Chico Quadrangle, 1992).

According to the United States Department of Agriculture (USDA) Soil Conservation Service, Soil Survey of Butte County, California (2006), the soils at the Subject Property are comprised of Paradiso Loam, 2 to 15 percent slopes, which forms on the top of volcanic ridges and consists of loam and clay loam soil with surface area covered with cobbles, stones or boulders.

According to a geotechnical investigation that was completed for Paradise High School in 2020, the depth to groundwater was encountered at approximate depths of 30- to 40-feet below ground surface (bgs). Paradise High School is located approximately 600-feet northwest of the Subject Property (PlaceWorks, December 2020).

2.4 FLOODPLAIN

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (*Community Panel Number: 06007C0400E, Effective Date: 1/6/2011,* the Subject Property is located in Zone X (Area of Minimal Flood Hazard). A copy of the FEMA Flood Insurance Rate Map is presented in **Appendix A**.

2.5 RADON

Radon is a colorless, odorless, tasteless, and radioactive gas that is produced as a natural decay product of uranium. Because of its radioactivity, studies have shown that at elevated concentrations there is a link between radon and lung cancer. Persons living in a building with elevated radon concentrations may have an increased risk of contracting lung cancer over a period of years.

The U.S. Environmental Protection Agency (U.S. EPA) recommends that action be taken to reduce radon levels in homes if levels are 4.0 pico curies per Liter (pCi/L) or higher. Radon levels below 4.0 pCi/L still pose a certain level of risk. Sections 307 and 309 of the Indoor Radon Abatement Act of 1988 (IRAA) directed the U.S. EPA to list and identify areas of the United States with the potential for elevated indoor radon levels. The U.S. EPA's Map of Radon Zones assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential:

- Zone 1 (red) counties have a predicted average indoor radon screening level greater than 4 pCi/L (highest potential);
- Zone 2 (orange) counties have a predicted average indoor radon screening level between 2 and 4 pCi/L (moderate potential);
- Zone 3 (yellow) counties have a predicted average indoor radon screening level less than 2 pCi/L (lowest potential).

According to the U.S. EPA map of California radon zones, Butte County is identified as a Zone 3 (yellow) county. Zone 3 counties have a predicted average indoor radon screening level less than 2 pCi/L. According to the California database of indoor radon levels sorted by Zip Code, 36 site tests were conducted for Zip Code 95969 with 2 of those sites identified above 4 pCi/L, representing 5.6% of the tests. The potential for radon hazard at the Subject Property is considered low and is dependent on site-design and building construction specifications.

2.6 OIL AND GAS WELLS

The California Geologic Energy Management Division (CalGEM) oversees the drilling, operation, maintenance, and plugging and abandonment of oil wells, natural gas wells, and

geothermal wells. The CalGEM regulatory program emphasizes the wise development of oil, natural gas, and geothermal resources in the state of California through sound engineering practices that protect the environment, prevent pollution, and ensure public safety. Padre reviewed the available CalGEM online mapping system for the Subject Property at the California Department of Conservation webpage (https://www.conservation.ca.gov/calgem/). According to a review of the CalGEM online database and interactive map, there are no reported oil wells, natural gas wells, and/or geothermal wells located within a one-mile radius of the Subject Property.

2.7 NATURALLY OCCURRING ASBESTOS (NOA)

Asbestos is a naturally occurring silicate mineral of the amphibole group that has Asbestos is a naturally occurring silicate mineral of the amphibole group that has historically been utilized for a variety of purposes including fireproofing, due to its fibrous nature, which allowed it to be woven into cloth and formed into various types of construction material. Asbestos is a known carcinogen.

According to the California Department of Conservation, Division of Mines and Geology, Open-File Report 2000-19, dated August 2000, natural occurrences of asbestos are more likely to be encountered in, and immediately adjacent to, areas of ultramafic outcrops (igneous and metamorphic rocks with high iron and magnesium contents).

According to the Department of Conservation California Geologic Survey Geologic Map of the Chico Quadrangle, California (1992), the nearest mapped outcrop of ultramafic rock is located approximately 4-miles northeast of the Subject Property. The town of Paradise is situated on a ridge, which is topographically higher than the drainage areas for Butte Creek, Big Chico Creek and the West Branch of the Feather River, which crosscut the ultramafic unit.

2.8 EARTHQUAKE FAULT ZONES

In 1972 the State of California passed the Alquist-Priolo Earthquake Fault Zoning Act (AP Act) to mitigate the hazard of surface faulting to structures utilized for human occupancy. The AP Act's primary purpose is to prevent the construction of buildings used for human occupancy on the surface trace of active faults. The AP Act defines three categories of fault activity; active (demonstrated movement within the last 11,000 years), potentially active (movement within the past 11,000 to 2,000,000 years), and inactive (no movement within the past 2,000,000 years).

Since 1972 the California Geological Survey (CGS) has issued a series of 1"=2,000' scale maps delineating Earthquake Fault Zones (EFZs). Structures proposed within mapped EFZs require geologic investigations to demonstrate that the structures will not be constructed across active faults. If an active fault is identified within the boundaries of the Subject Property, the proposed structures must be set back from the EFZ, generally a distance of 50 feet on either side of the identified fault location. The CGS mapping program is ongoing, and areas not currently identified as being within an EFZ may be included at some later time.

According to the EFZ maps issued by the CGS, the Subject Property is not located within the boundaries of an EFZ, and no active faults are known to cross the Subject Property (Jennings 2010).

3.0 HISTORICAL SITE CONDITIONS

Based on a review of readily available historical information, Padre has compiled the following history of the Subject Property. The earliest documentation reviewed for site usage was a aerial photograph dated 1952 and a topographic map dated 1891. Copies of historical aerial photographs and topographic maps are presented in **Appendix B**.

3.1 HISTORICAL AERIAL PHOTOGRAPHS

Padre reviewed readily available aerial photographs of the Subject Property and the surrounding area obtained from EDR for the years 1952, 1969, 1975, 1984, 1993, 1998, 2006, 2012, 2016, and 2020. The information is summarized below.

1952 The 1952 photograph shows the Subject Property with a residential building in the northern half of the property. A driveway runs north-south in the western half of the property. Trees are prevalent in the northern half of the property. Surrounding properties consist of rural residential properties and further out to the west and south are orchards.

1969 The 1969 photograph shows the Subject Property and surrounding properties similar to the 1952 photograph. Paradise High School is present to the northwest.

1975 The 1975 photograph shows the Subject Property and surrounding properties similar to the 1969 photograph.

1984 The 1984 photograph shows the Subject Property and surrounding properties similar to the 1975 photograph.

1993 The 1993 photograph shows the Subject Property and surrounding properties similar to the 1975 photograph. There is an increase in residential development to the south.

1998 The 1998 photograph shows the Subject Property and surrounding properties similar to the 1993 photograph. There is an increase in residential development to the east, south and west.

2006 The 2006 photograph shows the Subject Property and surrounding properties similar to the 1998 photograph.

2012 The 2012 photograph shows the Subject Property and surrounding properties similar to the 2006 photograph.

2016 The 2016 photograph shows the Subject Property and surrounding properties similar to the 2012 photograph.

2020 The 2020 photograph shows the Subject Property absent the residential building. There is a significant reduction in tree coverage at the Subject Property and surrounding properties. Residential buildings on adjacent properties also appear absent.

3.2 UNITED STATES GEOLOGICAL SURVEY TOPOGRAPHIC MAPS

Padre obtained historical topographic maps published by the USGS for the vicinity of the Subject Property. Historical topographic maps dated 1891, 1953, 1980, 1994, 2012, 2015, 2018, and 2022 were reviewed. A summary of the information presented on each map is presented below.

1891 The 1891 map shows the Subject Property as undeveloped. The town of Paradise is present to the east and a road is present west and north of the Subject Property.

1953 The 1953 map shows the Subject Property occupied with one residential building. Adjacent properties to the east and west, each contain one residential building. Elliot Road is present to the south, beyond which are orchards. An unnamed intermittent stream is present near the southwest corner of the Subject Property and runs in a northeast – southwest direction.

1980 The 1980 map shows the Subject Property and surrounding areas as developed. Individual residential buildings are not depicted. Orchards are still present in the south.

1994 The 1994 map shows the Subject Property and surrounding area similar to the 1980 map. The developed area is presented in grey vs previously red.

2012 The 2012 map only shows roads and geographical features. The roads and geographic features appear similar to the 1994 map.

2015 The 2015 map shows the Subject Property and surrounding area similar to the 2012 map.

2018 The 2018 map shows the Subject Property and surrounding area similar to the 2015 map.

2022 The 2022/2021 map shows the Subject Property and surrounding area similar to the 2018 map.

3.3 HISTORICAL SANBORN FIRE INSURANCE MAPS

The complete Sanborn Library collection was searched by EDR for the Subject Property. According to EDR, there are no fire insurance maps covering the Subject Property.

3.4 CITY DIRECTORIES

Padre obtained an abstract of historical city directories provided by EDR for the address 1023 Elliot Road, Paradise, CA. The years listed included 1971, 1975, 1981, 1986, 1992, 1995, 2000, 2005, 2010, 2014, 2017, and 2020.

The Subject Property is first listed in 1986 as "Roberts Edward E", with the same listing in 1992, 1995, and 2000. The Subject Property address is not listed in 2005. In 2010 the Subject Property is listed as "Occupant Unknown". In 2014 and 2017 the listing is identified as "Millsap, Jay A". In 2020 the listing is identified as "Gala Millsap and Jay Millsap". A review of available city directories did not identify any RECs for the Subject Property.

3.5 ENVIRONMENTAL LIENS

The current legal owner of APN: 053-110-070 is Paradise Unified School District. The title was received from Jay A. Millsap and Gaia So, who acquired title as Gala So, husband and wife on October 20, 2023. Padre reviewed the EDR Environmental Lien and activity use limitations (AULs) search report of available current land title records for environmental cleanup liens and other AULs such as engineering controls and institutional controls. No environmental liens or AULs were identified for the Subject Property.

3.6 EXISTING ENVIRONMENTAL REPORTS

Padre reviewed a copy of the report titled: *Camp Fire Incident, Property Report, Butte County, California, 053-110-070,1023 Elliott Rd, 39.759959, -121.610138. Site Completion Date: 7/27/2019*.

The Camp Fire Incident Property Report for the Subject Property documents the debris removal program and associated environmental sampling and disposal activities. A copy of the report is presented in **Appendix E**.

Site assessment activities were completed by environmental consultants working with the State Incident Management Team (IMT). At the Subject Property ACM was identified and required abatement. Confirmation soil sampling indicated that additional soil was required to be removed to meet the predetermined cleanup goals. Debris removal contractors conducted the removal of all building materials impacted by the fire. All debris material and soil were disposed of at State and County approved landfills or recycling facilities. The septic tank was damaged during debris removal and was replaced with a new septic tank.

Upon completion of debris removal activities, confirmation soil samples were collected from the excavation areas and analyzed by a State certified analytical laboratory for the presence of asbestos and metals. The Subject Property soil sampling results were compared to

cleanup goals developed specifically for the Camp Fire Incident. The cleanup goals were based on health-based screening levels established by the U.S. Environmental Protection Agency (EPA) and the California Department of Toxic Substances Control (DTSC) for residential land-use, and ambient naturally-occurring background concentrations for metals in soil.

The State IMT completed a final on-site review of the Subject Property and concluded that all site assessment activities; debris and soil removal; and confirmation soil sampling was complete. Therefore, the State IMT recommended to Butte County that the debris removal program objectives had been met. Butte County submitted a "Debris Removal Final Signoff Form" for the Camp Fire Incident on July 27, 2019.

4.0 CURRENT SITE CONDITIONS

The current site conditions were assessed to determine current activities and hazardous substances handling and storage at the Subject Property.

4.1 SITE RECONNAISSANCE

On March 18, 2025, Mr. Alan Klein with Padre conducted a site reconnaissance of the Subject Property. The site reconnaissance consisted of walking the property and photographing site features. At the time of the inspection the weather conditions were sunny, cool and windy.

The Subject Property is vegetated with trees, shrubs, and grasses and contains an unpaved driveway. A slight depression exists at the location of the former residence building that was destroyed during the 2018 Camp Fire. The foundation of the building and associated construction debris has been removed. The plastic green lids of the septic tank were observed adjacent and south of the former residence building location. A new residential home and landscaped yard is present adjacent and west of the Subject Property. There was no evidence of fire debris or ash observed during the site reconnaissance. Site photographs are presented in **Appendix C**.

4.2 UTILITIES

Pacific Gas & Electric (PG&E) provides electricity and natural gas to the Subject Property. The Paradise Irrigation District (PID) provides potable water to the Subject Property, and an onsite septic system provided for the treatment of wastewater.

4.3 ASBESTOS-CONTAINING MATERIALS

Padre did not conduct a comprehensive Asbestos-Containing Materials (ACM) survey as part of this Phase I ESA. Properties with residential and/or commercial structures constructed before 1976 may potentially contain ACM. The mitigation and management of ACM is currently regulated by several federal, state, and local agencies.

According to the Butte County Environmental Health Division (EHD), an asbestos survey was completed on February 1, 2019. ACM requiring abatement were identified and asbestos

abatement activities were completed on March 4, 2019. A copy of the Butte County Camp Fire Incident Report is presented in Appendix E. The potential for ACM in soil at the Project Site is not considered a REC.

4.4 LEAD-BASED PAINT

Padre did not conduct a comprehensive Lead-Based Paint (LBP) survey as part of this Phase I ESA. Properties with residential and/or commercial structures constructed before 1978 may potentially contain LBP. The mitigation and management of LBP is currently regulated by federal, state, and local agencies.

According to the Butte County EHD a fire debris removal program was completed for the Subject Property. Confirmation soil samples were analyzed for the presence of lead. The presence of lead in soil at the Subject Property was not identified at or above DTSC risk screening levels. A copy of the Butte County Camp Fire Incident Report is presented in Appendix E. The potential for LBP in soil at the Project Site is not considered a REC.

4.5 POLYCHLORINATED BIPHENYLS

The federal Toxic Substances Control Act (TSCA) generally prohibited the domestic manufacturing of polychlorinated biphenyls (PCBs) after 1979; however, hydraulic fluids or dielectric insulating fluids typically found in electrical transformers, hydraulic equipment, capacitors, and similar equipment may contain PCBs if such materials have been present prior to the late 1970s. EPA regulations require that encapsulated surfaces be marked with the yellow "Caution Contains PCBs" sticker typically used for labeling PCB Transformers (less than 500 ppm).

During the site reconnaissance, Padre did not observe any pad-mounted or pole-mounted electrical transformers located at the Subject Property. The potential for PCBs in soil at the Project Site from electrical transformers is not considered a REC.

4.6 TERMITICIDES

Organochlorine pesticides (OCPs) were commonly used as insecticides for termite control around structures and typically applied surficially to soil surrounding foundations and injected into the soil in an effort to isolate wood structures from termite nests. Chlordane was used in the United States from 1948 until 1988, when it was banned by the United States Environmental Protection Agency (U.S. EPA). Because of evidence of human exposure and accumulation in body fat, as well as persistence in the environment and effects on wildlife, the U.S. EPA prohibited the use of chlordane in 1988.

The Subject Property residential building was destroyed during the 2018 Camp Fire. The State IMT completed a final on-site review of the Subject Property and concluded that all site assessment activities; debris and soil removal; and confirmation soil sampling was complete. Therefore, the State IMT recommended to Butte County that the debris removal program objectives had been met. Butte County submitted a “Debris Removal Final Signoff Form” for the

Camp Fire Incident on July 27, 2019. Confirmation soil samples were not analyzed for the presence of OCPs. Therefore, the potential for residual pesticides in soil from direct application of termiticides at the Subject Property is considered a REC.

4.7 ENVIRONMENTAL QUESTIONNAIRE

A property owner environmental questionnaire was completed for the Subject Property by Mr. Jake Timm with Paradise Unified School District. According to Mr. Timm, the District purchased the property in October 2023. The property was occupied by a residential home, which was destroyed in the 2018 Camp Fire. The property is connected to city water and has an individual septic system. There are no existing or former underground fuel tanks on the property, and no fill material has been imported to the property. A copy of the completed environmental questionnaire is presented in **Appendix D**.

4.8 SURROUNDING PROPERTIES

The Subject Property is bordered to the north, east and west by residential property. Paradise High School is located approximately 600-feet northwest of the Subject Property. The Subject Property is bordered to the south by Elliott Road, beyond which is residential property. A tributary to Little Dry Creek runs by the southeast corner of the Subject Property in a northeast to southwest direction.

5.0 ENVIRONMENTAL RECORDS REVIEW

Padre contacted the regulatory agencies in the region to determine if soil and groundwater contamination is known or suspected at or near the Subject Property. Regulatory agency databases were obtained from EDR for the Subject Property and properties within one mile.

5.1 PUBLIC RECORDS REVIEW AND AGENCY CONTACTS

Padre contacted the following local agencies for information concerning environmental complaints, accidents, or spills on or in the vicinity of the Subject Property and for safety concerns related to school sites in California.

5.1.1 Butte County Environmental Health Division

Padre reviewed a copy of the report titled: *Camp Fire Incident, Property Report, Butte County, California, 053-110-070,1023 Elliott Rd, 39.759959, -121.610138, Site Completion Date: 7/27/2019*. This report was previously discussed in Section 3.6 Existing Environmental Reports.

5.1.2 State Water Resources Control Board

The State Water Resources Control Board (SWRCB) maintains public information pertaining to Cleanup Program Sites (CPS) and Leaking Underground Storage Tank (LUST)

sites through their online database identified as GeoTracker. The Subject Property is not identified in the GeoTracker database. In addition, no properties within a ½-mile radius are identified in the GeoTracker database that present a REC to the Subject Property.

5.1.3 California Department of Toxic Substances Control

The California Department of Toxic Substances Control (DTSC) maintains the Envirostor database for known or suspected hazardous waste sites in California. The Subject Property is not identified in the Envirostor database. In addition, no properties within a 1-mile radius are identified in the Envirostor database that present a REC to the Subject Property.

5.2 ENVIRONMENTAL DATABASE INFORMATION

Padre obtained environmental agency database information from EDR. The EDR report is included as **Appendix F**. The databases were reviewed to identify registrations and documented environmental incidents regarding the site and nearby properties within a one-mile radius of the Subject Property. Padre also attempted to locate unplottable sites that EDR did not locate because of incomplete or incorrect address information. The following sections summarize our findings.

5.2.1 National Priorities List - Federal Superfund

The National Priorities List is a U.S. Environmental Protection Agency (U.S. EPA) listing of private, state, and federally owned sites which have been included on the federal Superfund list for remediation.

- Neither the Subject Property nor properties located within a 1-mile radius of the Subject Property are identified on the National Priorities List.

5.2.2 U.S. Superfund Enterprise Management System (SEMS)

The U.S. EPA's SEMS Listings (formerly known as CERCLIS) are a compilation of sites that have been brought to the attention of the U.S. EPA, through various means, as being possible sites of hazardous waste activity. The SEMS listings are an information database and not necessarily an action list.

- Neither the Subject Property nor properties located within a ½-mile radius of the Subject Property are identified on the SEMS List.

5.2.3 RCRA-TSDF Listing

The U.S. EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA-Transportation, Storage, and Disposal Facilities (TSDF) database is a compilation by the U.S. EPA of reporting facilities that transport, treat, store, or dispose of hazardous waste.

- Neither the Subject Property nor properties located within a ½-mile radius of the Subject Property are identified on the RCRA-TSDF List.

5.2.4 RCRA - LQG's List

The U.S. EPA's RCRA Program identifies and tracks large quantity generators (LQG's). LQG's generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg acutely hazardous waste per month.

- Neither the Subject Property nor properties located within a ¼-mile radius of the Subject Property are identified on the RCRA-LQG's List.

5.2.5 RCRA - SQG's List

The U.S. EPA's RCRA Program identifies and tracks small quantity generators (SQG's). SQG's generate between 100 kg and 1,000 kg of hazardous waste per month.

- The Subject Property is not identified on the RCRA-SQG's List.

Three properties located within a ¼-mile radius of the Subject Property are identified on the RCRA-SQG's List. Two of the facilities are located within a 1/8-mile of the Subject Property.

Paradise High School, 5911 Maxwell Road is located approximately 600-feet northwest of the Subject Property. This facility is listed as a small quantity generator. No violations were found.

BP 07036, 5987 Clark Rd is located approximately 800-feet east southeast of the Subject Property. This is a gasoline station with a convenience store. No violations were reported. None of the RCRA-SQG's listed sites identified present a REC to the Subject Property.

5.2.6 Emergency Response Notification System List

The Emergency Response Notification System (ERNS) contains records on releases of oil and hazardous substances reported to the U.S. EPA and National Response Center of the U.S. Coast Guard.

- The Subject Property is not identified on the ERNS List.

5.2.7 RCRA-CORRACTS Facilities Listing

The U.S. EPA's Resource Conservation and Recovery Act (RCRA) Corrective Action Sites Listing contains information pertaining to hazardous waste treatment, storage, and disposal facilities (RCRA TSD) which have conducted, or are currently conducting, a corrective action(s) as regulated under RCRA.

- Neither the Subject Property nor properties located within a 1-mile radius of the Subject Property are identified on the RCRA-CORRACTS List.

5.2.8 CA SWF/LF Listings

State and Tribal; landfill and/or solid waste disposal site listings. The Solid Waste Facility/Landfill facility (SWF/LF), solid waste information system (SWIS) maintains records of active, closed and inactive landfills.

- Neither the Subject Property nor properties located within a ½-mile radius of the Subject Property are identified on the CA SWF/LF List.

5.2.9 UST Listings

USTs are regulated under Subtitle I of RCRA and must be registered with the state department responsible for administering the UST program. In California, the State Water Resources Control Board has compiled a listing of UST sites. Active UST facilities lists are gathered from local regulatory agencies.

- The Subject Property is not identified on the UST List.
- Two properties located within a ¼-mile radius of the Subject Property are identified on the UST List.

ARCO 07036, 5987 Clark Rd is located approximately 800-feet east southeast of the Subject Property. Four USTs are listed as being in use for motor vehicle fueling. One 10,000-gallon UST; one 10,000-gallon premium unleaded; and two 10,000-gallon regular unleaded USTs are listed. No violations were reported.

Arco Facility #5819, 5987 Clark Rd, is the same facility as listed above, and does not present a REC to the Subject Property.

5.2.10 Historical UST

The Hazardous Substance Storage Container Database is a historical listing of UST sites, and is maintained by the California State Water Resources Control Board.

- Neither the Subject Property nor properties located within a ¼-mile radius of the Subject Property are identified on the Historical UST List.

5.2.11 CA FID UST

The California Facility Inventory Database (CA FID) UST contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board.

- The Subject Property is not identified on the CA FID UST List.
- One property located within a ¼-mile radius of the Subject Property is identified on the CA FID UST List.

Paradise Arco Station, 5987 Clark Road, is located approximately 800-feet east southeast of the Subject Property. This facility is also a LUST site and is discussed in Section 5.2.12.

5.2.12 Leaking Underground Storage Tank List

The California Regional Water Quality Control Board is the agency with jurisdiction over leaking underground storage tanks (LUSTs) in the region of the site.

- The Subject Property is not identified on the LUST list.
- Four properties located within a ½-mile radius of the Subject Property are identified on the LUST list.

Paradise Arco Station, 5987 Clark Road, is located approximately 800-feet east southeast of the Subject Property. A leak was reported in June 1992. The RWQCB provided a Closure/No Further Action Letter in July 1993. A second release case for this site was opened in November 1998 and closed by the RWQCB in December 1998. This site does not present a REC to the Subject Property. None of the other listed LUST sites identified present a REC to the Subject Property.

5.2.13 AST List

The Aboveground Storage Tank (AST) lists facilities with registered aboveground petroleum storage tanks, compiled by the State Water Resources Control Board (SWRCB).

- The Subject Property is not identified on the AST list.
- One property located within a ¼-mile radius of the Subject Property is identified on the AST list.

Jiffy Lube #3359, 6081 Clark Rd is located approximately 1200-feet east northeast of the Subject Property. This facility is listed as having an aboveground petroleum storage tank and is not considered a REC to the Subject Property.

5.2.14 US Eng Controls List

The US Engineering Controls list consists of sites with engineering controls in place that 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.

- Neither the Subject Property nor properties located within a ½-mile radius of the Subject Property are identified on the US ENG Controls List.

5.2.15 US Inst Controls List

The US Institutional Controls list consists of sites with institutional controls in place that 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 onsite. Deed restrictions are generally required as part of the institutional controls.

- Neither the Subject Property nor properties located within a ½-mile radius are identified on the US INST Controls List.

5.2.16 Historic Cal-Sites List

The State of California Historic Cal-Sites database contains potential or confirmed hazardous substance release properties. In 1996, the California Environmental Protection Agency reevaluated and significantly reduced the number of sites in the Cal-sites database.

- Neither the Subject Property nor properties located within a 1-mile radius of the Subject Property are identified on the Historic Cal-Sites List.

5.2.17 WMUD/SWAT List

The Waste Management Unit Database System (WMUDS) is used by the State Water Resources Control Boards for program tracking and inventory of waste management units. The Solid Waste Assessment Test Program (SWAT) is a database maintained by the California Water Resources Control Board for information on the ground water monitoring of sanitary landfills.

- Neither the Subject Property nor properties located within a ½-mile radius are identified on the WMUDS/SWAT List.

5.2.18 California Hazardous Materials Incident Reporting System

The California Hazardous Materials Incident Reporting System (CHMIRS) is maintained by the California Office of Emergency Services (OES) and contains information on reported hazardous materials accidental releases or spills.

- The Subject Property is not identified on the CHMIRS List.

5.2.19 CERCLIS-NFRAP List (SEMS-ARCHIVE)

The Comprehensive Environmental Response, Compensation, and Liability Information System - No Further Remedial Action Planned (CERCLIS-NFRAP) database is a list of sites that were removed from CERCLIS in 1995 and is also reference as SEMS-ARCHIVE. These sites may have been removed due to the following: after an initial investigation, no contamination was found; contamination was removed quickly without the need to place the site on the NPL; or the contamination was not serious enough to require Federal Superfund action or NPL consideration. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

- Neither the Subject Property nor properties located within a ½ -mile radius of the Subject Property are identified on the CERCLIS-NFRAP List (SEMS-ARCHIVE).

5.2.20 Voluntary Cleanup Program List

The Voluntary Cleanup Program database is maintained by the Department of Toxic Substances Control (DTSC). The VCP database contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee the investigation and/or cleanup activities and have agreed to provide coverage for DTSC's Costs.

- Neither the Subject Property nor properties located within a ½ -mile radius of the Subject Property are identified on the VCP List.

5.2.21 California SLIC Program

The California SLIC (Spills, Leaks, Investigations, and Cleanup) is designed to protect and restore water quality from spills, leaks and similar discharges. The database is maintained by the State Water Resources Control Board (SWRCB).

- Neither the Subject Property nor properties located within a ½-mile radius of the Subject Property are identified on the SLIC List.

5.2.22 CUPA List

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 for Humboldt County.

- The Subject Property is not identified on the CUPA List.
- Twelve properties located within a ¼-mile radius of the Subject Property are identified on the CUPA List.

Engine express, 1087 Elliott Road is located approximately 600-feet east of the Subject Property. This property is listed as a hazardous waste generator <100 kilograms per month. The facility is listed as inactive and non-billable. This site does not present a REC to the Subject Property.

None of the other listed CUPA sites identified present a REC to the Subject Property.

5.2.23 ENVIROSTOR List

The DTSC Site Mitigation and Brownfields Reuse Program (SMBRPs) maintain a database that identifies sites that have known contamination or sites for which there may be reasons to investigate further.

- The Subject Property is not identified on the ENVIROSTOR List.

- Two properties located within a one-mile radius of the Subject Property are identified on the ENVIROSTOR List.

Acquisition Parcel for Paradise USD, 5892 Maxwell Drive is located approximately 500-feet west of the Subject Property. A Technical Workplan for a Phase I Addendum was submitted in November 2023 for DTSC review. The assessment project is currently on hold.

Ridgeview Continuation High School, 5944 Maxwell Drive is located approximately 700-feet northwest of the Subject Property. A school site investigation was completed and DTSC issued a No Further Action letter in April 2021.

6.0 SUMMARY AND CONCLUSIONS

Based on the results of the scope of services performed for this Phase I ESA, Padre hs prepared the following summary and conclusions regarding the Subject Property.

6.1 CURRENT CONDITIONS AND HISTORIC SITE BACKGROUND

The Subject Property consists of 1.77-acres and will be utilized as an expansion parcel for Paradise High School. The Subject Property is identified by Butte County as APN: 053-110-070. The current legal owner of the Subject Property is Paradise Unified School District. No deed was found for either parcel. No environmental liens or AULs were identified for the Subject Property.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (*Community Panel Number: 06007C0400E, Effective Date: 1/6/2011,* the Subject Property is located in Zone X (Area of Minimal Flood Hazard).

According to the EFZ maps issued by the CGS, the Subject Property is not located within the boundaries of an EFZ, and no active faults are known to cross the Subject Property (Jennings 2010).

Based on the aerial photographs, the Subject Property has been a single residential development since at least 1952. The residence was destroyed in the 2018 Camp Fire. The State IMT completed a final on-site review of the Subject Property and concluded that all site assessment activities; debris and soil removal; and confirmation soil sampling was complete. Therefore, the State IMT recommended to Butte County that the debris removal program objectives had been met. Butte County submitted a “Debris Removal Final Signoff Form” for the Camp Fire Incident on July 27, 2019.

The Subject Property is bordered to the north, east and west by residential property. Paradise High School is located approximately 600-feet northwest of the Subject Property. The Subject Property is bordered to the south by Elliott Road, beyond which is residential property. A tributary to Little Dry Creek runs by the southeast corner of the Subject Property in a northeast to southwest direction.

A review of the EDR Radius Map Report did not identify facilities in the database records search within a one-mile radius of the Project Site that present a REC to the Project Site.

6.2 DATA GAPS

All the areas of the Subject Property were accessible to Padre. The information obtained and available to Padre during the preparation of this Phase I ESA is considered acceptable and complete. In general conformance with the scope and limitations of the ASTM E1527-21 Standard, Padre did not identify any significant data gaps in completing this Phase I ESA.

6.3 RECOGNIZED ENVIRONMENTAL CONDITIONS

The following RECs were identified based on the findings of the Phase I ESA and the requirements of DTSC for school sites:

- The potential for OCPs in soil associated with the application of termiticides at the location of a former residential building, which was destroyed during the 2018 Camp Fire. Confirmation soil samples associated with the Butte County debris removal program did not analyze soil samples for OCPs.

6.4 RECOMMENDATIONS

Based on the findings of the Phase I ESA and the requirements of DTSC for school sites, Padre recommends the completion of a Phase I Addendum (soil sampling) for the Subject Property based on the identified REC.

6.5 CERTIFICATION

We declare that, to the best of our professional knowledge and understanding, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. Additionally, we have the specific qualifications based on education, training, and experience to assess the nature, setting, and of the subject property. We have performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part §312. Qualifications of the environmental assessors responsible for the preparation of this report are presented in **Appendix G**.

7.0 LIMITATIONS

This report has been prepared for the sole benefit of PlaceWorks and Paradise Unified School District. No other person(s) may rely on the findings of this report without the expressed written consent of PlaceWorks, Paradise Unified School District and Padre Associates, Inc. In performing our professional services, we have attempted to apply present engineering and scientific judgment and use a level of effort consistent with the standard of practice measured on the date of work and in locale of the Subject Property for similar type studies. Padre Associates, Inc. makes no warranty, express or implied.

The analyses and interpretations presented in this report have been developed based on the results from the review of existing information pertaining to the Subject Property.

The ASTM Standard Practice E 1527-13 and E 1527-21 recognize inherent limitations for Phase I ESAs, including, but not limited to:

- *Uncertainty Not Eliminated.* A Phase I ESA cannot completely eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with any property.
- *Not Exhaustive.* A Phase I ESA is not an exhaustive investigation of the Subject Property and environmental conditions on such Subject Property.
- *Past Uses of the Property.* Phase I requirements only require review of standard historical sources at five-year intervals if readily available. Therefore, past uses of the Property at less than five-year intervals may not be discovered.

Users of this report may refer to ASTM Standard Practice E 1527-13 and E 1527-21 for further information regarding these and other limitations. This report is not definitive and should not be assumed to be a complete and/or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions determined by surface observations, interviews and reviews of historical sources. The most reliable method of evaluating subsurface conditions is through intrusive techniques, which are beyond the scope of this report. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other Property construction purposes. Any use of this report by any party, beyond the scope and intent of the original parties, shall be at the sole risk and expense of such user.

Padre makes no representation of or warranty that the past or current operations at the Subject Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, Padre is not responsible for consequences or conditions arising from facts not fully disclosed to Padre during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and is assumed to be correct and complete unless obviously contradicted by Padre's observations or other credible referenced sources reviewed during the assessment. Padre shall not be liable for any such database firm's failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

Padre used reasonable efforts to identify evidence of aboveground and underground storage tanks and ancillary equipment on the Subject Property during the assessment. "Reasonable efforts" were limited to observation of accessible areas, review of referenced public records and interviews. These reasonable efforts may not identify subsurface equipment or evidence hidden from view by objects including, but not limited to, paving, construction activities, stored materials, and landscaping.

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8.0 REFERENCES

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Butte, County of, Assessor's Office.

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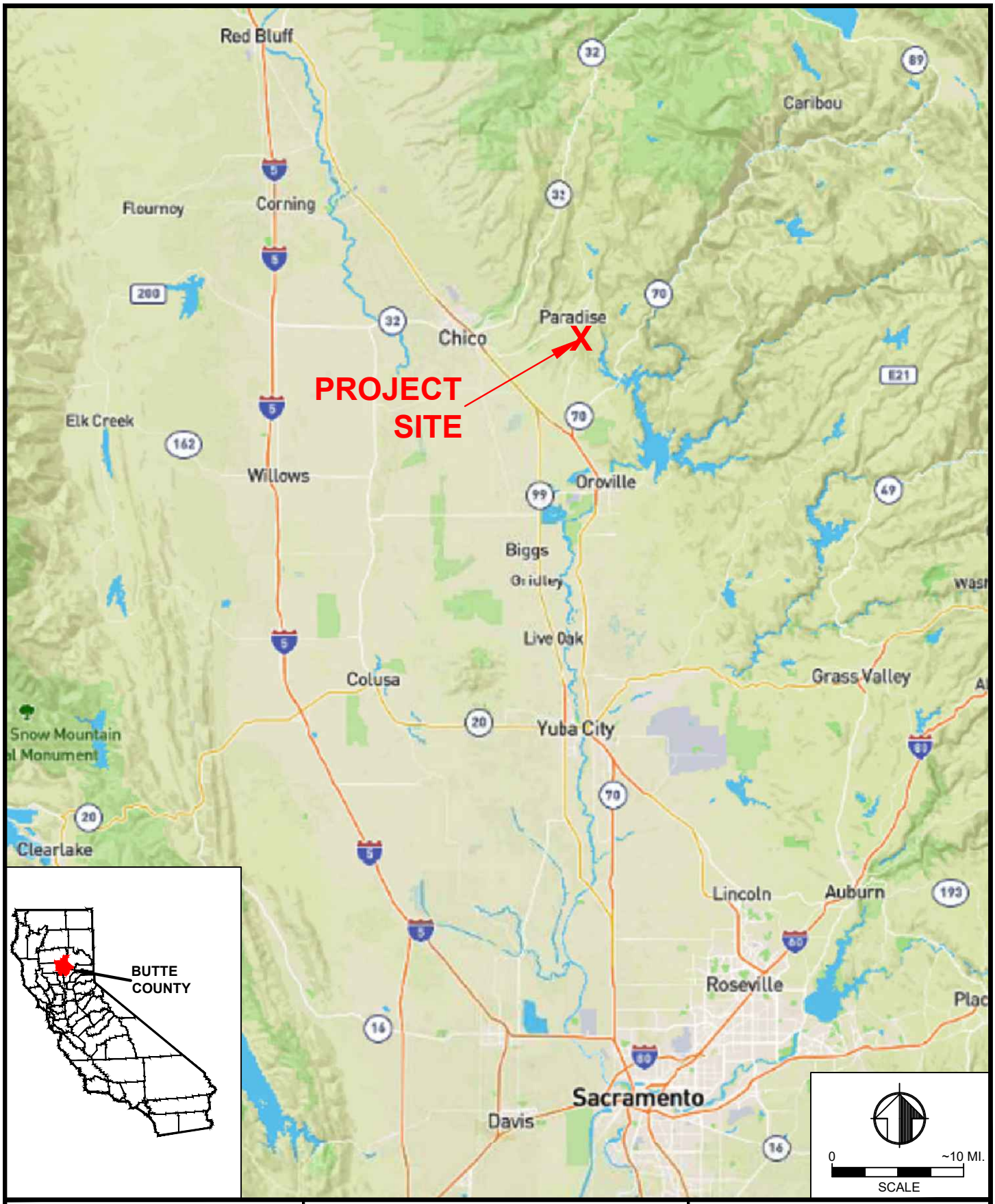
PLATES



padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PARADISE H.S. EXPANSION
1023 ELLIOTT ROAD
PARADISE, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2401-2091	2/20/25	AC	AJK

PLATE 1

SITE LOCATION



padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (7/24)

PARADISE H.S. EXPANSION
1023 ELLIOTT ROAD
PARADISE, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2401-2091	4/25/25	AC	AJK

PLATE 2

SITE MAP

APPENDIX A
ASSESSOR'S PARCEL MAP
AND FLOOD INSURANCE RATE MAP

Provided by:
PARCELQUEST

PTN. SEC. 14, T.22N., R.3E. M.D.B.&M.

53-11

1"=200'

3 | 7 | 08 | 10 | 12

SOUTHERN PACIFIC RAILROAD

26.30Ac±

PARADISE UNIFIED SCHOOL DISTRICT

LOT 49 | 51RS22 | LOT 48 | LOT 47

74

111PM1

.82Ac | .58Ac | .72Ac | .97Ac | .97Ac | .48Ac | .54Ac | 4.35Ac

ELLIOTT

MAXWELL

DRIVE

199RS37 | .58Ac | .44Ac | .46Ac | .43Ac | .43Ac | .32Ac | .96Ac | LOT 43 | .98Ac | .41Ac | .22Ac | .56Ac | 1.10Ac | .53Ac | .50Ac | .16Ac | .39Ac | .37Ac

N89°40'40"E

42PM02 | .31Ac | .41Ac | .42Ac | .42Ac

94PM46

PARK

198RS76 | .35Ac | .23Ac | .45Ac | .41Ac | .34Ac | .42Ac | .34Ac | .44Ac | .25Ac | .38Ac | .59Ac | .31Ac

MAPLE

DRIVE

LN.

PLEASANT

.39Ac | .39Ac | .39Ac | 40PM40 | .55Ac | 1.49Ac | .81Ac | .33Ac | .31Ac | 18.31Ac | .31Ac | .31Ac | 41PM71

LOT 44 | LOT 45 | 1.78Ac | .54Ac | .60Ac | .83Ac | 20 | .52Ac | .49Ac± | 1.15Ac | 9

195RS17 | 195RS17

.17Ac | .18Ac | .15Ac | 115PM46 | LOT 46 | .21Ac | .18Ac | .45Ac | .75Ac± | 1.77Ac | LOT 50 | 1.50Ac | 1.52Ac | LOT 51 | .49Ac± | .51Ac±

93PM88

ROAD

BRUCE SUBDIVISION, 2 M.O.R. 167B, 09-11-1933
SUB. OF SEC. 14, B M.O.R. 28

All Assessor's maps are prepared for local property assessment purposes ONLY. Parcels shown thereon may not comply with State and local subdivision ordinances. No liability is assumed for use of information shown on any Assessor's map. ALL ACREAGES APPROXIMATE PER RECORDED INFORMATION.

Butte County Assessor's Map
Book 53, Page 11

Created by:	DB	Created on:	05-26-2011
Revised by:	PQ	Revised on:	02-28-2022
		Effective roll:	2022-23
Compiled by the Butte County Assessor's Office			

National Flood Hazard Layer FIRMette

FEMA

121°36'56"W 39°45'50"N



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

1:6,000

121°36'18"W 39°45'23"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- 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 *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- 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
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

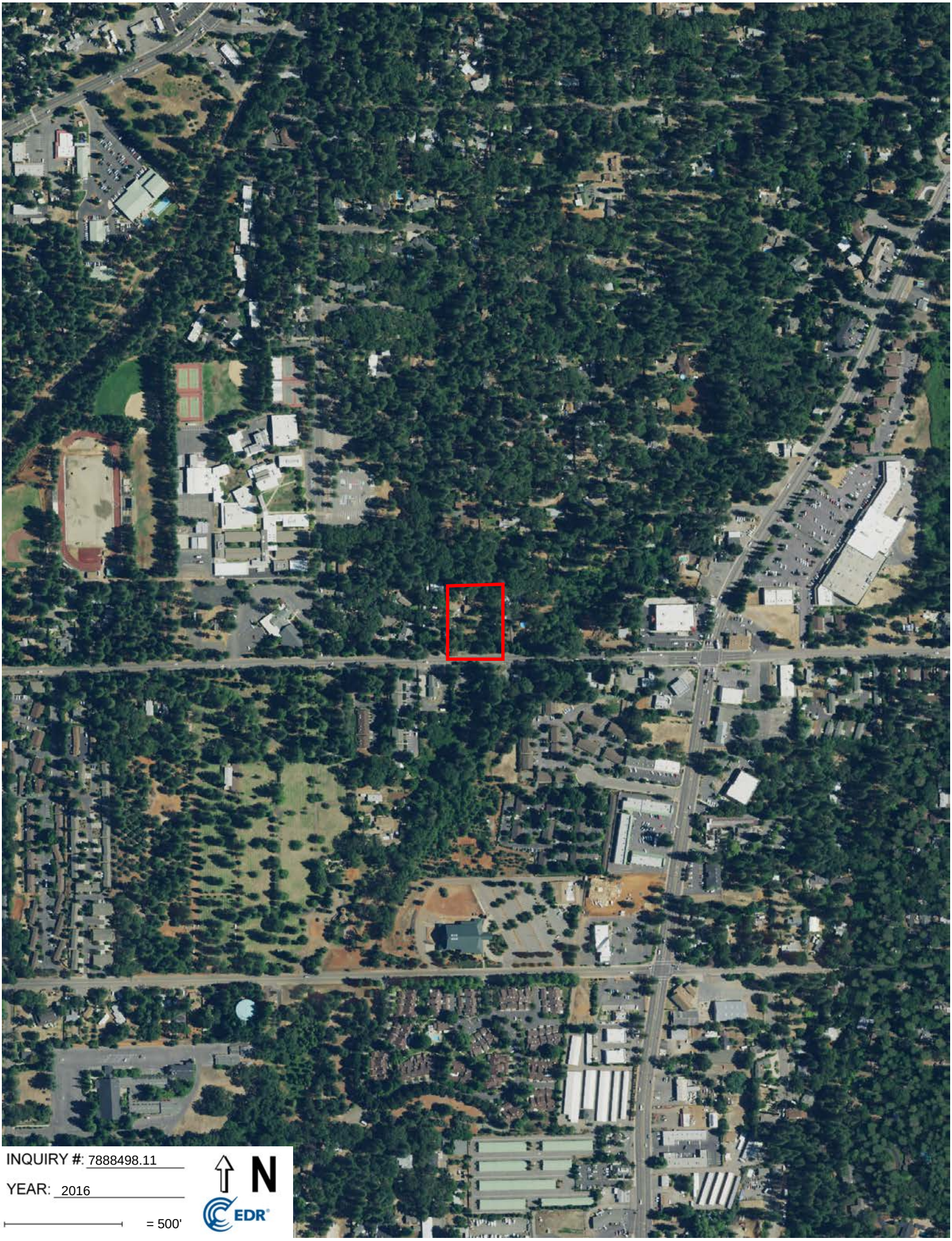
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/13/2025 at 11:54 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.

APPENDIX B
HISTORICAL AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS


INQUIRY #: 7888498.11
YEAR: 2020
= 500'
N
EDR


INQUIRY #: 7888498.11
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 7888498.11
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 7888498.11
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 7888498.11
YEAR: 1998
= 500'
N
EDR


INQUIRY #: 7888498.11
YEAR: 1993
= 500'
N
EDR


INQUIRY #: 7888498.11
YEAR: 1984
= 500'
N
EDR

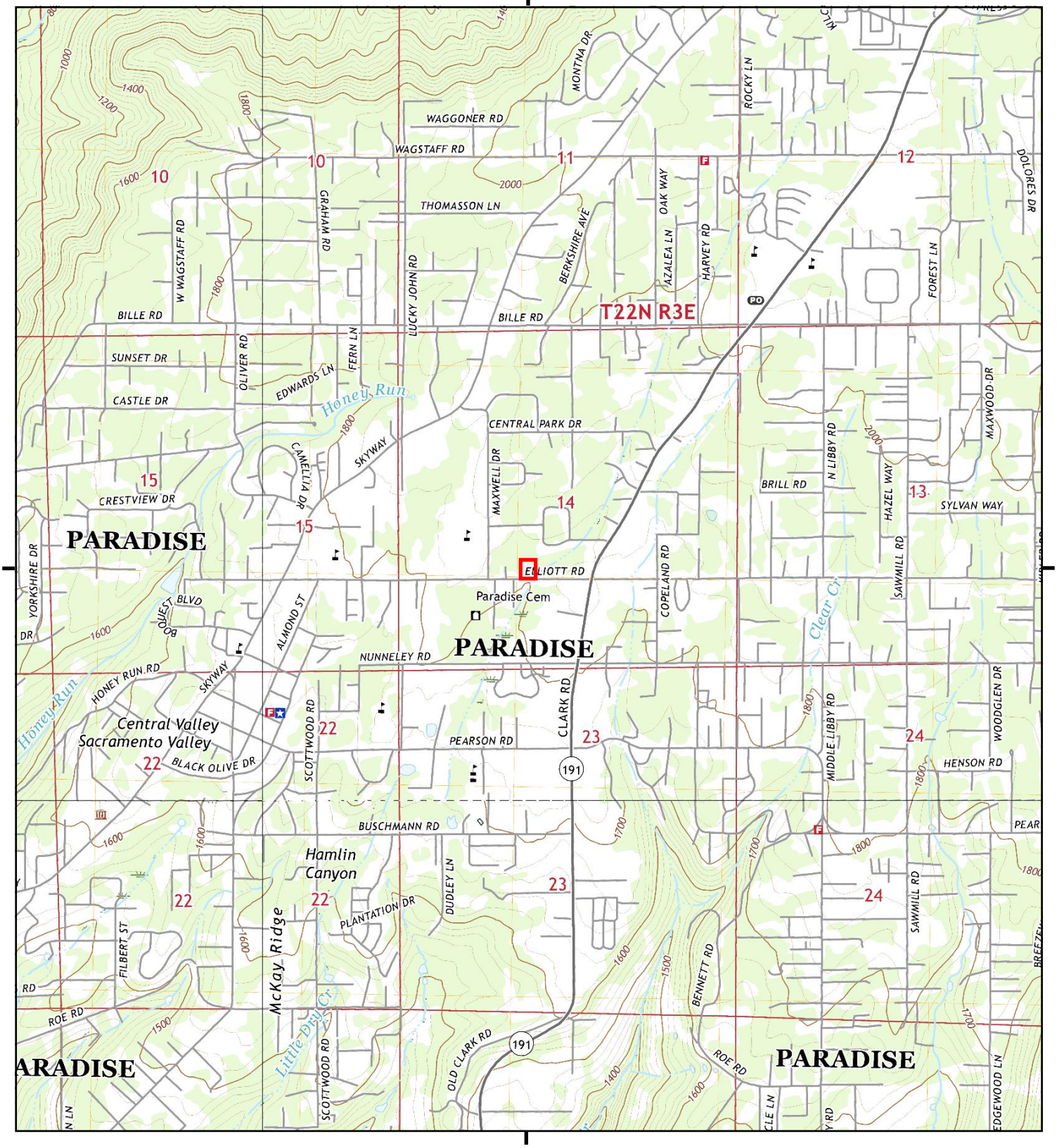

INQUIRY #: 7888498.11
YEAR: 1975
= 500'
N
EDR


INQUIRY #: 7888498.11
YEAR: 1969
= 500'
N
EDR


INQUIRY #: 7888498.11
YEAR: 1952
= 500'
N
EDR

Historical Topo Map

2022, 2021



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

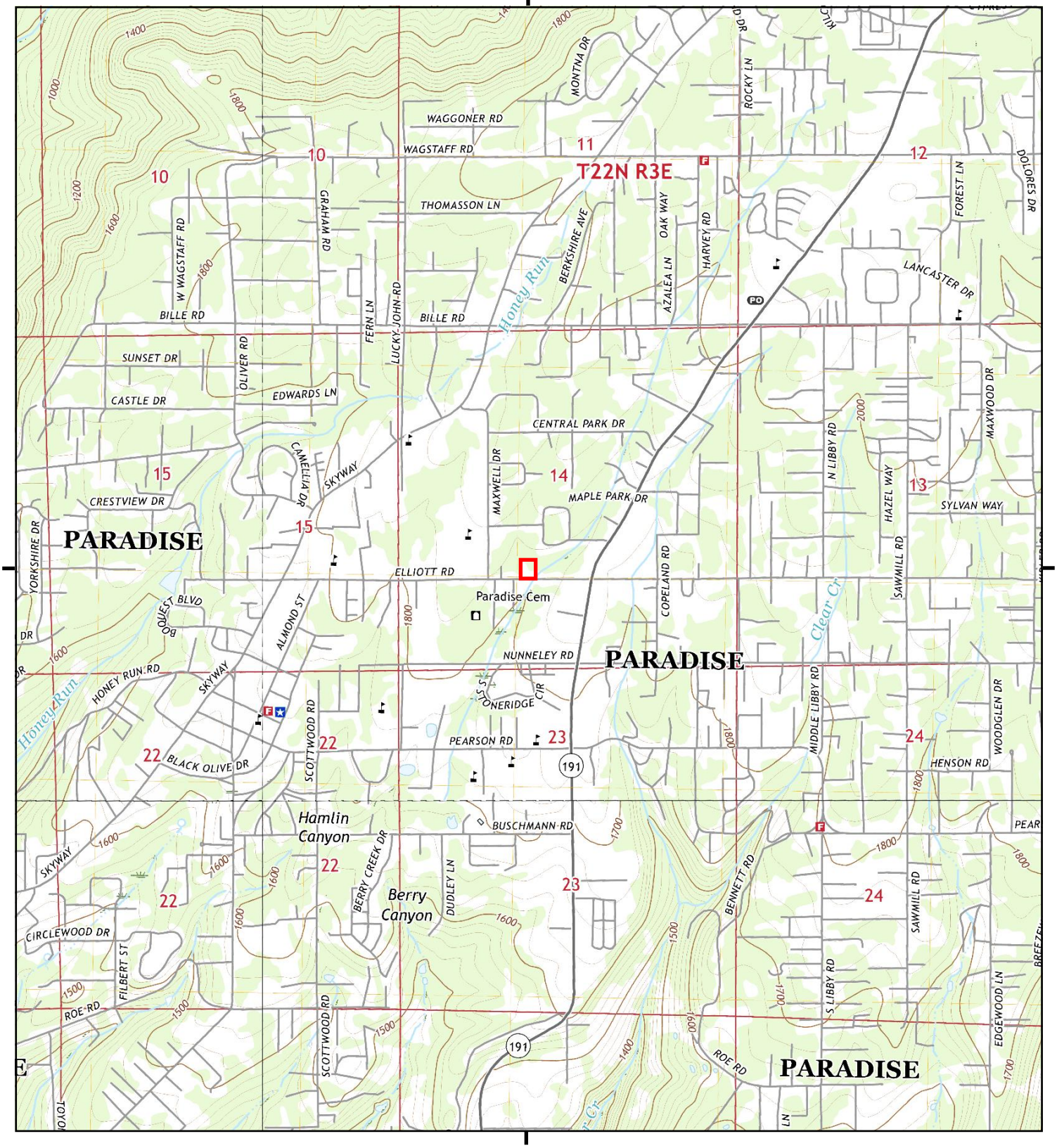
TP, Paradise East, 2022, 7.5-minute
SE, Cherokee, 2022, 7.5-minute
SW, Hamlin Canyon, 2021, 7.5-minute
NW, Paradise West, 2021, 7.5-minute

SITE NAME: 1023 Elliott Road
ADDRESS: 1023 Elliott Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

2018



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

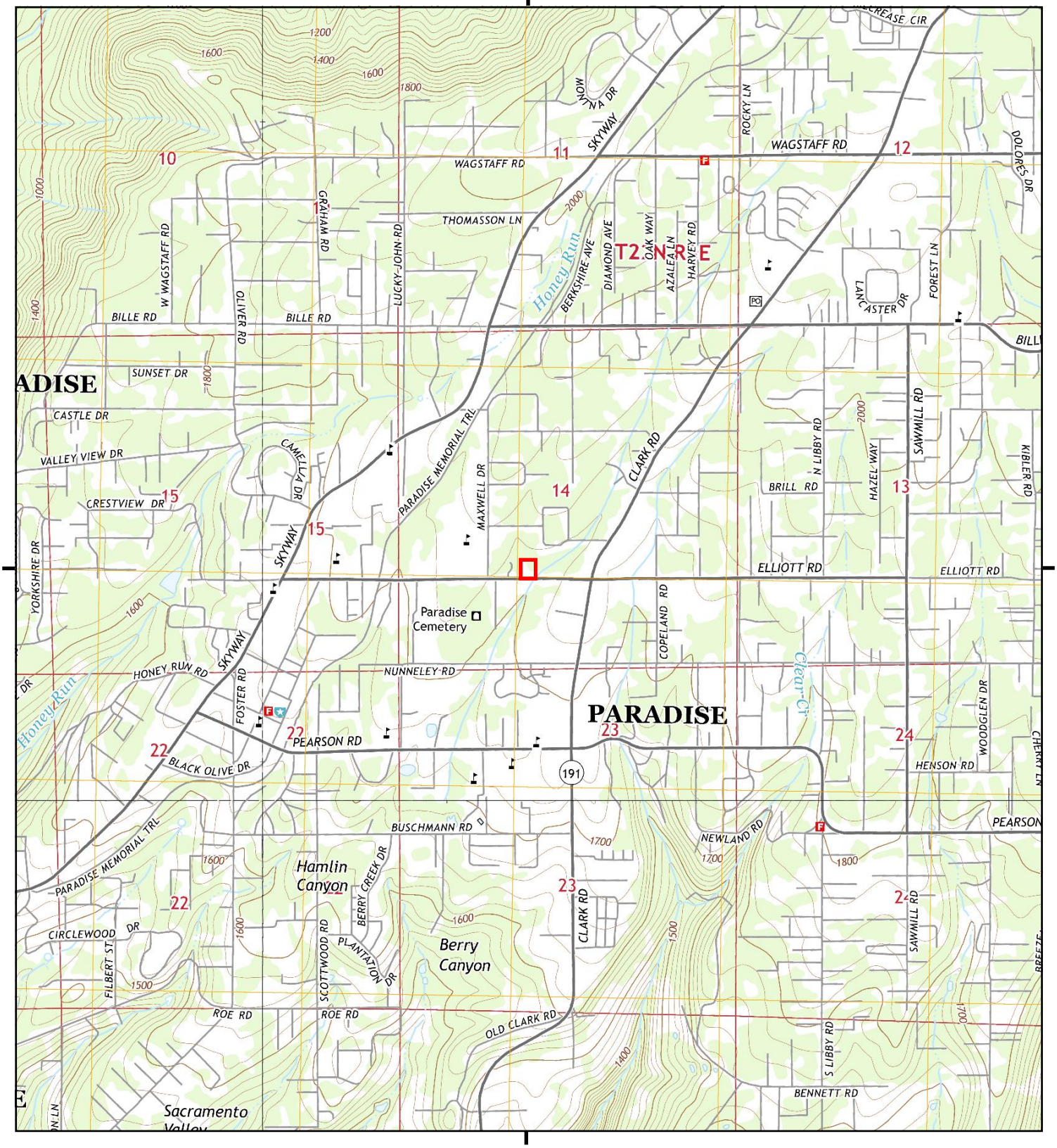
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Paradise East, 2018, 7.5-minute
SE, Cherokee, 2018, 7.5-minute
SW, Hamlin Canyon, 2018, 7.5-minute
NW, Paradise West, 2018, 7.5-minute

SITE NAME: 1023 Elliott Road
ADDRESS: 1023 Elliott Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

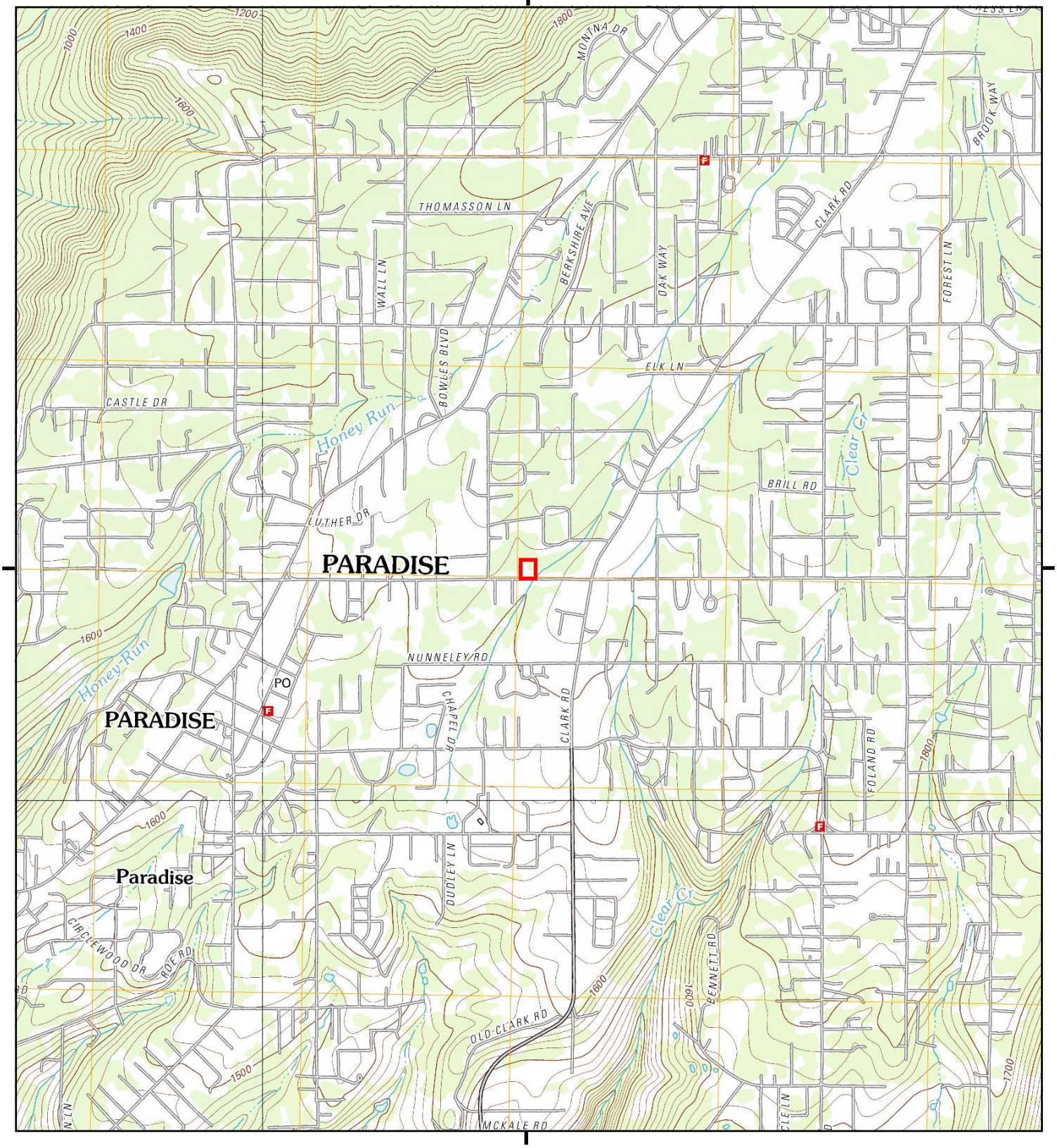
TP, Paradise East, 2015, 7.5-minute
SE, Cherokee, 2015, 7.5-minute
SW, Hamlin Canyon, 2015, 7.5-minute
NW, Paradise West, 2015, 7.5-minute

SITE NAME: 1023 Elliott Road
ADDRESS: 1023 Elliott Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

2012



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

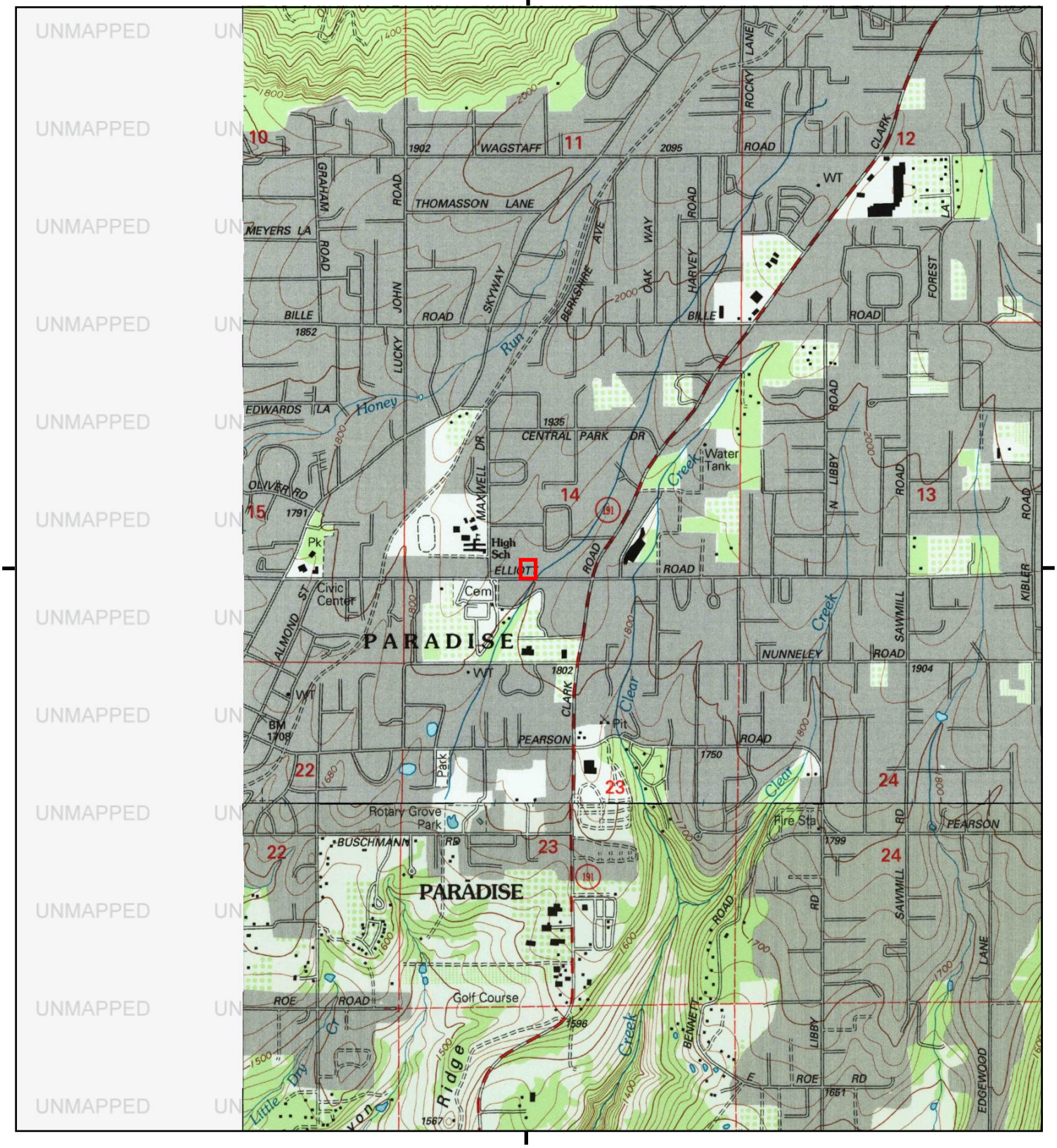
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Paradise East, 2012, 7.5-minute
SE, Cherokee, 2012, 7.5-minute
SW, Hamlin Canyon, 2012, 7.5-minute
NW, Paradise West, 2012, 7.5-minute

SITE NAME: 1023 Elliott Road
ADDRESS: 1023 Elliott Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N



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

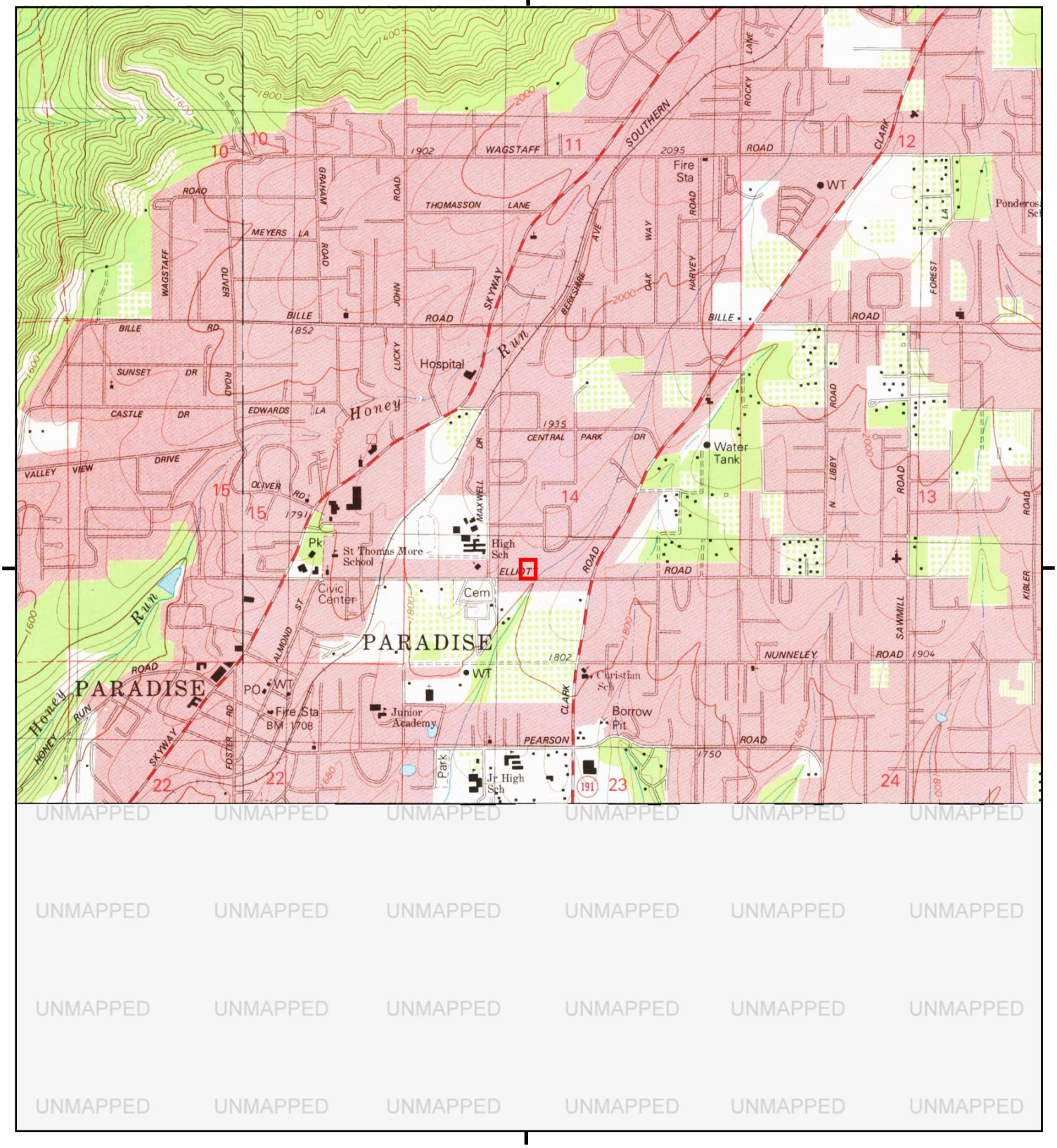
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Paradise East, 1994, 7.5-minute
SE, Cherokee, 1994, 7.5-minute

SITE NAME: 1023 Elliott Road
ADDRESS: 1023 Elliott Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N



UNMAPPED

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

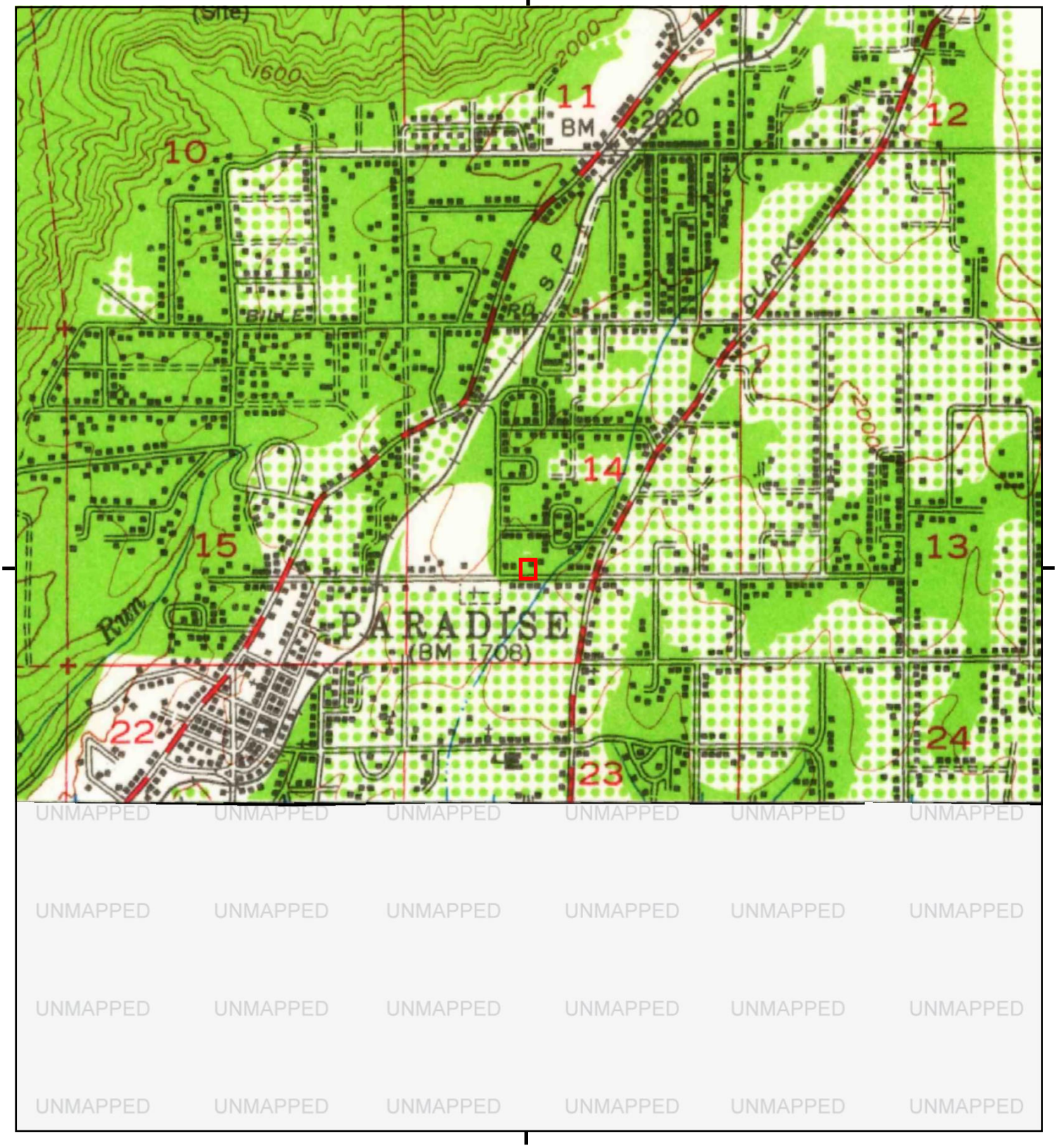
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Paradise East, 1980, 7.5-minute
NW, Paradise West, 1980, 7.5-minute

SITE NAME: 1023 Elliott Road
ADDRESS: 1023 Elliott Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N



UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED

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

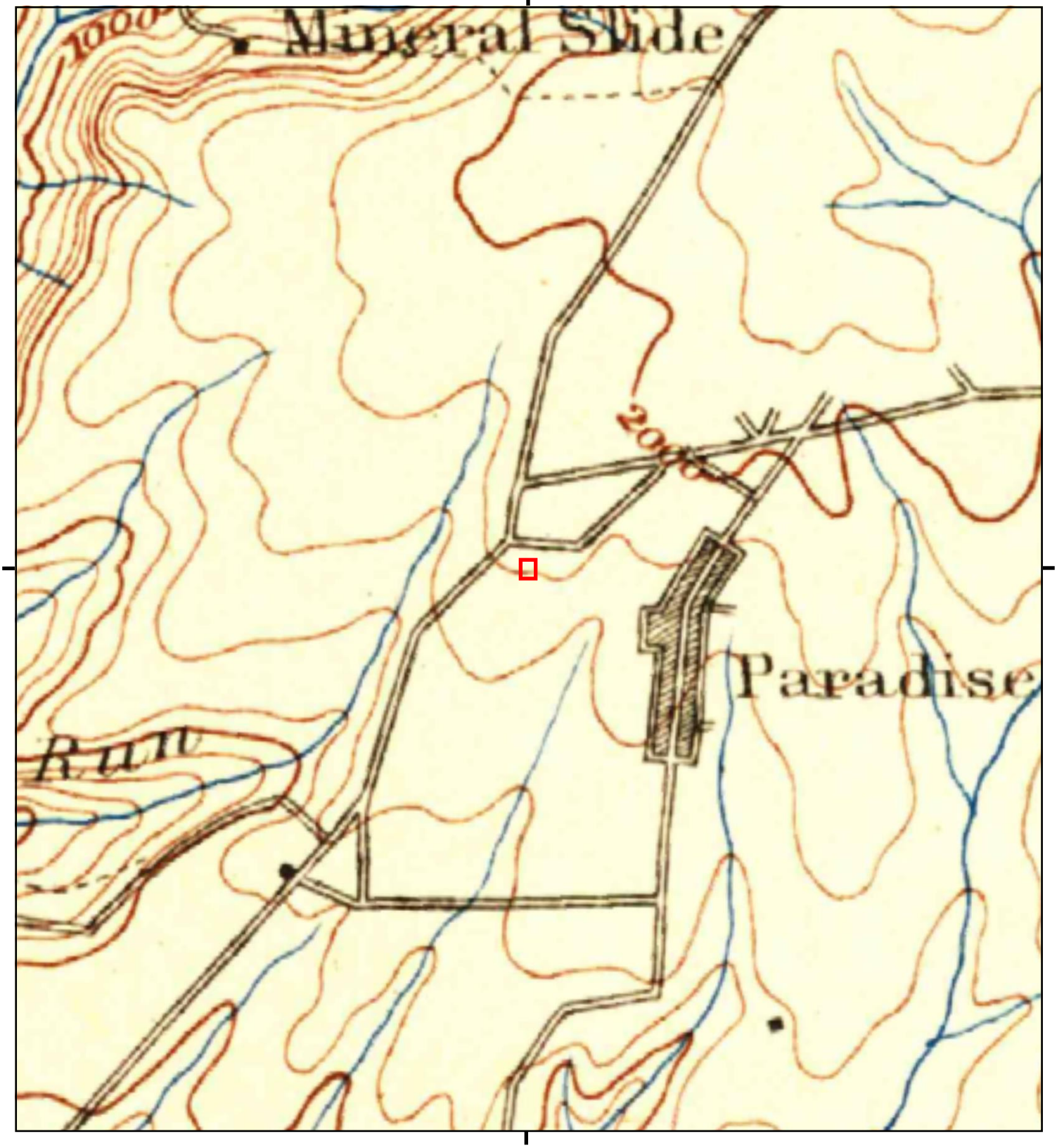
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Paradise, 1953, 15-minute

SITE NAME: 1023 Elliott Road
ADDRESS: 1023 Elliott Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Chico, 1891, 30-minute

SITE NAME: 1023 Elliott Road
ADDRESS: 1023 Elliott Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

APPENDIX C
SITE PHOTOGRAPHS



Photo 1- Looking southeast across the Subject Property.



Photo 2- Looking north across the Subject Property from Elliott Rd.



Photo 3- Looking south along Subject Property driveway entrance.



Photo 4- Septic tank located adjacent to former building location.



Photo 5- Adjacent property (residence) to the west.



Photo 6- Looking south from entrance to the Subject Property.



Photo 7- Looking northwest at Paradise High School.



Photo 8- Looking east along Elliott Road.

APPENDIX D
ENVIRONMENTAL QUESTIONNAIRE

Subject Property Owner Questionnaire

Padre Associates, Inc. (Padre) on behalf of **Paradise Unified School District and PlaceWorks** is requesting the completion of the following questionnaire. The purpose of the questionnaire is to identify past and current use(s) of the Subject Property. Please answer the following questions to the best of your knowledge. If you need more space, please use a separate sheet(s) of paper.

Subject Property: The Subject Property is identified as 1023 Elliott Road in Paradise, Butte County, California. A Site Map is attached.

1. Current Property Owner: Paradise Unified School District

   Mailing Address:6696 Clark Road, Paradise, CA 95969

   Contact: David McCready Email/Phone No.:
   d m c r e a d y @ p u s d k 1 2 . o r g

2. Date of Ownership: October 30th, 2023

3. Previous property owner/date of ownership: November 27th, 2013

4. Current Property Use(s): V a c a n t L a n d

5. Historic Property Use: N o n e

6. Are there any building structures located onsite and/or historic building structures (i.e., removed)? Please provide building use and date of construction: Home was destroyed in the 2018 Camp Fire, just a vacant lot now.

7. Are there any existing environmental reports for the Project Site: No

8. Is the Subject Property connected to City water and sewer; or private well and septic system:

City water, Septic system .

9. Are there any environmental permits (i.e., air emissions, wastewater discharge, etc.) for the Subject Property: No

10. Are there any existing or former underground or aboveground petroleum storage tanks located onsite: No.

11. Are chemicals used and/or stored onsite (If yes, please list chemicals and quantities used per year): N o

12. Are waste chemicals recycled, treated and/or disposed of onsite (If yes, please list chemicals and quantities used per year): No

13. Have there been any chemical spills and/or incidents located onsite: No.

14. List past and present pesticide/herbicide use (List chemicals/year): None that we are aware of.

15. Are there any existing or former landfills and/or burn pits located onsite: No

16. Are there any existing or former pits, ponds, or lagoons in connection with waste treatment or waste disposal located onsite: No

17. Has fill material (soil) been imported to the property (date, volume, borrow source): No

18. Are you aware of any environmental incidents associated with adjacent or nearby properties: 2018 Campfire

~~COMPLETED BY:~~

Signature:  Date: 3 / 1 3 / 2 0 2 5 .

Print Name: Jake Timm

Representing: Paradise Unified School District

Please email completed questionnaire to: Alan J. Klein, Senior Environmental Scientist
Padre Associates, Inc.
aklein@padreinc.com



padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (5/23)

PARADISE H.S. EXPANSION
1023 ELLIOTT ROAD
PARADISE, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2401-2091	2/20/25	AC	AJK

PLATE 2

SITE MAP

APPENDIX E

BUTTE COUNTY CAMP FIRE INCIDENT REPORT



053-110-070

1023 ELLIOTT RD

39.759959, -121.610138

Butte County
• CALIFORNIA •

Camp Fire Incident

Property Report | Butte County, California

Property Report Summary
Debris Removal Right-of-Entry Permit (ROE)
Site Assessment Form
Asbestos Survey Form
Asbestos Chimney Form
Asbestos Survey Results
Asbestos Abatement Clearance
Cleanup Goals Screening Table
Soil Sampling Map
Laboratory Report
Data Validation Checklist
Confirmation Sampling – Unified Command Approval Form
Erosion Control Worksheet
Waiver of Erosion Control Measures Form
Debris Removal Final Signoff Form
Post Debris Removal Photographs

CalRecycle

Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Camp Fire Incident

Property Report | Butte County, California

Property Report Summary

PROPERTY REPORT SUMMARY
Assessor Parcel Number: **053-110-070**
Address: **1023 ELLIOTT RD PARADISE CA 95969**

OVERVIEW

This individual property report (IPR) describes general debris removal and environmental activities conducted at each property and specific details for this property. General program activities at each property included the following: Debris Removal Right-of-Entry Permit (ROE) review and eligibility determination, site assessment, asbestos survey, asbestos abatement (if appropriate), debris removal, soil confirmation sampling, additional soil removal (if appropriate), erosion control (if appropriate), and final State Incident Management Team (IMT) approval. All activities were conducted in accordance with the Debris Removal Operations Plan for the Camp Debris Removal Incident, Version 5.4, dated June 13, 2019.

At this property, asbestos was identified and required abatement. A dug well was identified on this property during the site assessment. Soil contamination was addressed during the initial debris removal, and no additional soil removal was necessary. Specific details and notes for this property are included in the table on the final page of this summary.

PROPERTY ACCESS

Property owners submitted ROE forms to Butte County to authorize access to and cleanup of the property. Following County approval, the ROE was provided to the State for eligibility review and the property was included in the debris removal program. The ROE provides the terms of the debris removal program and outlines the overall process.

SITE ASSESSMENT

The site assessment is the initial detailed activity at each property. Environmental consultants performed hazardous material surveys and recorded property conditions and hazards using electronic or paper field forms, photographs, and created a property sketch. Results of the site assessment guided safe removal and handling of burn debris and served as the baseline for all debris removal and environmental activities.

ASBESTOS SURVEY AND ABATEMENT

California certified asbestos consultants (CAC) and certified site surveillance technicians (CSST) completed a visual asbestos survey (Appendix A of the Debris Removal Operations Plan for the Camp Debris Removal Incident, Version 5.4, dated June 13, 2019) at each property. Samples were collected from materials suspected to contain asbestos, including: (1) construction materials from destroyed and partially destroyed structures and (2) debris piles. If the asbestos inspectors did not identify suspected asbestos-containing materials, no samples were collected. Asbestos-containing materials were identified and abated.

DUG WELL DESTRUCTION

A dug well was identified on this property during the site assessment. The environmental consultants obtained dug well destruction approval from the property owner. After approval, the contractor destructed the dug well by removing the portion above ground surface and to 3 feet below ground surface, then filling the dug well with concrete sand slurry or bentonite chips. The contractor placed a 3-foot concrete mushroom cap at the top and sloped the sides back to grade.

PROPERTY REPORT SUMMARY
Assessor Parcel Number: **053-110-070**
Address: **1023 ELLIOTT RD PARADISE CA 95969**

DEBRIS REMOVAL
Debris removal and asbestos abatement contractors conducted the removal of all building materials impacted by the fire, including but not limited to: stucco, roofing, floor tile, linoleum, fireplaces and chimneys, furnaces, vinyl tiles and mastic, sheetrock and joint compound, asbestos cement pipe, exterior home siding, thermal system insulation, concrete, appliances, vegetation, construction debris, electronic waste, household hazardous chemicals, and impacted soil beneath former structures or vehicles. Debris removal activities were guided by the site assessment results. An independent, third-party debris monitoring consultant and the State conducted oversight of all debris removal activities. All debris was disposed at State- and County-approved recycling facilities or landfills.

CONFIRMATION SOIL SAMPLING
Following debris removal activities, environmental consultants collected soil samples from the top 3 inches of soil to confirm any residual contamination from burn-impacted structures had been removed. Soil sampling results were compared to cleanup goals developed specifically for the Camp Fire Incident, as approved by the State IMT. The cleanup goals are based on health-based screening levels established by U.S. Environmental Protection Agency (EPA) and California Department of Toxic Substances Control (DTSC) for residential uses, and ambient or naturally-occurring "background" concentrations of metals in soils. Background levels were determined by extensive testing for metals in areas without burned debris. Cleanup decisions also incorporated a laboratory margin of error to account for common instrument variability within standardized EPA laboratory tests. Confirmation sample names use assessor parcel numbers (APN) followed by the structures sampled (A, B, C, etc.), and the number of samples per structure based on the structure footprint (A1, A2, A3, B1, C1, C2, etc.)

	APN		Structure/Sample Number
Example Confirmation Sample Name:	123-456-789	–	A2

EROSION CONTROL
Once the State IMT determined the property met the overall cleanup objectives of the debris removal action, contractors implemented erosion control measures, if authorized by the property owner. Erosion control measures stabilized disturbed soil and reduced potential soil runoff by installing fiber rolls, compost filter socks, silt fences, erosion control blankets, hydraulic mulch and tackifier, soil binders, and other mechanisms to reduce soil erosion. Means and methods differed at each property depending on property conditions.

STATE IMT APPROVAL
Following completion of erosion control measures, the State IMT conducted a final on-site review of the property, approved all work completed, and recommended to Butte County that the debris removal objectives were complete. Butte County completed the process with approval of the Debris Removal Final Signoff Form.

PROPERTY REPORT SUMMARY
Assessor Parcel Number: **053-110-070**
Address: **1023 ELLIOTT RD PARADISE CA 95969**

IPR CONTENTS AND DESCRIPTIONS OF FILES

Debris Removal Right-of-Entry Permit (ROE): Signed by property owner to allow State/State contractors on the property if the property is eligible for the program.

Site Assessment Form: Documents post-fire site conditions at the property.

Asbestos Survey Form: Documents activities completed to identify and, if appropriate, sample and remove asbestos-containing materials.

Asbestos Chimney Form: Includes chimney demolition date and indicates if suspected asbestos-containing materials were observed and sampled.

Asbestos Survey Results: Provides laboratory analytical results for suspected asbestos-containing samples collected at the property.

Asbestos Abatement Clearance: Lists the type and amount of asbestos-containing materials removed from the property, and when asbestos abatement was completed.

Cleanup Goals Screening Table: Presents environmental soil sample data for the property.

Soil Sampling Map: Provides a field map documenting property structures that were damaged/destroyed or were undamaged, and associated structure square footage. The map also includes all environmental soil sampling and soil boring (if applicable) locations.

Laboratory Report: Provides laboratory analytical results for environmental soil samples collected at the property.

Data Validation Checklist: Documents data quality and identifies any issues or qualifiers for soil analytical laboratory reports.

Confirmation Sampling – Unified Command Approval Form: Documents that the State (CalRecycle) has determined that soil sample results met debris removal cleanup objectives. This form is completed by CalRecycle.

Erosion Control Worksheet: Provides a field sketch of the erosion control measures applied at the property after environmental activities were completed and cleanup objectives were met.

Waiver of Erosion Control Measures Form: Documents that a property owner has declined erosion control measures.

Debris Removal Final Signoff Form: Documents property work has been completed; this form is completed by CalRecycle to close out the property.

Post Debris Removal Photographs: Documents post-debris removal conditions at the property.

PROPERTY REPORT SUMMARY

Assessor Parcel Number: **053-110-070**

Address: **1023 ELLIOTT RD PARADISE CA 95969**

APN SUMMARY	
Damage Claim(s) Known to Exist for This Property *Note - Property owner may have submitted a claim directly to the California Department of General Services (DGS) or settled with a contractor without Tetra Tech knowledge.*	Yes; Not all damage claims are resolved as of the date of the production of this report. All Damage Claim documentation for this property as of the date of this report is attached.
Asbestos Survey Date	2/1/2019
Asbestos-Containing Materials Requiring Abatement	Yes
Asbestos Activities Completion Date	3/4/2019
Asbestos Survey Notes	None
Geologic Background Set	TVP Area
Property Structures Burned and Removed (square feet)	A: 2,050 sf; B: 100 sf
Confirmation Soil Samples Collected	A1, A2, A3, A4, A5, B1
Final Confirmation Soil Samples Above Cleanup Goals and Lab Margin of Error	None
Soil Boring Samples	None
Site Completion Date	7/27/2019
Notes, Comments, Unique or Unexpected Circumstances Occurring during Clean-Up Operations	All cleanup goals achieved.

Camp Fire Incident

Property Report | Butte County, California

Debris Removal Right-of-Entry Permit (ROE)

County of Butte
Department of Public Health- Environmental Health
202 Mira Loma Drive
Oroville, CA 95965

Phone: 530-552-3155
Email: ROE@buttecounty.net

RECEIVED
DEC 29 2016
BY:

Debris Removal Right-of-Entry Permit

(For Providing Debris Removal on Private Property)

Owner Name: Jay Millsap + Gaia So	
Phone Number & Email: 530-321-5634 jazzmandolin4u@gmail	
Property Address: 1023 Elliott Rd, Paradise, CA, 95969	☐Unincorporated or ☑City
Assessor's Parcel Number (APN): 053-110-070-000	
Age of Structure(s): 60 yrs	

The undersigned hereby certifies they/he/she are/is (check):

_____ The owner(s) with authority to grant access to the property at (address) 1023 Elliott Rd Paradise 95969.

_____ The authorized agent of the Property Owner resident at above address.

I / we, Jay Millsap + Gaia So, certify that I am / we are the owner(s) or authorized agent of the real property located at the above address (hereinafter "Owner"). I hereby certify that I have full power and authority to execute this Right of Entry (ROE) Permit without the need for any further action, including, but not limited to, notice to or approval from any other party.

I / we hereby grant the county of Butte, local government, as well as the State of California, and the Federal Government, and their officers, employees, agencies, and independent contractors (collectively, the "Government"), a ROE upon the real property specified above by address and APN (hereafter the "Property").

1. **Time Period**: This ROE shall expire 36 months after the date of the Owner's signature(s), below, or when the debris removal activities described below are complete, as determined in the sole discretion of the Government, whichever date is sooner.

2. **Purpose**: The Government is granted this ROE to inspect, test, remove, and clear wildfire-generated debris of whatever nature including but not limited to burned or partially burned structures, ash, concrete foundations, contaminated soil, vehicles, trailers, waste or other debris from the Property ("Debris Removal"). Tree or tree limbs and shrubbery deemed hazardous to work crews, or obstructing their access to the debris clearance site, may also be removed to accomplish this work.

3. **Authorized Activities**: Owner hereby grants to the Government, the right to determine, in the Government's sole discretion, which materials and items on the Property are eligible for Debris Removal. Owner is responsible for removing, at Owner's expense, any items not eligible for Debris Removal. Owner's failure to remove items not eligible for Debris Removal may later be deemed a public nuisance by local officials.

4. **Reimbursement**: All Debris Removal activities are provided by the Government at no direct cost to Owner. However, the Owner agrees hereby to file an insurance claim if Owner possesses homeowner's or property insurance. Most homeowner's insurance policies include coverage for debris removal. State and federal law require Owner to assign any debris removal insurance proceeds to the Government to avoid a duplication of benefits (42 USC 5155; 44 CFR 204.62). In consideration of the Government's agreement to perform Debris Removal, Owner agrees to inform the insurance company listed below of this assignment and agrees to release their insurance information to the Government.

5. **Specified Debris Removal Insurance Coverage:** If Owner's insurance in effect at the time of the wildfire provides specific coverage for debris removal, Owner hereby assigns any and all rights, benefits, and proceeds with respect to these particular specific coverages to the local government and hereby authorizes that any benefits or proceeds be paid directly to local government. Owner shall not be liable for any further costs to local government.

6. **No Specified Debris Removal Insurance Coverage:** If Owner's insurance in effect at the time of the wildfire does not provide specific and separate coverage for debris removal, but debris removal coverage is included within another larger coverage category, payment to local government shall be limited to the unused benefit amount, after the residence is rebuilt. Owner shall not be liable for further costs to local government. Owner hereby assigns any and all rights, benefits, and proceeds of any unused benefit amount that is eligible for debris removal remaining in a larger coverage category to local government.

In the event the insurance companies listed below issues insurance proceeds for Debris Removal

directly to Owner, Owner shall promptly inform the local government of the amount of such proceeds and remit such insurance proceeds to the local government.

Insurance Company: Capitol Insurance Group

Policy Number: 2-HOC-1-1836211

Claim Number: 154150

Agent's Name: Rebecca Kemp (Adjuster)

Agent's Phone / e-mail: 831-233-5527 rkemp@ciginsurance.com

Secondary Insurance, or personal property insurance for other damaged items on the Property:

Insurance Company: _____

Policy Number: _____

Claim Number: _____

Agent's Name: _____

Agent's Phone / Email: _____

If Owner does not have homeowner's or other similar insurance, Owner certifies under penalty of perjury by his/her signature below that no insurance coverage for the costs fire debris removal at the Property was in effect at the time of the wildfire:

_____ _____

Owner's signature Date

Any property that is sold prior to issuance of the cleanup certification will be withdrawn from the program and billed for cleanup services, unless both new and former Owners sign a property transfer affidavit. Costs for work completed will be billed to the insurance company listed above if applicable.

7. **Waiver of Liability:** Owner acknowledges that the Government's decisions about when, where, and how to provide Debris Removal services on Owner's property are discretionary functions. Owner hereby acknowledges that the Government is not liable for any claim based on the exercise or performance, or failure to exercise or perform, a discretionary function, and promises not to make such a claim. **Owner further releases and agrees to hold and save harmless the Government from all liability for any damage or loss whatsoever that may occur during or after performance of the Government's Debris Removal activities. Please also see paragraph 9, below**. Owner therefore waives any claims or legal action against the

Government. This indemnification is required by state and federal law, including the California Emergency Services Act, California Government Code section 8655 and the Stafford Act, 42 United States Code, sections 5148 and 5173.

8. **Foundations:** In order to participate in this program, Owner must allow removal of all foundations. Stem walls and retaining walls may be left on a case-by-case basis, as approved by the Operations Chief and/or his or her designee. Owner acknowledges and understands that removal of a foundation may leave a depression in the ground, and that it is Owner's responsibility to fill any depression(s) following the removal of a foundation.

9. **Soil Sampling**: Debris Removal includes taking soil samples in the debris footprint to ensure that all contaminants have been removed. If initial soil samples do not meet the cleanup goals for this project, additional soil will be removed from the debris footprint and more soil samples will be taken. Owner acknowledges and hereby authorizes the Government to remove enough soil to ensure cleanup goals have been met. Owner acknowledges this may leave a depression on the property and that it is Owner's responsibility to fill any depression left on the property.

10. **Markings of Infrastructure Facilities:** Owner agrees to make their best efforts to mark subgrade utility lines (sewer, water, electricity, gas, cable, solar), and to mark the location of septic tanks, wells, or other subgrade structures. Owner should carefully complete the attached *Property Information Form* and append any maps, diagrams, or legible notes that may be useful to the Government's contractor in locating subgrade structures.

11. **Driveway, Roadway and Other Incidental Damage:** Multi-ton excavators must perform much of the demolition, consolidation and loading of fire debris into trucks for removal to appropriate landfills. The scale and weight of this equipment, and the weight of loaded trucks hauling debris out of fire-damaged neighborhoods, often exceeds the design capacity of residential driveways, sidewalks, and roadways. Cracking and damage to asphalt and concrete pavement is a common and often unavoidable consequence, and is therefore considered incidental to Debris Removal. The Government, where feasible, will make reasonable efforts to mitigate such damage. However, by accepting Government Debris Removal at this Property, the Owner acknowledges the risk of such incidental damage as well as responsibility for the cost of any repairs to private property or jointly-owned private roadways that may be caused by Government contractors in the performance of Debris Removal operations. Owner hereby promises to hold and save harmless the Government from any repair claims described above, or any other incidental and unavoidable damage occurring as a result of routine operations.

12. **Damage to Improved Property:** Debris and ash removal crews will attempt to minimize impacts to improved property that was not damaged by the fire. The California Governor's Office of Emergency Services Operations Chief *may*, at their sole discretion, authorize attempted repair or replacement of improved property that was negligently damaged during the Debris Removal operations. However, Owner acknowledges paragraphs 5 and 9 of this ROE limit the liability of the Government and their contractors.

13. **Modification**: The provisions of this ROE may not be modified. Owner may cancel this ROE only by submitting an executed *Withdrawal Form* to the County (see attached).

14. **Fraudulent or Willful Misstatement of Fact**: An individual who fraudulently or willfully misstates any fact in connection with this agreement may be subject to penalties under state and federal law, including civil penalties, imprisonment for not more than five years, or both, as provided under 18 United States Code, section 1001.

Jay Millsap Gaia So
Printed name of Owner or Agent

Signature of Owner or Agent Gaia So 12-29-18
Date

530-321-5634 jazzmandolin4u@gmail
Phone number of Owner or Agent E-mail address of Owner or Agent

2411 26th ave Oakland 94601
Mailing address of Owner or Agent

Approved by County of Butte and verified that the Property, APN, and Owner are accurate and meet the eligibility requirements of program:

Diana Kato ROE Rep
Title and Printed name of County Representative

Signature of County Representative 1/17/19
Date

Disaster Debris Removal Program
Property Information

Please identify all that apply on the Property:

Vehicles	Location	Description	Comments
Car	backof lot	burned	please take away!
Boat or Trailer			
Other vehicles			
Other:			

Underground Tanks	Location	Construction Date (If Known)	Comments
Septic[1]		2013!	to the right of the concrete elevated porch structure
Fuel/Oil[2]			
Water			
Other:			

1. Septic tanks will be pumped of all waste as part of the debris removal project only if they posed a hazard to crews.
2. Owner must provide documentation of ownership for large propane tanks to be removed.

Underground Structures	Location	Construction Date (If Known)	Comments
Basement			
Root Cellar			
Other:			

Camp Fire Incident

Property Report | Butte County, California

Site Assessment Form

TETRA TECH

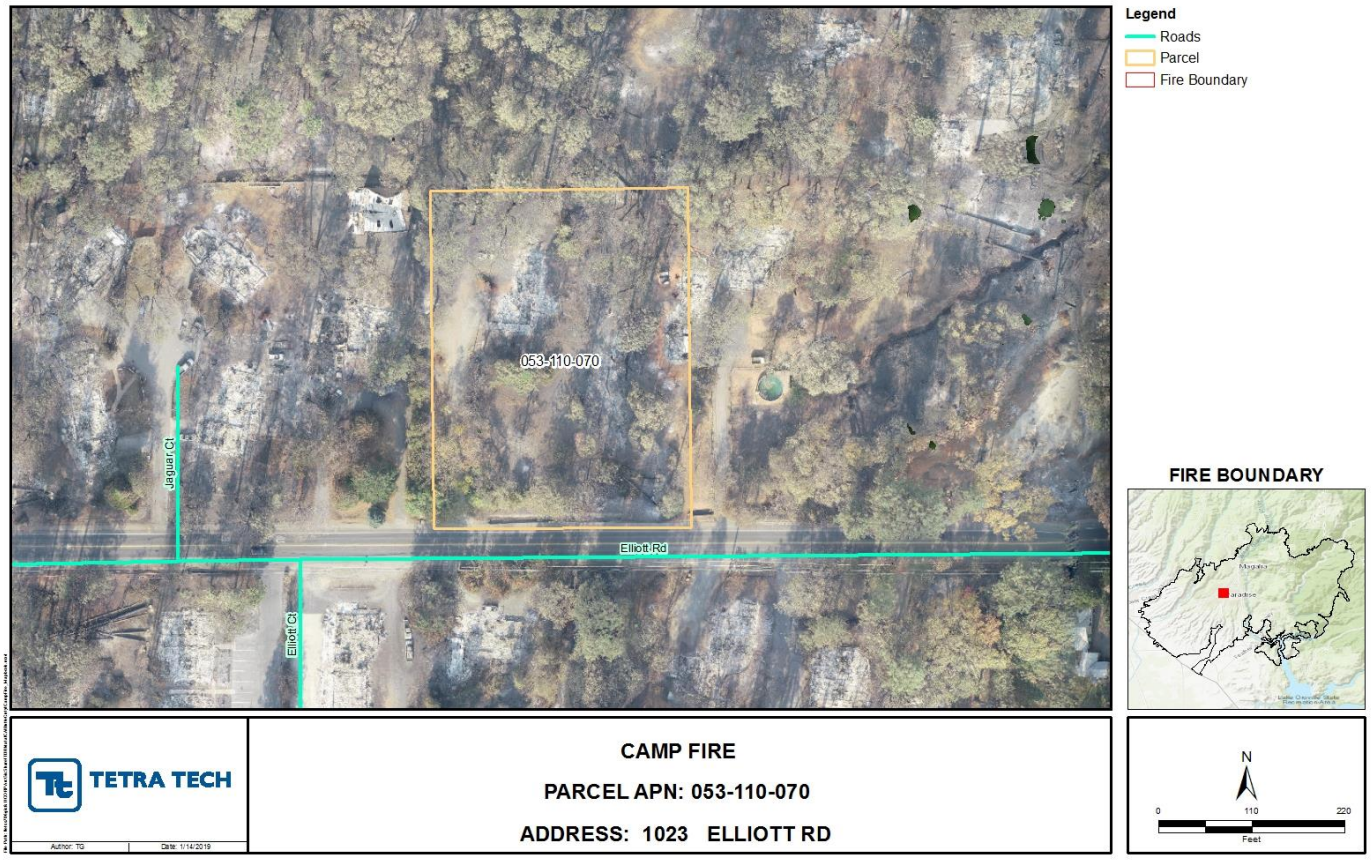
CalRecycle – Camp Fire Site Assessment

Parcel # 053-110-070

Address: 1023 Elliott Road	
Survey Date: 1/29/2019	**Surveyor(S)**: Zack Phillips, Jacob Glenn
Damage Area: Paradise	
Foundation	
[ ] Basement [ ] On Block [X] Slab (On-Grade) [ ] No Visible Foundation	
Notes:	
Exterior	
[ ] Exterior Walls Damaged [X] Totally Collapsed [ ] No Visible Damage Observed	[ ] Visible Structural Damage [ ] Partially Collapsed
Notes:	
Driveway	
[ ] Paved [X] Dirt/Stone [ ] Bridge	[ ] Pre-Existing Damage (Cracks Or
Site Hazards	
[X] [A] Automobile	[ ] Pool/Spa (Below Ground)
[ ] [C] Chimney	[ ] [R] RVs (Other Motorized Vehicle)
[ ] [H] HHW	[ ] [S] Septic
[X] [M] Metal	[ ] [T] Tree(S) – Rec Removal
[ ] [Y] Motorcycle	[X] [U] Utilities
[ ] (PL) Propane (Large Tank)	[ ] [V] Vessels
[ ] (PS) Propane (Small Tank)	[ ] (W) Well Water
[ ] Pool/Spa (Above Ground)	[ ] Solar Panel/Windmill

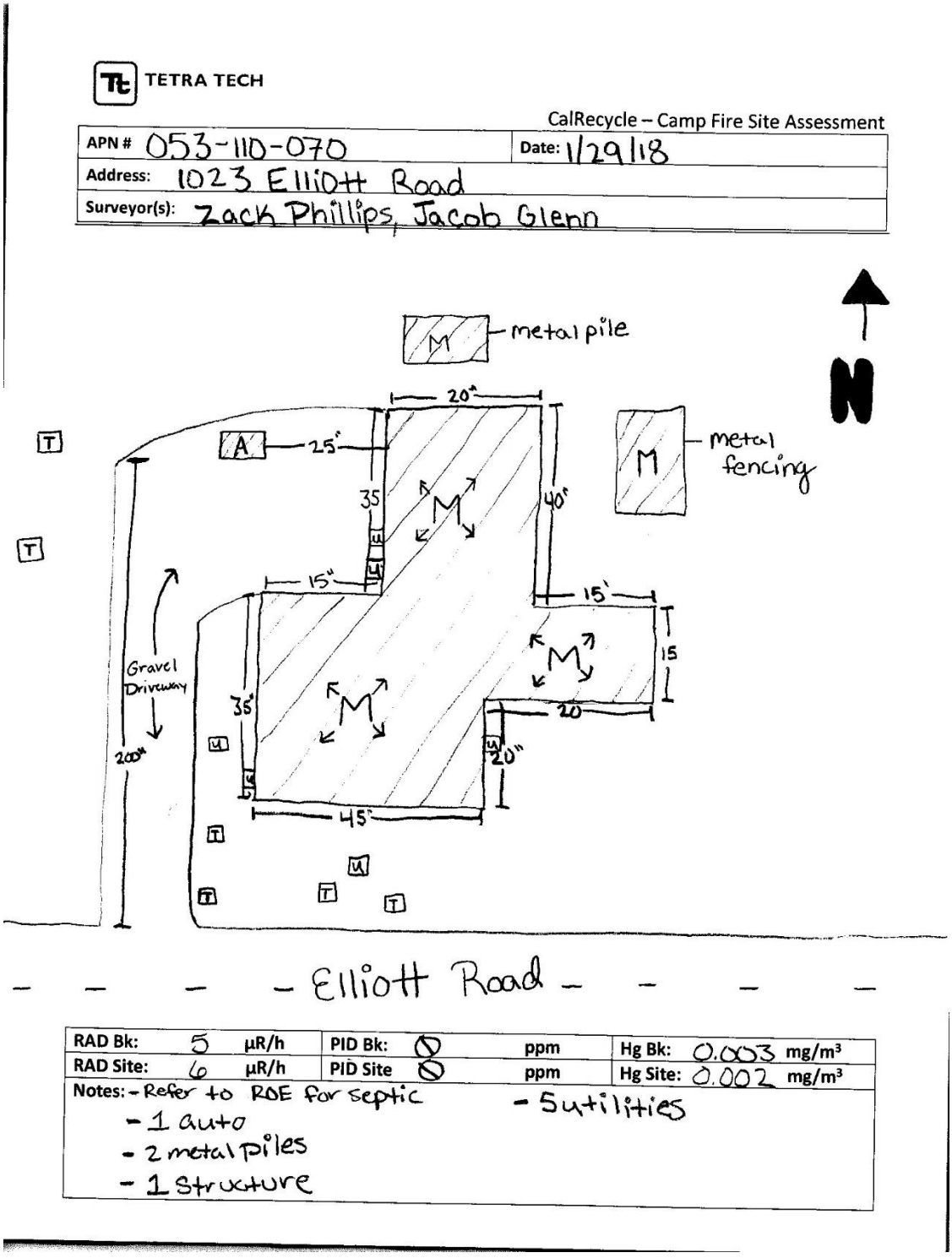
Parcel # 053-110-070

Parcel Location – Aerial Imagery



***Imagery provided is based on California parcel data overlaid against ESRI base map imagery. This should not be used as a lone dataset without referencing against County data, visual data, and other available datasets to identify parcel boundaries**.

Site Survey Sketch 1



Site Survey Sketch Key

Diagram Key

- A — Automobile
- C — Chimney
- H — HHW (Household hazardous waste, paint cans with lids)
- M — Metal
- Y — Motorcycle
- PL — Propane large (used to power house, etc.)
- PS — Propane small (grills)
- Pool/Spa (draw in shape of pool or spa)
- R — Recreational Vehicles (Motorhomes, ATV, 4-wheeler, golf cart, trailers etc.)
- S — Septic
- T — Tree removal recommended (hazard to crews, most likely need to be removed)
- V — Vessels (vessels with motors)
- U — Municipal water
- W — Well
- Retaining wall - concrete
- Retaining wall - rock/stone
- Ash footprint
- Foundation footprint
- Concrete areas (driveways, sidewalks, etc.)
- Dirt driveway

Driveway Photo



Property View From Front	
Structure	Primary Structure



Photo Description

Property View Left Side	
Structure	Primary Structure



Photo Description

Property View Back Side	
Structure	Primary Structure



Photo Description

Property View Right Side	
Structure	Primary Structure



Photo Description

Site Hazard	Automobile
Photo Direction	



Photo Description

Site Hazard	Metal
Photo Direction	



Photo Description

Site Hazard	Metal
Photo Direction	



Photo Description

Camp Fire Incident

Property Report | Butte County, California

Asbestos Survey Form

This iForm was created from the original handwritten survey form for this property. The original handwritten form is attached on the final page.

Camp Fire Incident

Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

Inspector(s): Shek Guha Jerome Faga

Structures: 1 # Samples: 7

Construction Materials:
[X] Wood [ ] Masonry [X] Concrete [X] Metal [ ] Unknown [ ] None
[ ] Other:

Foundation:
[ ] Slab [X] Subfloor [ ] Footings [ ] Unknown [ ] None
[ ] Other:

Floor:
[ ] Concrete [ ] Wood [ ] Dirt [X] Unknown [ ] None
[ ] Other:

Roofing:
[ ] Clay Tile [ ] Cementitious Shingle [X] Asphaltic Composite [ ] Metal [ ] Unknown [ ] None
[ ] Other:

Siding:
[ ] Wood [ ] Cementitious [ ] Panels [ ] Brick [ ] Concrete [ ] Stucco [ ] Vinyl [ ] Aluminum [ ] None
[X] Unknown [ ] Other:

Basement/Crawlspace: [X] No [ ] Yes

Furnace/Ducts: [ ] No [X] Yes No Suspect

Chimney(s): [X] No [ ] Yes how many? NESHAP Walls: [X] No [ ] Yes

Limitations: [X] No [ ] Yes Explain:

Structure(s)

Structure Type: House Structural Integrity: Destroyed Suspect Material: Yes

Suspect Material	SAMPLE #	SAMPLE ID	Material Location	Quantity (SF/LF)
Concrete	01	BFI-053-110-070-01	House Foundation	600(SF)
Cementitious Board	02	BFI-053-110-070-02	House Kitchen	400(SF)
Tile Bed and Grout	03	BFI-053-110-070-03	House Bathroom	200(SF)
Asphalt Shingle	04	BFI-053-110-070-04	House Throughout	1500(SF)
Drywall and Joint Compound	05	BFI-053-110-070-05	House Throughout	2000(SF)
Floor Tile	06	BFI-053-110-070-06	House Living Area	1200(SF)
Cementitious Siding	07	BFI-053-110-070-07	House Exterior	2200(SF)

This iForm was created from the original handwritten survey form for this property. The original handwritten form is attached on the final page.

Camp Fire Incident

Date of Inspection: 2/1/2019

Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

Materials Marked: [X] Yes [ ] No [ ] NA

Paint Color: Pink

OTHER NOTES ON THE PROPERTY:

This iForm was created from the original handwritten survey form for this property. The original handwritten form is attached on the final page.

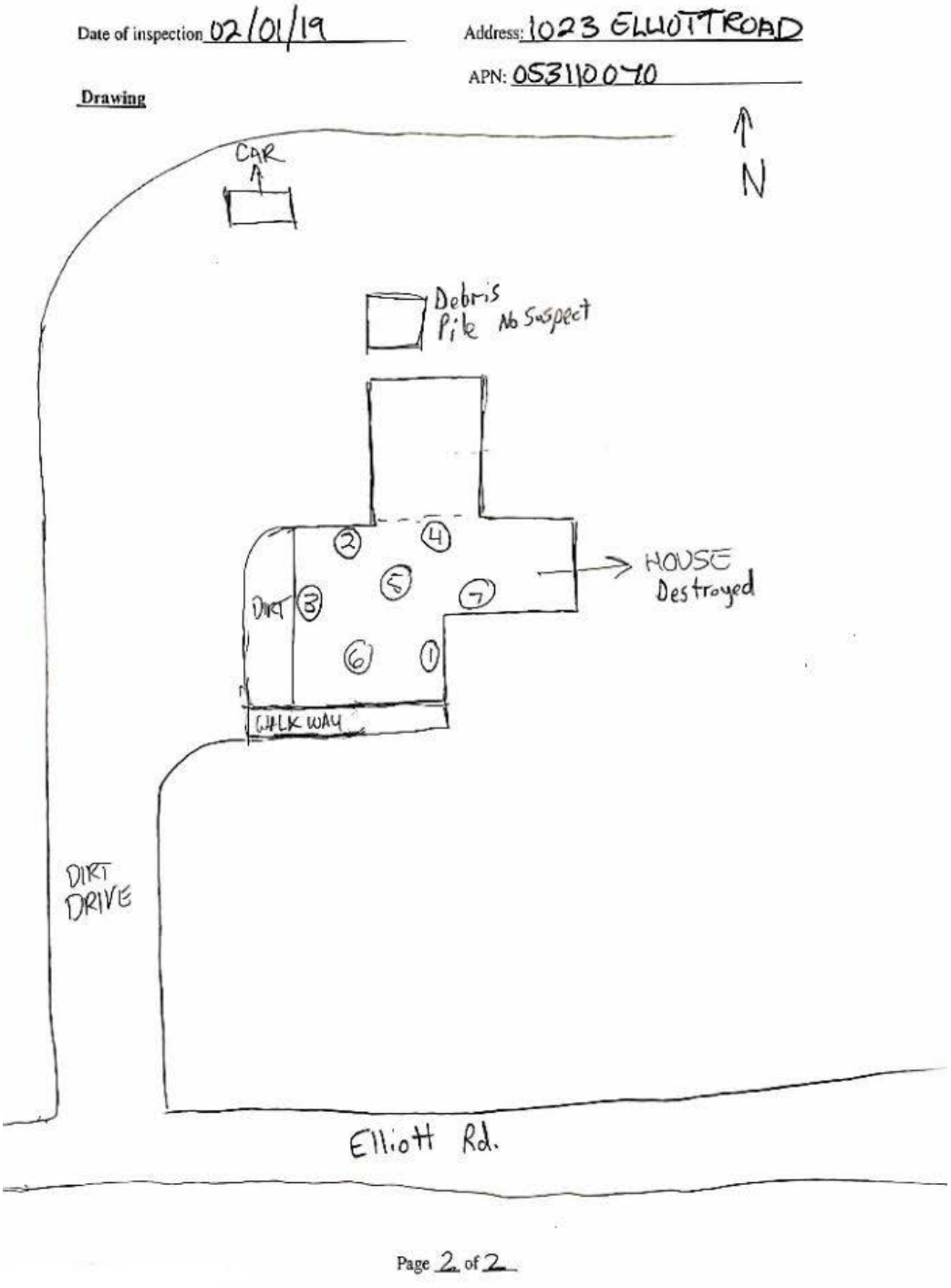
Camp Fire Incident

Date of Inspection: 2/1/2019

Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

Property Drawing:



Camp Fire Incident

Date of Inspection: 2/1/2019

Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

Property Overview Photo:



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Foundation - BFI-053-110-070-01

Suspect Material: Concrete



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Kitchen - BFI-053-110-070-02

Suspect Material: Cementitious Board



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Bathroom - BFI-053-110-070-03

Suspect Material: Tile Bed and Grout



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Throughout - BFI-053-110-070-04

Suspect Material: Asphalt Shingle



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Throughout - BFI-053-110-070-05

Suspect Material: Drywall and Joint Compound



Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

SAMPLE PHOTO: STRUCTURE 1 - House Living Area - BFI-053-110-070-06

Suspect Material: Floor Tile



This iForm was created from the original handwritten survey form for this property. The original handwritten form is attached on the final page.

Camp Fire Incident

Date of Inspection: 2/1/2019 Address: 1023 ELLIOTT RD PARADISE CA 95969

APN: 053-110-070

CAMP FIRE INCIDENT

Date of inspection 02/01/19 Address: 1023 ELLIOTT ROAD

APN: 053-110-070 Owner: JAUMILLEAP & GAIA SO

Inspectors: SHEK GUHA, JEROME FAGA # Structures: 1 HOUSE DESTROYED

Construction:
(Wood) - Masonry - (Concrete) - (Metal) - Other
Basement - Crawlspace - Other: _____ Roofing: SHINGLE
Slab on Grade (SubFloor) - Other: N/A Siding: N/A
FURNACE/ DUCTS: METAL DUCTS. NO INSULATION
CHIMNEY (s) (NO) YES how many? _____ **WALLs** (NO) YES how many? _____
LIMITATIONS?: (NO) YES **Explain:**

Suspect Material	SAMPLE #	Material Location	Quantity (SF/LF	Photo
CONCRETE	1	FOUNDATION ALL AREA	600	✓
CEMENTITIOUS BOARD	2	KITCHEN AREA	400	✓
CERAMIC WALL TILE & GROUT	3	BATH ROOM	200	✓
ROOF SHINGLE	4	GARAGE & MAIN BLD	1500	✓
DRY WALL JT. COMP	5	MAIN BLDG	2000	✓
FLOOR TILE	6	LIVING AREA	1200	✓
CEMENTITIOUS SIDING	7	ALL AREAS WAGES HOUSE NO	2800	✓

Materials Marked: (Yes) - No - NA **Paint Color:** PINK.
OTHER NOTES ON THE PROPERTY:

Page 1 of 2

Camp Fire Incident

Property Report | Butte County, California

Asbestos Survey Results

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February 5, 2019

Tetra Tech
2969 Prospect Park Drive Ste 100
Rancho Cordova, CA 95670

CLIENT PROJECT: Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053 -110-070, 1023 Elliot Rd
CEI LAB CODE: B190736

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 4, 2019. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Tetra Tech

CLIENT PROJECT:	Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053-110-070, 1023 Elliot Rd
LAB CODE:	B190736
TEST METHOD:	EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020
REPORT DATE:	02/05/19
TOTAL SAMPLES ANALYZED:	7
# SAMPLES >1% ASBESTOS:	1

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053-110-070, 1023 Elliot Rd

LAB CODE: B190736

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
BFI-053110070-01		B11217	Gray	Concrete	None Detected
BFI-053110070-02		B11218	Gray	Cement Board	None Detected
BFI-053110070-03	Layer 1	B11219	White	Ceramic Wall Tile	None Detected
	Layer 2	B11219	Off-white	Grout	None Detected
BFI-053110070-04		B11220	White	Roof Shingle	None Detected
BFI-053110070-05		B11221	Gray,White	Drywall/Joint Compound	None Detected
BFI-053110070-06		B11222	Beige	Floor Tile	None Detected
BFI-053110070-07		B11223	Gray	Cement Board	Chrysotile 15%

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Tetra Tech
2969 Prospect Park Drive Ste 100
Rancho Cordova, CA 95670

Lab Code: B190736
Date Received: 02-04-19
Date Analyzed: 02-05-19
Date Reported: 02-05-19

Project: Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053-110-070, 1023 Elliot Rd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
BFI-053110070-01 B11217	Concrete	Heterogeneous Gray Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
BFI-053110070-02 B11218	Cement Board	Heterogeneous Gray Non-fibrous Bound			40% 60%	Silicates Binder	None Detected
BFI-053110070-03 Layer 1 B11219	Ceramic Wall Tile	Heterogeneous White Non-fibrous Bound			100%	Binder	None Detected
Layer 2 B11219	Grout	Heterogeneous Off-white Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
BFI-053110070-04 B11220	Roof Shingle	Heterogeneous White Fibrous Bound	55%	Fiberglass	35% 10%	Binder Gravel	None Detected
BFI-053110070-05 B11221	Drywall/Joint Compound	Heterogeneous Gray,White Non-fibrous Bound	5%	Cellulose	55% 25% 15%	Binder Caulk Silicates	None Detected
BFI-053110070-06 B11222	Floor Tile	Heterogeneous Beige Non-fibrous Bound			90% 10%	Binder Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Tetra Tech
2969 Prospect Park Drive Ste 100
Rancho Cordova, CA 95670

Lab Code: B190736
Date Received: 02-04-19
Date Analyzed: 02-05-19
Date Reported: 02-05-19

Project: Camp/Paradise Fire 105S007003, Butte Fire Incident APN 053-110-070, 1023 Elliot Rd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	 Non-Fibrous	ASBESTOS %
BFI-053110070-07 B11223	Cement Board	Heterogeneous Gray Non-fibrous Bound	85%	Binder	**15% Chrysotile**

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LEGEND:
Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID, location, volume and area as well as date and time of sampling.

ANALYST: Candace Burrus

APPROVED BY: Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

MicroTest™ Laboratories
5150 Sunrise Boulevard, Suite B-1, Fair Oaks, CA 95628
PH 916.567.9808/800.713.3334 | FX 916.436.3603
www.microtestlabsinc.com | microtestlabsinc@yahoo.com

for office use only
Accession Numbers (7)
B190736
B11217 - B11223

CLIENT INFORMATION

Company	Tetra Tech
Sampler	SHEK GUHA
Address	2969 Prospect Park Dr., Ste 100
	Rancho Cordova, CA 95670
Phone	916-997-8085
Email	lona.pearson@tetratech.com

SAMPLE
Date 2/1/2019,
Time

MicroTest Laboratories
Chain-Of-Custody

JOB SITE INFORMATION

Site (APN)	053-110-070
Address	1023 ELLIOT RD.
Name	Camp/Paradise Fire
Job #	105S007003
PO #	

TURN AROUND	ASBESTOS	LEAD	MICROBIOLOGICAL	
___ Rush	X PLM*	___ Paint Chip	___ Spore Trap	___ Sewage Screen
___ Same Day	___ TTFP*	___ Wipe	___ DP-Tape	___ HPC*
X 24-Hour	___ 400 Pt. Ct.	___ Air	___ DP-Swab	___ HPC* with ID
___ 2-Day	___ 1000 Pt. Ct.	___ Soil	___ DP-Bulk	___ Other
___ 3-Day	___ PCM*	___ TTLC*/STLC*	___ Andersen	
___ 7-Day	___ TEM*	___ TCLP*		

Sample Number	Sample ID	Location	Description
1	BFI-053110070-1	FOUNDATION ALL AROUND	CONCRETE.
2	-2	KITCHEN AREA.	CEMENT BOARD
3	-3	BATH ROOM	CERAMIC WALL TILE & FLOOR
4	-4	GARAGE AND MAIN BLDG.	ROOF SHINGLE
5	-5	MAIN BLDG.	DRYWALL JOINT COMP.
6	-6	LIVING AREA.	FLOOR TILE
7	-7	WHOLE HOUSE ALL AROUND	CEMENTATIOUS SIDING

Issues please call Lona Pearson 916.997.8085. Email results to: Lona.pearson@tetratech.com; Andre.baker@tetratech.com;
Special Instructions: Trina.Wetters@tetratech.com; Chris.burns@tetratech.com (Stop on 1st positive as applicable per HA)

Relinquished by (Client)	Date/Time
SHEK GUHA	2/1/19
Received By (Lab)	**Date/Time**
	2/4 8:50

Relinquished by (Lab)	Date/Time
Received By (Client)	**Date/Time**

Total Number of Samples 7
COC Page # 1 of 1

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phas
Contrast Microscopy | TEM* Transmission Electron Microscopy | *TTLC** Tot
Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentratio
TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotophic Plate*

EUROFINS CEI, INC
SAMPLES ACCEPTED

Camp Fire Incident

Property Report | Butte County, California

Asbestos Abatement Clearance

*Document amended for readability

Camp Fire Daily Asbestos Abatement Clearance Form

Start Date of Abatement 3/4/19 End Date of Abatement 3/4/19

APN: 053-110-070 Address 1023 ELLIOTT ROAD

Task Force Leader SHAWNTAVIA SMITH B229571 Contractor CAL INC, ECC 806410

Date of Abatement for Specific Material	Asbestos Containing Material Abated	Unit Count Bags/Cubic yards	Completely Abated Yes/No	Initials of CAC/SST
Date of Abatement for specific material	Asbestos Containing Material Abated	Unit Count Bags/Cubic yards	Completely Abated Yes/No	Initials of CAC/SST
3/4/19	GREY Cement Board #7 CEMENTATIOUS SIDING	13 BAGS 1 CY	Yes	MV

Other suspect material uncovered during abatement Yes or No If so what and how much Lf or SF was it abated or sampled for rush analysis

Clear for debris removal (YES) **NO**

Final Completion Inspector Signature [signature]

Task Force Leader Signature [signature]

OTHER NOTES ON THE PROPERTY:
Approx 20 lb Button Bed Plaster removed/Abated. MV

Camp Fire Incident

Property Report | Butte County, California

Cleanup Goals Screening Table

Camp Fire Incident

Cleanup Goals Screening Table

APN: 053-110-070
1023 ELLIOTT RD
PARADISE CA 95969

SDG #: 1922026
Lab Name: BC Laboratories

Metals (mg/kg)

Sample ID	Sample Date	Antimony [i]	Arsenic	Barium	Beryllium	Cadmium [i]	Chromium	Cobalt	Copper	Lead	Mercury [i]	Molybdenum	Nickel	Selenium	Silver [i]	Thallium [h]	Vanadium	Zinc
Background[a]		0.46	7.7	360	1.0	0.32	200	36	77	54	0.18	1.1	130	4.5	0.28	1.2	220	120
Hazardous Waste TTLC Limit[b]		500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
US EPA RSL[c]		31	0.7	15,000	160	71	120,000	23	3,100	400	11	390	1,500	390	390	0.8	390	23,000
CalEPA CHHSL[d]		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0	NA	NA
DTSC HERO[e]		-	0.07	-	15	5.2	36,000	-	-	80	1	-	490	-	390	-	390	-
TVP Area Cleanup Goal[f]		**31**	**7.7**	**9,999**	**15**	**5.2**	**2,499**	**36**	**2,499**	**80**	**1.0**	**390**	**490**	**99**	**390**	**5.0**	**390**	**4,999**
Lab Margin of Error Applied[g]		**37**	**9.2**	**9,999**	**18**	**6.2**	**2,499**	**43**	**2,499**	**80**	**1.2**	**468**	**588**	**99**	**468**	**6.0**	**468**	**4,999**
BFI-053-110-070-A1	7/3/19	0.45 J	5.3	170	0.68 J	0.62 U	97	15	58	28	0.25 U	0.89 J	51	0.92 J	0.33 J	0.24 J	160	130
BFI-053-110-070-A2	7/3/19	0.48 J	3.9	190	0.7 J	0.62 U	100	16	61	25	0.25 U	1 J	53	2.5 U	0.26 J	0.25 J	160	100
BFI-053-110-070-A3	7/3/19	2.5 U	3.2	160	1.2 U	0.62 U	97	14	47	19	0.25 U	0.56 J	36	2.5 U	0.26 J	1.2 U	160	73 J+
BFI-053-110-070-A4	7/3/19	0.41 J	2.8	190	1.2 U	0.62 U	94	14	49	21	0.18 J	0.62 J	36	2.5 U	0.3 J	1.2 U	160	66
BFI-053-110-070-A5	7/3/19	2.5 U	3.3	140	1.2 U	0.62 U	99	13	47	16	0.25 U	0.81 J	35	1.2 J	0.29 J	1.2 U	170	62
BFI-053-110-070-B1	7/3/19	1.3 J	5.5	210	1.2 U	0.62 U	100	16	70	70	0.16 J	1.4	45	0.58 J	0.27 J	1.2 U	170	260

Camp Fire Incident

Cleanup Goals Screening Table

Notes:

NA Not applicable, per Note f below

- None listed

a Background levels calculated based on 95th upper tolerance level with 95 percent coverage of data, except as noted.

b Total Threshold Limit Concentration (TTLC), California Code of Regulations, Title 22, Chapter 11, Article 3. Screens set 1 mg/kg below TTLC value.

c U.S. Environmental Protection Agency, Risk-Based Screening Levels (RSL), November 2018.

d California Environmental Protection Agency, Revised California Human Health Screening Levels (CHHSL).

e California Department of Toxic Substances Control (DTSC), Office of Human Health and Ecological Risk (HERO) Human Health Risk Assessment (HHRA) Note Number: 3, DTSC-Modified Screening Levels. June 2018.

f The cleanup goal is the lower of the TTLC, EPA RSL and DTSC HERO levels unless the background concentration is higher than the screeing level . If the background concentration is higher than the screening levels, the background concentration is selected as the cleanup goal. The laboratory practical quantitation limit (PQL) for thallium is 1.0 mg/kg, which renders low confidence in achieving the EPA RSL of 0.8 mg/kg. CalRecycle selected the CHHSL of 5.0 mg/kg for thallium as a result of laboratory technical limitations and based on past fire incident experience. CHHSLs for other chemicals have been superseded by the updated DTSC HERO or EPA RSL levels , and were not considered.

g A 20% laboratory margin of error is applied to all cleanup goals except for lead and those based on TTLC concentrations .

h Not detected; background set to the highest detection limit.

i Background statistics were not calculated if fewer than four detected results; therefore, the background level is set to the maximum detected concentration.

Arsenic was detected up to 46 mg/kg; however, the sample was removed from the statistics as an outlier.
Cadmium was detected at 6.0 mg/kg; however, the sample was removed from the statistics as an outlier.
Cobalt was detected above the background level up to 48 mg/kg.
Lead was detected above the background level up to 110 mg/kg.
Nickel was detected up to 1,300 mg/kg; however, the sample was removed from the statistics as an outlier.

Camp Fire Incident

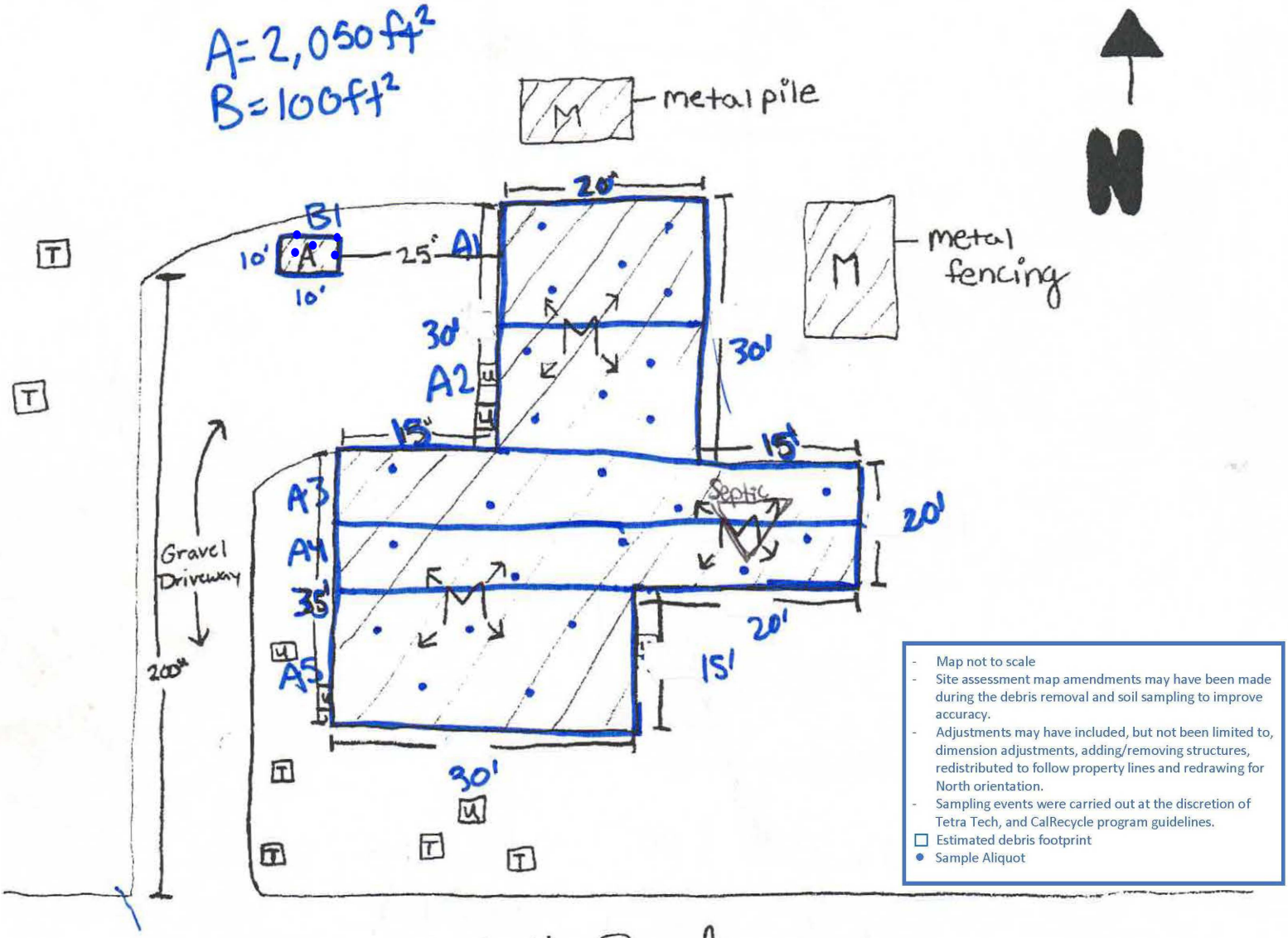
Property Report | Butte County, California

Soil Sampling Map

TETRA TECH

CalRecycle – Camp Fire Site Assessment

APN # 053-110-070	Date: 1/29/18
Address: 1023 Elliott Road	
Surveyor(s): Zack Phillips, Jacob Glenn	



Elliott Road

RAD Bk:	5	µR/h	PID Bk:	⊘	ppm	Hg Bk:	0.003 mg/m³
RAD Site:	6	µR/h	PID Site	⊘	ppm	Hg Site:	0.002 mg/m³

Notes: - Refer to ROE for septic - 5 utilities
- 1 auto
- 2 metal piles
- 1 structure

Camp Fire Incident

Property Report | Butte County, California

Laboratory Report **and**
Data Validation Checklist

Date of Report: 07/15/2019

Susan Gallagher

Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Client Project:	053-110-070 (1023 ELLIOTT RD PARADISE CA 95969)
BCL Project:	Camp Fire
BCL Work Order:	1922026
Invoice ID:	B346983

Enclosed are the results of analyses for samples received by the laboratory on 7/9/2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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CHAIN OF CUSTODY RECORD

Camp Fire Incident
Location: Butte County, CA

No: 19-220260 **RUSH!**

AET ☐ BSK ☐ Pace ☐
Alpha ☐ EMAX ☐ Test America ☐
ALS ☐ Enthalpy ☐ ☐
BC ☑ Eurofins ☐ ☐

Report to Contact Name: Susan Gallagher			**Bill To Company:** Tetra Tech, Inc.		
Company Name: Tetra Tech			**Attention:** Accounts Payable		
Street: 1 S Wacker Drive, 37th Floor			**Street:** 1 S Wacker Drive, 37th Floor		
City: Chicago	**State:** IL	**Zip Code:** 60606	**City:** Chicago	**State:** IL	**Zip Code:** 60606
Phone: (360) 728-2141	**Fax:**		**Phone:** (312) 201-7700	**Fax:**	
Project Name: Camp Fire	**Email Results To:** Susan.Gallagher@tetratech.com		**US State where Samples Collected:** CA		
Number of Samples: 6	**Date Shipped:** 7/8/2019	**Purchase Order:**	**Sampled By:** Team01_Jackson Esparza, Joe Romero		

Lab #	Sample #	Collected	Sample Time	Containers	Location	Analysis	Matrix	TAT
-1	BFI-053-110-070-A1	7/3/2019	13:30:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-2	BFI-053-110-070-A2	7/3/2019	13:35:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-3	BFI-053-110-070-A3	7/3/2019	13:40:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-4	BFI-053-110-070-A4	7/3/2019	13:45:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-5	BFI-053-110-070-A5	7/3/2019	13:50:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-6	BFI-053-110-070-B1	7/3/2019	13:55:00	1	1023 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr

CHK BY
DISTRIBUTION
SUB OUT ☐

Special Instructions: Level II data package requested. CAM-17 List (Ag, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo, Ni, Pb, Sb, Se, Tl, V, Zn)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	FT	7/3/19 1700	BC LABS	7/8/19 12:00	GOOD
				7.9.19 09:00	

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Chain of Custody and Cooler Receipt Form for 1922026 Page 2 of 2

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of

Submission #: 19-22026

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☐ Other ☐ (Specify) GSO	Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify)	YES ☐ NO ☐ W / S

Refrigerant: Ice ☐ Blue Ice ☐ None ☒ Other ☐ Comments: NO Ice.

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .98 Container: Glass Thermometer ID: 274 VWR 7/19 Date/Time: 7.9.19

Temperature: (A) 19.3 °C / (C) 19.0 °C Analyst Init: JB 09.00

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 505/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR X10 4oz	A	A	A	A	A	A				
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: JHH Date/Time: 7-9-19 11:30

A = Actual / C = Corrected

Rev-21 05/23/2016

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1922026-01	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:30
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A1	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-02	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:35
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A2	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-03	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:40
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A3	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-04	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:45
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A4	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-05	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:50
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-A5	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil
1922026-06	**COC Number:**	---	**Receive Date:**	07/09/2019 09:00
	Project Number:	---	**Sampling Date:**	07/03/2019 13:55
	Sampling Location:	053-110-070	**Sample Depth:**	---
	Sampling Point:	BFI-053-110-070-B1	**Lab Matrix:**	Solids
	Sampled By:	Team01_Jackson Esparza, Joe Romero	**Sample Type:**	Soil

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-01 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A1, 7/3/2019 1:30:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	0.45 (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	J,A07	1
Arsenic	**5.3 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**170 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	**0.68 (AR)**	**mg/kg**	**1.2 (AR)**	**0.20 (AR)**	**EPA-6020**	75	**J,A07**	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**97 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**15 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**58 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**28 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	ND (AR)	mg/kg	0.25 (AR)	0.10 (AR)	EPA-6020A	20	A07	2
Molybdenum	**0.89 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**J,A07**	1
Nickel	**51 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	0.92 (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	J,A07	1
Silver	0.33 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	1
Thallium	0.24 (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	J,A07	1
Vanadium	**160 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**130 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/09/19 18:25	07/10/19 15:22	AS1	PE-EL2	4.587	B050520
2	EPA-6020A	07/09/19 18:25	07/10/19 15:22	AS1	PE-EL2	4.587	B050520

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-02 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A2, 7/3/2019 1:35:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	0.48 (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	J,A07	1
Arsenic	**3.9 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**190 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	**0.70 (AR)**	**mg/kg**	**1.2 (AR)**	**0.20 (AR)**	**EPA-6020**	75	**J,A07**	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**100 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**16 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**61 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**25 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	ND (AR)	mg/kg	0.25 (AR)	0.10 (AR)	EPA-6020A	20	A07	2
Molybdenum	**1.0 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**J,A07**	1
Nickel	**53 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	ND (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	A07	1
Silver	0.26 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	1
Thallium	0.25 (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	J,A07	1
Vanadium	**160 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**100 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/09/19 18:25	07/10/19 15:09	AS1	PE-EL2	4.630	B050520
2	EPA-6020A	07/09/19 18:25	07/10/19 15:09	AS1	PE-EL2	4.630	B050520

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-03 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A3, 7/3/2019 1:40:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	A07	1
Arsenic	**3.2 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**160 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	ND (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	A07	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**97 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**14 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**47 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**19 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	ND (AR)	mg/kg	0.25 (AR)	0.10 (AR)	EPA-6020A	20	A07	2
Molybdenum	0.56 (AR)	mg/kg	1.2 (AR)	0.22 (AR)	EPA-6020	3500	J,A07	1
Nickel	**36 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	ND (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	A07	1
Silver	0.26 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	3
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**160 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**73 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/11/19 12:00	07/11/19 22:49	ARD	PE-EL2	5	B050855
2	EPA-6020A	07/11/19 12:00	07/11/19 22:49	ARD	PE-EL2	5	B050855
3	EPA-6020	07/11/19 15:15	07/13/19 18:15	AS1	PE-EL2	5	B050966

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-04 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A4, 7/3/2019 1:45:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	0.41 (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	J,A07	1
Arsenic	**2.8 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**190 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	ND (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	A07	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**94 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**14 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**49 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**21 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	**0.18 (AR)**	**mg/kg**	**0.25 (AR)**	**0.10 (AR)**	**EPA-6020A**	20	**J,A07**	2
Molybdenum	0.62 (AR)	mg/kg	1.2 (AR)	0.22 (AR)	EPA-6020	3500	J,A07	1
Nickel	**36 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	ND (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	A07	1
Silver	0.30 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	3
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**160 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**66 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/11/19 12:00	07/11/19 23:05	ARD	PE-EL2	4.902	B050855
2	EPA-6020A	07/11/19 12:00	07/11/19 23:05	ARD	PE-EL2	4.902	B050855
3	EPA-6020	07/11/19 15:15	07/13/19 18:34	AS1	PE-EL2	5	B050966

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-05 | **Client Sample Name:** 053-110-070, BFI-053-110-070-A5, 7/3/2019 1:50:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	A07	1
Arsenic	**3.3 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**140 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	ND (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	A07	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**99 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**13 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**47 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**16 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	ND (AR)	mg/kg	0.25 (AR)	0.10 (AR)	EPA-6020A	20	A07	2
Molybdenum	**0.81 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**J,A07**	1
Nickel	**35 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	**1.2 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	100	**J,A07**	1
Silver	0.29 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	3
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**170 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**62 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/11/19 12:00	07/11/19 23:06	ARD	PE-EL2	4.902	B050855
2	EPA-6020A	07/11/19 12:00	07/11/19 23:06	ARD	PE-EL2	4.902	B050855
3	EPA-6020	07/11/19 15:15	07/13/19 18:35	AS1	PE-EL2	4.630	B050966

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1922026-06 | **Client Sample Name:** 053-110-070, BFI-053-110-070-B1, 7/3/2019 1:55:00PM, Team01_Jackson Esparza, Joe Romero

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	**1.3 (AR)**	**mg/kg**	**2.5 (AR)**	**0.40 (AR)**	**EPA-6020**	500	**J,A07**	1
Arsenic	**5.5 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**210 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	ND (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	A07	1
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**100 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**16 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**70 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**70 (AR)**	**mg/kg**	**1.2 (AR)**	**0.60 (AR)**	**EPA-6020**	1000	**A07**	1
Mercury	**0.16 (AR)**	**mg/kg**	**0.25 (AR)**	**0.10 (AR)**	**EPA-6020A**	20	**J,A07**	2
Molybdenum	**1.4 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**A07**	1
Nickel	**45 (AR)**	**mg/kg**	**2.5 (AR)**	**0.55 (AR)**	**EPA-6020**	2000	**A07**	1
Selenium	0.58 (AR)	mg/kg	2.5 (AR)	0.55 (AR)	EPA-6020	100	J,A07	1
Silver	0.27 (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	J,A07	3
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**170 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**260 (AR)**	**mg/kg**	**12 (AR)**	**2.5 (AR)**	**EPA-6020**	5000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6020	07/11/19 12:00	07/11/19 23:08	ARD	PE-EL2	4.854	B050855
2	EPA-6020A	07/11/19 12:00	07/11/19 23:08	ARD	PE-EL2	4.854	B050855
3	EPA-6020	07/11/19 15:15	07/13/19 18:37	AS1	PE-EL2	4.950	B050966

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B050520						
Antimony	B050520-BLK1	ND	mg/kg	0.50	0.080	
Arsenic	B050520-BLK1	ND	mg/kg	0.50	0.17	
Barium	B050520-BLK1	ND	mg/kg	0.25	0.054	
Beryllium	B050520-BLK1	ND	mg/kg	0.25	0.041	
Cadmium	B050520-BLK1	ND	mg/kg	0.12	0.048	
Chromium	B050520-BLK1	ND	mg/kg	0.75	0.25	
Cobalt	B050520-BLK1	ND	mg/kg	0.25	0.049	
Copper	B050520-BLK1	ND	mg/kg	0.50	0.099	
Lead	B050520-BLK1	ND	mg/kg	0.25	0.12	
Mercury	B050520-BLK1	ND	mg/kg	0.050	0.021	
Molybdenum	B050520-BLK1	ND	mg/kg	0.25	0.045	
Nickel	B050520-BLK1	ND	mg/kg	0.50	0.11	
Selenium	B050520-BLK1	ND	mg/kg	0.50	0.11	
Silver	B050520-BLK1	ND	mg/kg	0.25	0.051	
Thallium	B050520-BLK1	ND	mg/kg	0.25	0.049	
Vanadium	B050520-BLK1	ND	mg/kg	0.75	0.27	
Zinc	**B050520-BLK1**	**0.96475**	**mg/kg**	**2.5**	**0.50**	**J**
QC Batch ID: B050855						
Antimony	B050855-BLK1	ND	mg/kg	0.50	0.080	
Arsenic	B050855-BLK1	ND	mg/kg	0.50	0.17	
Barium	**B050855-BLK1**	**0.094500**	**mg/kg**	**0.25**	**0.054**	**J**
Beryllium	**B050855-BLK1**	**0.049500**	**mg/kg**	**0.25**	**0.041**	**J**
Cadmium	B050855-BLK1	ND	mg/kg	0.12	0.048	
Chromium	B050855-BLK1	ND	mg/kg	0.75	0.25	
Cobalt	B050855-BLK1	ND	mg/kg	0.25	0.049	
Copper	B050855-BLK1	ND	mg/kg	0.50	0.099	
Lead	**B050855-BLK1**	**0.17675**	**mg/kg**	**0.25**	**0.12**	**J**
Mercury	B050855-BLK1	ND	mg/kg	0.050	0.021	
Molybdenum	B050855-BLK1	ND	mg/kg	0.25	0.045	
Nickel	**B050855-BLK1**	**0.15375**	**mg/kg**	**0.50**	**0.11**	**J**
Selenium	B050855-BLK1	ND	mg/kg	0.50	0.11	
Thallium	B050855-BLK1	ND	mg/kg	0.25	0.049	
Vanadium	B050855-BLK1	ND	mg/kg	0.75	0.27	

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Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B050855						
Zinc	B050855-BLK1	ND	mg/kg	2.5	0.50	
QC Batch ID: B050966						
Silver	B050966-BLK1	ND	mg/kg	0.25	0.051	

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1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B050520										
Antimony	B050520-BS1	LCS	10.226	10.000	mg/kg	102		75 - 125		
Arsenic	B050520-BS1	LCS	26.371	25.000	mg/kg	105		75 - 125		
Barium	B050520-BS1	LCS	9.9990	10.000	mg/kg	100		75 - 125		
Beryllium	B050520-BS1	LCS	11.074	10.000	mg/kg	111		75 - 125		
Cadmium	B050520-BS1	LCS	10.069	10.000	mg/kg	101		75 - 125		
Chromium	B050520-BS1	LCS	10.309	10.000	mg/kg	103		75 - 125		
Cobalt	B050520-BS1	LCS	10.463	10.000	mg/kg	105		75 - 125		
Copper	B050520-BS1	LCS	26.645	25.000	mg/kg	107		75 - 125		
Lead	B050520-BS1	LCS	26.190	25.000	mg/kg	105		75 - 125		
Mercury	B050520-BS1	LCS	4.1742	4.0000	mg/kg	104		75 - 125		
Molybdenum	B050520-BS1	LCS	9.9070	10.000	mg/kg	99.1		75 - 125		
Nickel	B050520-BS1	LCS	26.326	25.000	mg/kg	105		75 - 125		
Selenium	B050520-BS1	LCS	26.133	25.000	mg/kg	105		75 - 125		
Silver	B050520-BS1	LCS	10.481	10.000	mg/kg	105		75 - 125		
Thallium	B050520-BS1	LCS	10.330	10.000	mg/kg	103		75 - 125		
Vanadium	B050520-BS1	LCS	10.251	10.000	mg/kg	103		75 - 125		
Zinc	B050520-BS1	LCS	28.998	25.000	mg/kg	116		75 - 125		
QC Batch ID: B050855										
Antimony	B050855-BS1	LCS	8.6902	10.000	mg/kg	86.9		75 - 125		
Arsenic	B050855-BS1	LCS	22.210	25.000	mg/kg	88.8		75 - 125		
Barium	B050855-BS1	LCS	8.9078	10.000	mg/kg	89.1		75 - 125		
Beryllium	B050855-BS1	LCS	8.7950	10.000	mg/kg	88.0		75 - 125		
Cadmium	B050855-BS1	LCS	8.9990	10.000	mg/kg	90.0		75 - 125		
Chromium	B050855-BS1	LCS	8.9798	10.000	mg/kg	89.8		75 - 125		
Cobalt	B050855-BS1	LCS	8.9232	10.000	mg/kg	89.2		75 - 125		
Copper	B050855-BS1	LCS	22.744	25.000	mg/kg	91.0		75 - 125		
Lead	B050855-BS1	LCS	22.583	25.000	mg/kg	90.3		75 - 125		
Mercury	B050855-BS1	LCS	3.5278	4.0000	mg/kg	88.2		75 - 125		
Molybdenum	B050855-BS1	LCS	8.6012	10.000	mg/kg	86.0		75 - 125		
Nickel	B050855-BS1	LCS	21.438	25.000	mg/kg	85.8		75 - 125		
Selenium	B050855-BS1	LCS	23.194	25.000	mg/kg	92.8		75 - 125		
Thallium	B050855-BS1	LCS	8.8798	10.000	mg/kg	88.8		75 - 125		
Vanadium	B050855-BS1	LCS	8.4065	10.000	mg/kg	84.1		75 - 125		

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B050855										
Zinc	B050855-BS1	LCS	23.107	25.000	mg/kg	92.4		75 - 125		
QC Batch ID: B050966										
Silver	B050966-BS1	LCS	9.7382	10.000	mg/kg	97.4		75 - 125		

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Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B050520	Used client sample: N										
Antimony	DUP	**1922023-03**	**0.47500**	**0.62125**		**mg/kg**	**26.7**		**20**		**J,A02**
	MS	**1922023-03**	**0.47500**	**11.718**	**20.000**	**mg/kg**		**56.2**		**16 - 119**	
	MSD	**1922023-03**	**0.47500**	**11.645**	**20.000**	**mg/kg**	**0.6**	**55.8**	**20**	**16 - 119**	
Arsenic	DUP	1922023-03	4.6975	3.9575		mg/kg	17.1		20		
	MS	1922023-03	4.6975	47.894	50.000	mg/kg		86.4		75 - 125	
	MSD	1922023-03	4.6975	49.015	50.000	mg/kg	2.3	88.6	20	75 - 125	
Barium	DUP	**1922023-03**	**272.93**	**270.69**		**mg/kg**	**0.8**		**20**		
	MS	**1922023-03**	**272.93**	**302.33**	**20.000**	**mg/kg**		**147**		**75 - 125**	**A03**
	MSD	**1922023-03**	**272.93**	**300.54**	**20.000**	**mg/kg**	**0.6**	**138**	**20**	**75 - 125**	**A03**
Beryllium	DUP	**1922023-03**	**0.35000**	**0.49125**		**mg/kg**	**33.6**		**20**		**J,A02**
	MS	**1922023-03**	**0.35000**	**16.266**	**20.000**	**mg/kg**		**79.6**		**75 - 125**	
	MSD	**1922023-03**	**0.35000**	**17.121**	**20.000**	**mg/kg**	**5.1**	**83.9**	**20**	**75 - 125**	
Cadmium	DUP	1922023-03	ND	ND		mg/kg			20		
	MS	1922023-03	ND	19.312	20.000	mg/kg		96.6		75 - 125	
	MSD	1922023-03	ND	20.214	20.000	mg/kg	4.6	101	20	75 - 125	
Chromium	DUP	1922023-03	94.342	93.871		mg/kg	0.5		20		
	MS	1922023-03	94.342	115.17	20.000	mg/kg		104		75 - 125	
	MSD	1922023-03	94.342	114.47	20.000	mg/kg	0.6	101	20	75 - 125	
Cobalt	DUP	**1922023-03**	**17.969**	**16.742**		**mg/kg**	**7.1**		**20**		
	MS	**1922023-03**	**17.969**	**42.345**	**20.000**	**mg/kg**		**122**		**75 - 125**	
	MSD	**1922023-03**	**17.969**	**34.475**	**20.000**	**mg/kg**	**20.5**	**82.5**	**20**	**75 - 125**	**Q02**
Copper	DUP	1922023-03	52.068	53.884		mg/kg	3.4		20		
	MS	1922023-03	52.068	105.85	50.000	mg/kg		108		75 - 125	
	MSD	1922023-03	52.068	110.11	50.000	mg/kg	3.9	116	20	75 - 125	
Lead	DUP	1922023-03	20.661	18.408		mg/kg	11.5		20		
	MS	1922023-03	20.661	71.685	50.000	mg/kg		102		75 - 125	
	MSD	1922023-03	20.661	68.140	50.000	mg/kg	5.1	95.0	20	75 - 125	
Mercury	DUP	**1922023-03**	**0.10000**	**0.12875**		**mg/kg**	**25.1**		**20**		**J**
	MS	**1922023-03**	**0.10000**	**4.3312**	**4.0000**	**mg/kg**		**106**		**75 - 125**	
	MSD	**1922023-03**	**0.10000**	**4.4850**	**4.0000**	**mg/kg**	**3.5**	**110**	**20**	**75 - 125**	
Molybdenum	DUP	1922023-03	1.0012	1.1150		mg/kg	10.8		20		J
	MS	1922023-03	1.0012	17.886	20.000	mg/kg		84.4		75 - 125	
	MSD	1922023-03	1.0012	18.231	20.000	mg/kg	1.9	86.2	20	75 - 125	
Nickel	DUP	1922023-03	40.411	39.955		mg/kg	1.1		20		
	MS	1922023-03	40.411	82.986	50.000	mg/kg		85.2		75 - 125	
	MSD	1922023-03	40.411	82.162	50.000	mg/kg	1.0	83.5	20	75 - 125	
Selenium	DUP	1922023-03	1.2725	1.2138		mg/kg	4.7		20		J
	MS	1922023-03	1.2725	45.445	50.000	mg/kg		88.3		75 - 125	
	MSD	1922023-03	1.2725	46.260	50.000	mg/kg	1.8	90.0	20	75 - 125	

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B050520	Used client sample: N										
Silver	DUP	1922023-03	ND	ND		mg/kg			20		
	MS	1922023-03	ND	20.000	20.000	mg/kg		100		75 - 125	
	MSD	1922023-03	ND	20.588	20.000	mg/kg	2.9	103	20	75 - 125	
Thallium	DUP	1922023-03	ND	ND		mg/kg			20		
	MS	1922023-03	ND	20.204	20.000	mg/kg		101		75 - 125	
	MSD	1922023-03	ND	20.346	20.000	mg/kg	0.7	102	20	75 - 125	
Vanadium	DUP	1922023-03	167.48	169.01		mg/kg	0.9		20		
	MS	1922023-03	167.48	190.18	20.000	mg/kg		114		75 - 125	
	MSD	1922023-03	167.48	192.48	20.000	mg/kg	1.2	125	20	75 - 125	
Zinc	DUP	**1922023-03**	**140.22**	**110.16**		**mg/kg**	**24.0**		**20**		**Q01**
	MS	**1922023-03**	**140.22**	**170.48**	**50.000**	**mg/kg**		**60.5**		**75 - 125**	**Q03**
	MSD	**1922023-03**	**140.22**	**180.98**	**50.000**	**mg/kg**	**6.0**	**81.5**	**20**	**75 - 125**	
QC Batch ID: B050855	Used client sample: Y - Description: BFI-053-110-070-A3, 07/03/2019 13:40										
Antimony	DUP	922026-03RE1	ND	ND		mg/kg			20		
	MS	922026-03RE1	ND	12.920	20.000	mg/kg		64.6		16 - 119	
	MSD	922026-03RE1	ND	13.129	20.000	mg/kg	1.6	65.6	20	16 - 119	
Arsenic	DUP	922026-03RE1	3.2288	3.5475		mg/kg	9.4		20		
	MS	922026-03RE1	3.2288	46.289	50.000	mg/kg		86.1		75 - 125	
	MSD	922026-03RE1	3.2288	46.138	50.000	mg/kg	0.3	85.8	20	75 - 125	
Barium	DUP	**I922026-03RE1**	**155.30**	**166.19**		**mg/kg**	**6.8**		**20**		
	MS	**I922026-03RE1**	**155.30**	**184.76**	**20.000**	**mg/kg**		**147**		**75 - 125**	**A03**
	MSD	**I922026-03RE1**	**155.30**	**182.35**	**20.000**	**mg/kg**	**1.3**	**135**	**20**	**75 - 125**	**A03**
Beryllium	DUP	**I922026-03RE1**	**ND**	**ND**		**mg/kg**			**20**		
	MS	**I922026-03RE1**	**ND**	**15.459**	**20.000**	**mg/kg**		**77.3**		**75 - 125**	
	MSD	**I922026-03RE1**	**ND**	**19.165**	**20.000**	**mg/kg**	**21.4**	**95.8**	**20**	**75 - 125**	**Q02**
Cadmium	DUP	922026-03RE1	ND	ND		mg/kg			20		
	MS	922026-03RE1	ND	21.234	20.000	mg/kg		106		75 - 125	
	MSD	922026-03RE1	ND	20.545	20.000	mg/kg	3.3	103	20	75 - 125	
Chromium	DUP	922026-03RE1	96.805	101.92		mg/kg	5.1		20		
	MS	922026-03RE1	96.805	117.81	20.000	mg/kg		105		75 - 125	
	MSD	922026-03RE1	96.805	118.19	20.000	mg/kg	0.3	107	20	75 - 125	
Cobalt	DUP	922026-03RE1	13.611	14.306		mg/kg	5.0		20		
	MS	922026-03RE1	13.611	30.858	20.000	mg/kg		86.2		75 - 125	
	MSD	922026-03RE1	13.611	31.401	20.000	mg/kg	1.7	89.0	20	75 - 125	
Copper	DUP	922026-03RE1	47.356	50.145		mg/kg	5.7		20		
	MS	922026-03RE1	47.356	104.30	50.000	mg/kg		114		75 - 125	
	MSD	922026-03RE1	47.356	105.06	50.000	mg/kg	0.7	115	20	75 - 125	

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B050855	Used client sample: Y - Description: BFI-053-110-070-A3, 07/03/2019 13:40										
Lead	DUP	922026-03RE1	19.316	20.614		mg/kg	6.5		20		
	MS	922026-03RE1	19.316	72.008	50.000	mg/kg		105		75 - 125	
	MSD	922026-03RE1	19.316	70.802	50.000	mg/kg	1.7	103	20	75 - 125	
Mercury	DUP	922026-03RE1	ND	0.11375		mg/kg			20		J
	MS	922026-03RE1	ND	4.1062	4.0000	mg/kg		103		75 - 125	
	MSD	922026-03RE1	ND	4.5450	4.0000	mg/kg	10.1	114	20	75 - 125	
Molybdenum	DUP	922026-03RE1	0.56250	0.73125		mg/kg	26.1		20		J,A02
	MS	922026-03RE1	0.56250	17.761	20.000	mg/kg		86.0		75 - 125	
	MSD	922026-03RE1	0.56250	18.842	20.000	mg/kg	5.9	91.4	20	75 - 125	
Nickel	DUP	922026-03RE1	36.220	39.836		mg/kg	9.5		20		
	MS	922026-03RE1	36.220	80.562	50.000	mg/kg		88.7		75 - 125	
	MSD	922026-03RE1	36.220	82.981	50.000	mg/kg	3.0	93.5	20	75 - 125	
Selenium	DUP	922026-03RE1	ND	0.71375		mg/kg			20		J
	MS	922026-03RE1	ND	43.788	50.000	mg/kg		87.6		75 - 125	
	MSD	922026-03RE1	ND	44.000	50.000	mg/kg	0.5	88.0	20	75 - 125	
Thallium	DUP	922026-03RE1	ND	ND		mg/kg			20		
	MS	922026-03RE1	ND	19.874	20.000	mg/kg		99.4		75 - 125	
	MSD	922026-03RE1	ND	19.905	20.000	mg/kg	0.2	99.5	20	75 - 125	
Vanadium	DUP	922026-03RE1	160.35	165.56		mg/kg	3.2		20		
	MS	922026-03RE1	160.35	188.78	20.000	mg/kg		142		75 - 125	A03
	MSD	922026-03RE1	160.35	190.90	20.000	mg/kg	1.1	153	20	75 - 125	A03
Zinc	DUP	922026-03RE1	73.186	82.972		mg/kg	12.5		20		
	MS	922026-03RE1	73.186	148.50	50.000	mg/kg		151		75 - 125	Q03
	MSD	922026-03RE1	73.186	134.34	50.000	mg/kg	10.0	122	20	75 - 125	
QC Batch ID: B050966	Used client sample: Y - Description: BFI-053-110-070-A3, 07/03/2019 13:40										
Silver	DUP	922026-03RE2	0.26125	0.26250		mg/kg	0.5		20		J
	MS	922026-03RE2	0.26125	19.891	20.000	mg/kg		98.2		75 - 125	
	MSD	922026-03RE2	0.26125	19.718	20.000	mg/kg	0.9	97.3	20	75 - 125	

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/15/2019 12:29
Project: Camp Fire
Project Number: 053-110-070 (1023 ELLIOTT RD PARADISE CA 959
Project Manager: Susan Gallagher

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
A03	The sample concentration was more than 4 times the spike level.
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
Q01	Sample precision is not within the control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.

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DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Camp Fire Response	**Project No.**	103IS620603
Data Reviewer (signature and date)	Phillip Jarrett 11/14/19	**Laboratory/ Report No.**	BC Laboratories/1922026
Analyses	Metals by SW-846 Method 6020A		
Samples	BFI-053-110-070-A1, BFI-053-110-070-A2, BFI-053-110-070-A3, BFI-053-110-070-A4, BFI-053-110-070-A5, and BFI-053-110-070-B1		

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review* (January 2017) data validation guidance document, as well as the above referenced methods.

OVERALL EVALUATION:

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

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DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
N	B050520: zinc = 0.96475 mg/kg – no flag (associated results greater than ten times blank value) B050855 barium = 0.094500 mg/kg -- no flag (associated results greater than ten times blank value) beryllium = 0.049500 mg/kg – no flag (associated results non-detect) for BFI-053-110-070-A3, BFI-053-110-070-A4, BFI-053-110-070-A5, and BFI-053-110-070-B1; no flag (associated results greater than ten times blank value) for BFI-053-110-070-A1 and BFI-053-110-070-A2 lead = 0.17675 mg/kg -- no flag (associated results greater than ten times blank value) nickel = 0.15375 mg/kg -- no flag (associated results greater than ten times blank value)

MS/MSD:

Within Criteria	Exceedance/Notes
N	MS/MSDs performed on samples from other data packages were not evaluated. BFI-053-110-070-A3: %Rs out for barium and vanadium – no flag (parent result greater than four times spike concentration) High RPD for beryllium – no flag (sample result non-detect) High %R for zinc – flag "J+

Laboratory duplicates:

Within Criteria	Exceedance/Notes
N	Laboratory duplicates performed on samples in other data packages were not evaluated. BFI-053-110-070-A3: High RPD for molybdenum – flag "J"

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DATA VALIDATION CHECKLIST – STAGE 2A

Field triplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	4.587x: metals for BFI-053-110-070-A1 4.630x: metals for BFI-053-110-070-A2 4.630x: silver for BFI-053-110-070-A5 4.854x: metals except silver for BFI-053-110-070-B1 4.902x: metals except silver for BFI-053-110-070-A4 and BFI-053-110-070-A5 4.950x: silver for BFI-053-110-070-B1 5x: metals for BFI-053-110-070-A3 5x: silver for BFI-053-110-070-A4

Analyte quantitation and MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Results between the MDL and RL – flagged "J" by laboratory

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DATA VALIDATION CHECKLIST – STAGE 2A

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

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CAMP FIRE INCIDENT
BC LABORATORIES REPORT NO. 1922026

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-110-070-A1	Antimony	0.45	J,A07	0.4	2.5	mg/kg	0.45	J
BFI-053-110-070-A1	Arsenic	5.3	A07	0.85	2.5	mg/kg	5.3	
BFI-053-110-070-A1	Barium	170	A07	0.27	1.2	mg/kg	170	
BFI-053-110-070-A1	Beryllium	0.68	J,A07	0.2	1.2	mg/kg	0.68	J
BFI-053-110-070-A1	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A1	Chromium	97	A07	1.2	3.8	mg/kg	97	
BFI-053-110-070-A1	Cobalt	15	A07	0.24	1.2	mg/kg	15	
BFI-053-110-070-A1	Copper	58	A07	0.5	2.5	mg/kg	58	
BFI-053-110-070-A1	Lead	28	A07	0.6	1.2	mg/kg	28	
BFI-053-110-070-A1	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-110-070-A1	Molybdenum	0.89	J,A07	0.22	1.2	mg/kg	0.89	J
BFI-053-110-070-A1	Nickel	51	A07	0.55	2.5	mg/kg	51	
BFI-053-110-070-A1	Selenium	0.92	J,A07	0.55	2.5	mg/kg	0.92	J
BFI-053-110-070-A1	Silver	0.33	J,A07	0.26	1.2	mg/kg	0.33	J
BFI-053-110-070-A1	Thallium	0.24	J,A07	0.24	1.2	mg/kg	0.24	J
BFI-053-110-070-A1	Vanadium	160	A07	1.4	3.8	mg/kg	160	
BFI-053-110-070-A1	Zinc	130	A07	2.5	12	mg/kg	130	
BFI-053-110-070-A2	Antimony	0.48	J,A07	0.4	2.5	mg/kg	0.48	J
BFI-053-110-070-A2	Arsenic	3.9	A07	0.85	2.5	mg/kg	3.9	
BFI-053-110-070-A2	Barium	190	A07	0.27	1.2	mg/kg	190	
BFI-053-110-070-A2	Beryllium	0.7	J,A07	0.2	1.2	mg/kg	0.7	J
BFI-053-110-070-A2	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A2	Chromium	100	A07	1.2	3.8	mg/kg	100	
BFI-053-110-070-A2	Cobalt	16	A07	0.24	1.2	mg/kg	16	
BFI-053-110-070-A2	Copper	61	A07	0.5	2.5	mg/kg	61	
BFI-053-110-070-A2	Lead	25	A07	0.6	1.2	mg/kg	25	
BFI-053-110-070-A2	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-110-070-A2	Molybdenum	1	J,A07	0.22	1.2	mg/kg	1	J
BFI-053-110-070-A2	Nickel	53	A07	0.55	2.5	mg/kg	53	
BFI-053-110-070-A2	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-110-070-A2	Silver	0.26	J,A07	0.26	1.2	mg/kg	0.26	J
BFI-053-110-070-A2	Thallium	0.25	J,A07	0.24	1.2	mg/kg	0.25	J
BFI-053-110-070-A2	Vanadium	160	A07	1.4	3.8	mg/kg	160	
BFI-053-110-070-A2	Zinc	100	A07	2.5	12	mg/kg	100	
BFI-053-110-070-A3	Antimony	2.5	U	0.4	2.5	mg/kg	2.5	U
BFI-053-110-070-A3	Arsenic	3.2	A07	0.85	2.5	mg/kg	3.2	
BFI-053-110-070-A3	Barium	160	A07	0.27	1.2	mg/kg	160	
BFI-053-110-070-A3	Beryllium	1.2	U	0.2	1.2	mg/kg	1.2	U
BFI-053-110-070-A3	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A3	Chromium	97	A07	1.2	3.8	mg/kg	97	
BFI-053-110-070-A3	Cobalt	14	A07	0.24	1.2	mg/kg	14	
BFI-053-110-070-A3	Copper	47	A07	0.5	2.5	mg/kg	47	
BFI-053-110-070-A3	Lead	19	A07	0.6	1.2	mg/kg	19	
BFI-053-110-070-A3	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-110-070-A3	Molybdenum	0.56	J,A07	0.22	1.2	mg/kg	0.56	J

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-110-070-A3	Nickel	36	A07	0.55	2.5	mg/kg	36	
BFI-053-110-070-A3	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-110-070-A3	Silver	0.26	J,A07	0.26	1.2	mg/kg	0.26	J
BFI-053-110-070-A3	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-110-070-A3	Vanadium	160	A07	1.4	3.8	mg/kg	160	
BFI-053-110-070-A3	Zinc	73	A07	2.5	12	mg/kg	73	J+
BFI-053-110-070-A4	Antimony	0.41	J,A07	0.4	2.5	mg/kg	0.41	J
BFI-053-110-070-A4	Arsenic	2.8	A07	0.85	2.5	mg/kg	2.8	
BFI-053-110-070-A4	Barium	190	A07	0.27	1.2	mg/kg	190	
BFI-053-110-070-A4	Beryllium	1.2	U	0.2	1.2	mg/kg	1.2	U
BFI-053-110-070-A4	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A4	Chromium	94	A07	1.2	3.8	mg/kg	94	
BFI-053-110-070-A4	Cobalt	14	A07	0.24	1.2	mg/kg	14	
BFI-053-110-070-A4	Copper	49	A07	0.5	2.5	mg/kg	49	
BFI-053-110-070-A4	Lead	21	A07	0.6	1.2	mg/kg	21	
BFI-053-110-070-A4	Mercury	0.18	J,A07	0.1	0.25	mg/kg	0.18	J
BFI-053-110-070-A4	Molybdenum	0.62	J,A07	0.22	1.2	mg/kg	0.62	J
BFI-053-110-070-A4	Nickel	36	A07	0.55	2.5	mg/kg	36	
BFI-053-110-070-A4	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-110-070-A4	Silver	0.3	J,A07	0.26	1.2	mg/kg	0.3	J
BFI-053-110-070-A4	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-110-070-A4	Vanadium	160	A07	1.4	3.8	mg/kg	160	
BFI-053-110-070-A4	Zinc	66	A07	2.5	12	mg/kg	66	
BFI-053-110-070-A5	Antimony	2.5	U	0.4	2.5	mg/kg	2.5	U
BFI-053-110-070-A5	Arsenic	3.3	A07	0.85	2.5	mg/kg	3.3	
BFI-053-110-070-A5	Barium	140	A07	0.27	1.2	mg/kg	140	
BFI-053-110-070-A5	Beryllium	1.2	U	0.2	1.2	mg/kg	1.2	U
BFI-053-110-070-A5	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-110-070-A5	Chromium	99	A07	1.2	3.8	mg/kg	99	
BFI-053-110-070-A5	Cobalt	13	A07	0.24	1.2	mg/kg	13	
BFI-053-110-070-A5	Copper	47	A07	0.5	2.5	mg/kg	47	
BFI-053-110-070-A5	Lead	16	A07	0.6	1.2	mg/kg	16	
BFI-053-110-070-A5	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-110-070-A5	Molybdenum	0.81	J,A07	0.22	1.2	mg/kg	0.81	J
BFI-053-110-070-A5	Nickel	35	A07	0.55	2.5	mg/kg	35	
BFI-053-110-070-A5	Selenium	1.2	J,A07	0.55	2.5	mg/kg	1.2	J
BFI-053-110-070-A5	Silver	0.29	J,A07	0.26	1.2	mg/kg	0.29	J
BFI-053-110-070-A5	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-110-070-A5	Vanadium	170	A07	1.4	3.8	mg/kg	170	
BFI-053-110-070-A5	Zinc	62	A07	2.5	12	mg/kg	62	
BFI-053-110-070-B1	Antimony	1.3	J,A07	0.4	2.5	mg/kg	1.3	J
BFI-053-110-070-B1	Arsenic	5.5	A07	0.85	2.5	mg/kg	5.5	
BFI-053-110-070-B1	Barium	210	A07	0.27	1.2	mg/kg	210	
BFI-053-110-070-B1	Beryllium	1.2	U	0.2	1.2	mg/kg	1.2	U
BFI-053-110-070-B1	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-110-070-B1	Chromium	100	A07	1.2	3.8	mg/kg	100	
BFI-053-110-070-B1	Cobalt	16	A07	0.24	1.2	mg/kg	16	
BFI-053-110-070-B1	Copper	70	A07	0.5	2.5	mg/kg	70	
BFI-053-110-070-B1	Lead	70	A07	0.6	1.2	mg/kg	70	
BFI-053-110-070-B1	Mercury	0.16	J,A07	0.1	0.25	mg/kg	0.16	J
BFI-053-110-070-B1	Molybdenum	1.4	A07	0.22	1.2	mg/kg	1.4	
BFI-053-110-070-B1	Nickel	45	A07	0.55	2.5	mg/kg	45	
BFI-053-110-070-B1	Selenium	0.58	J,A07	0.55	2.5	mg/kg	0.58	J
BFI-053-110-070-B1	Silver	0.27	J,A07	0.26	1.2	mg/kg	0.27	J
BFI-053-110-070-B1	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-110-070-B1	Vanadium	170	A07	1.4	3.8	mg/kg	170	
BFI-053-110-070-B1	Zinc	260	A07	2.5	12	mg/kg	260	

Camp Fire Incident

Property Report | Butte County, California

Confirmation Sampling – Unified Command Approval Form

CAMP INCIDENT STRUCTURAL DEBRIS REMOVAL

CONFIRMATION SAMPLING - UNIFIED COMMAND APPROVAL FORM

Cleanup Goals: See the Background Sampling and Cleanup Goals for the Camp Incident in Butte County, California. The cleanup goals are based on either the calculated soil background, U.S. Environmental Protection Agency (EPA) Risk-Based Screening Levels, California Hazardous Waste Total Threshold Limit Concentration Levels, California Department of Toxic Substances Control (DTSC) Modified Screening Levels, or the California Environmental Protection Agency (CalEPA) California Human Health Screening Levels.

APN	053-110-070
Address	1023 ELLIOTT RD
Background Set	TVP Area
Structures Sampled	A: 2,050 sf B: 100 sf
Samples Collected	A1, A2, A3, A4, A5, B1
Dates Collected	07/03/19
Analytical Laboratory	BC Laboratories

Conclusions: Approved. All cleanup goals achieved.

Date Approved: July 18, 2019

Observations: _____

REGISTERED PROFESSIONAL ENGINEER TODD THALHAMER No. C055197 6/30/20 CIVIL STATE OF CALIFORNIA

Todd Thalhamer
CalRecycle, Operations Section Chief

Diane Lamkin

Diane Lamkin, PG #6775
CalOES, Planning Section Chief

Camp Fire Incident

Property Report | Butte County, California

Erosion Control Worksheet

RYAN CARTWRIGHT
E273612

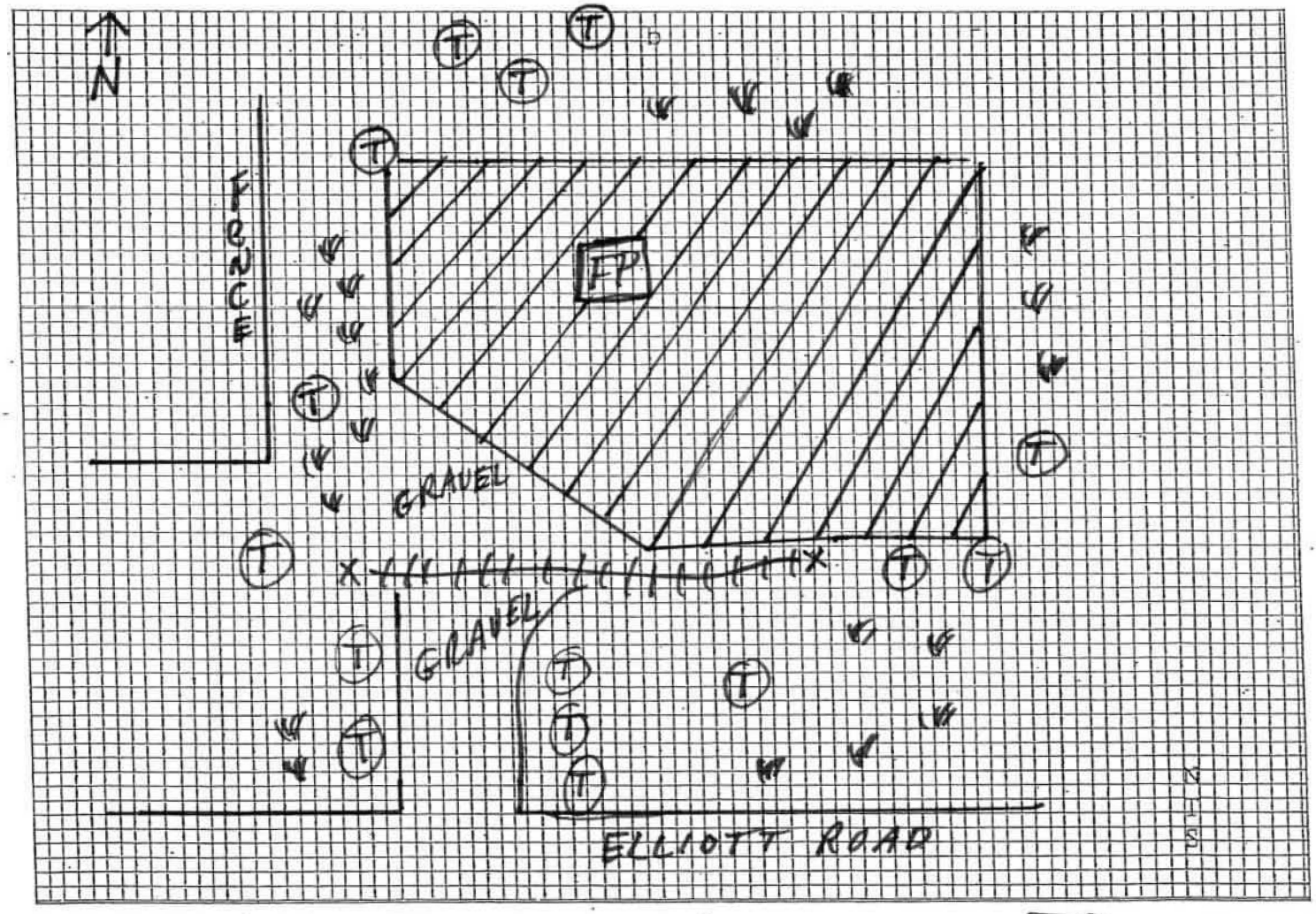
CAMP FIRE INCIDENT EROSION CONTROL WORKSHEET Date: 7-25-19

SITE ADDRESS: 1023 ELLIOTT ROAD / 053-110-070

Level of Erosion Control per Erosion Control Work Group: Level 2 (3, 4)

Observations: 60 LF - SILT SOXX

HYDROMUCCH SF- 4,975



ELLIOTT ROAD

CalRecycle, Operations Chief

FP - FOOT PRINT

X HHH X SILT SOXX

(T) - TREE

Camp Fire Incident

Property Report | Butte County, California

Debris Removal Final Signoff Form

CalRecycle

Cal OES
GOVERNOR'S OFFICE OF EMERGENCY SERVICES

DEBRIS REMOVAL FINAL SIGNOFF FORM

CAMP FIRE INCIDENT

DEBRIS REMOVAL FINAL SIGNOFF FORM

SITE ADDRESS: 1023 ELLIOTT RD PARADISE CA 95969 APN: 053-110-070

County [ ] Town of Paradise [X]

Debris Removal Complete	[X] Yes	[ ] No
Confirmation Sampling Approved	[X] Yes	[ ] No
Erosion Control Complete	[X] Yes	[ ] Waived
Erosion Control Level/BMP	1 [X] 2 3	(Please attach drawing for Level 3)
Debris Removal Project Approved	[X] Yes	[ ] No

FINAL APPROVAL DATE: 7/27/2019

Debris Removal Project Approved Observations:

1. Driveway appears to be intact.
2. Septic is visible, health and safety requirements have been applied.
3. Utilities have been identified.
4. The property appears to meet the standard of the DROP.
5. Lot appears free of debris. All cleanup goals achieved.

James Ginyard

Print Name

CalRecycle/CalOES Staff

County/City Representative

Camp Fire Incident

Property Report | Butte County, California

Post Debris Removal Photographs

Post Debris Removal Property Photos



Post Debris Removal Property Photos



Post Debris Removal Property Photos



Post Debris Removal Property Photos



Camp Fire Incident

Property Report | Butte County, California

Property Claim Damage Documentation Form

900 Fortress st
Chico CA
530. 399. 0434

~~3023~~
ECC

Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

CalRecycle

CAMP FIRE INCIDENT DEBRIS REMOVAL OPERATION
HOMEOWNER PROPERTY DAMAGE CLAIM

Property Owner Name: Jay Millsap & Gail So

Address: 5431 Ethel Way Oroville, CA 95820

Phone Number: 530-321-5634 **Email:** jazzmadeli@gmail

Point of Contact: _____ **Phone:** 530-321-5634

Property Owner Claim:

Damage to marked off septic tank!
1033 Elliott Rd Paradise CA 95969

Jay Millsap
Property Owner Signature

8/1/2019
Date

Division Supervisor Statement:

Property was cleaned on June 26 & 27. Property owner marked out his septic tank, but wasn't sure of the full dimensions. the top of the tank (Lid) was broken by the equipment during clean up. the lid is damaged to the *

Sean Wil Sean Wilson Branch 6 Tech Spec
Division Supervisor Signature

6.27.2019
Date

Resolution:

Approval:

CalRecycle Operations Chief **Date**

Cal OES Incident Commander **Date**

* Point that the Effluent is visible and the tank has to be hard fenced.

Ceres

3023

Cal OES
GOVERNOR'S OFFICE OF EMERGENCY SERVICES

CalRecycle

Damage Assessment Form

Address: 1023 ELLIOTT ROAD APN: 053-110-070

Date: 8-7-2019 GPS: 39°45'36"N-121°36'36"W

Homeowner Name: JAY MELLSAP / GAIN SO

Homeowner contact information: (530) 321-5634

Assessors Name: DON CARDENAS Cal OES

Entry Instructions: N/A

☒ Septic damage claim ☐ Well damage claim ☐ General damage

Claim Notes:

HOMEOWNER MES MARKED SEPTIC TANK LOCATION.

DEBRIS CONTRACTOR BROKE SEPTIC LID.

RECOMMENDATION: OES REPLACE SEPTIC LID.

☐ Ineligible for repairs

☒ Recommend Corrective Action

Approval:

D. Cardenas — 8/7/2019

CalRecycle Operations Chief/Cal OES Special Advisor — Date

John Melendez — 8/8/19

Cal OES Incident Commander — Date

E SE S SW

0 120 150 180 210

162°S (M) 39°45'36"N, 121°36'36"W ±16.4ft ▲ 1808ft

Damage to septic lid

Your Watermark - See Settings

1023 Elliott Rd.

07 Aug 2019, 16:11:09

DAMAGE REPAIR COMPLETION FORM

Cal OES
GOVERNOR'S OFFICE OF EMERGENCY SERVICES

Paradise

Address: 1023 Elliot RD APN: 053-110-070

Date: 03/16/20 GPS: _____

Homeowner Name: Jay Millsap

Homeowner contact information: (530)321-5634

Assessors Name: James Ginyard

Entry Instructions: N/A

☒ Septic damage claim ☐ Well damage claim ☐ General damage

Claim Notes:

Issue: Septic tank was damaged during debris removal operation.

Solution: Contractor replaced septic tank. Tank has been inspected by town of Paradise. Good to go.

☒ Approved repairs complete
☐ Repair not complete

Approval:

CalRecycle Operations Chief/Cal OES Special Advisor — Date: 03/20/2020

Cal OES Incident Commander — Date: 3/24/2020





Ginyard, James@Caloes

From: Ginyard, James@Caloes
Sent: Monday, March 16, 2020 10:05 PM
To: 'Larson, Bob'
Subject: RE: Septic permits

Thank you Bob for your response

James Ginyard

From: Larson, Bob <blarson@townofparadise.com>
Sent: Monday, March 16, 2020 10:36 AM
To: Ginyard, James@Caloes <James.Ginyard@Caloes.ca.gov>
Cc: Cook, Debbie <dcook@townofparadise.com>
Subject: RE: Septic permits

Yes, They have all been inspected and finaled.

Bob Larson
Onsite Sanitary Official
Town of Paradise

From: Ginyard, James@Caloes <James.Ginyard@Caloes.ca.gov>
Sent: Monday, March 16, 2020 8:45 AM
To: Larson, Bob <blarson@townofparadise.com>
Subject: Septic permits

Good morning ,

As my coworker Anthony Toto said in the previous email, I will send you the addresses and APN of the completed septic tank repairs and we would appreciate if you could let us know if the town of Paradise has inspected these sites:

051-162-061	6251 Posey Lane
051-162-063	6221 Posey Lane
051-180-103	395 Castle Drive
052-390-047	439 Castle Drive
051-300-018	281 Rose Lane
051-310-020	5401 Hickory
052-032-024	578 Valley View Drive
051-230-050	4692 Skyway
052-182-046	5616 Jewell Road
052-182-048	5702 Jewell Road
052-201-018	6044 Foster Road

052-226-009	5642 Sierra Park Drive
053-110-070	1023 Elliot Rd



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

James Ginyard
Disaster Assistance Program Specialist
3650 Schriever Ave.
Mather, CA 95655
(916)-823-2883 (cell)

APPENDIX F
EDR RADIUS MAP REPORT

1023 Elliott Road
1023 Elliott Road
Paradise, CA 95969

Inquiry Number: 7888498.2s
February 03, 2025

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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Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	239
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1023 ELLIOTT ROAD
PARADISE, CA 95969

COORDINATES

Latitude (North):	39.7599590 - 39° 45' 35.85''
Longitude (West):	121.6101380 - 121° 36' 36.49''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	619057.8
UTM Y (Meters):	4401829.5
Elevation:	1819 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50006557 PARADISE EAST, CA
Version Date:	2022
Southeast Map:	50006505 CHEROKEE, CA
Version Date:	2022
Southwest Map:	50004797 HAMLIN CANYON, CA
Version Date:	2021
Northwest Map:	50004815 PARADISE WEST, CA
Version Date:	2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200709
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1023 ELLIOTT ROAD
PARADISE, CA 95969

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	ACQUISITION PARCEL F	5892 MAXWELL DRIVE	ENVIROSTOR, SCH	Higher	446, 0.084, West
2	HOLLINGSWORTH, OWEN	1049 MAPLE PARK DR	RCRA NonGen / NLR, E MANIFEST	Higher	468, 0.089, NNE
3	ENGINE EXPRESS	1087 ELLIOTT RD	CUPA Listings	Higher	565, 0.107, East
A4	PARADISE HIGH SCHOOL	5911 MAXWELL RD	RCRA-SQG	Higher	627, 0.119, NW
A5	PARADISE UNIFIED SCH	5911 MAXWELL DR	CERS HAZ WASTE, HWTS, HAZNET, NPDES, CIWQS, CERS	Higher	627, 0.119, NW
6	STEIGER, BOB	1082 MAPLE PARK DR.	RCRA NonGen / NLR	Higher	679, 0.129, ENE
A7	RIDGEVIEW CONTINUATI	5944 MAXWELL DRIVE	ENVIROSTOR, SCH, NPDES, CIWQS, CERS	Higher	681, 0.129, NW
B8	ARCO SS #5819	5987 CLARK RD	UST FINDER RELEASE	Higher	824, 0.156, ESE
B9	BP 07036	5987 CLARK RD	RCRA-SQG, E MANIFEST	Higher	824, 0.156, ESE
B10	ARCO 07036	5987 CLARK RD	UST	Higher	824, 0.156, ESE
B11	ARCO SS #5819, CASE	5987 CLARK RD	UST FINDER RELEASE	Higher	824, 0.156, ESE
B12	ARCO 07036	5987 CLARK RD	UST FINDER	Higher	824, 0.156, ESE
B13	PARADISE ARCO STATIO	5987 CLARK ROAD	LUST, CERS HAZ WASTE, SWEEPS UST, CERS TANKS, CA...	Higher	824, 0.156, ESE
B14	ARCO FACILITY #5819	5987 CLARK RD	UST	Higher	824, 0.156, ESE
C15	ROGER LINDGREN	5993 CLARK RD	CUPA Listings	Higher	853, 0.162, East
C16	RITE AID #06092	6007 CLARK ROAD	RCRA NonGen / NLR, E MANIFEST	Higher	872, 0.165, East
C17	RITE AID #6092	6007 CLARK RD	CUPA Listings	Higher	872, 0.165, East
C18	GENUINE PARTS COMPAN	5990 CLARK RD	RCRA NonGen / NLR, E MANIFEST	Higher	961, 0.182, East
C19	RIEBES AUTO PARTS	5990 CLARK RD	CUPA Listings	Higher	961, 0.182, East
C20	GENUINE PARTS COMPAN	5990 CLARK RD	CERS HAZ WASTE, HWTS	Higher	961, 0.182, East
D21	RICH DEWELL'S IMPORT	6057 CLARK RD	RCRA NonGen / NLR	Higher	1022, 0.194, ENE
D22	QUALITY USED TIRE	6057 CLARK RD	LUST, Cortese, CUPA Listings, HIST CORTESE, CERS	Higher	1022, 0.194, ENE
D23	QUALITY USED TIRE	6057 CLARK RD	UST FINDER RELEASE	Higher	1022, 0.194, ENE
D24	RICHARD IRBY DC	6002 CLARK RD	CUPA Listings	Higher	1061, 0.201, East
25	DAVID & VERONICA DER	1004 FAIRVIEW DR.	RCRA NonGen / NLR, E MANIFEST	Higher	1101, 0.209, North
E26	PARADISE AUTO BODY	1122 ELLIOTT RD	CERS HAZ WASTE	Higher	1167, 0.221, East
E27	PARADISE AUTO BODY	1122 ELLIOTT RD	RCRA-SQG, CUPA Listings, HWTS, HAZNET	Higher	1167, 0.221, East
D28	SAFEWAY STORE NO 302	6020 CLARK RD	RCRA NonGen / NLR, FINDS, ECHO, E MANIFEST	Higher	1174, 0.222, ENE
D29	SAFEWAY 0302	6020 CLARK AVE	CHMIRS, CUPA Listings	Higher	1174, 0.222, ENE
F30	GUYNN INC DBA JIFFY	6081 CLARK RD	RCRA NonGen / NLR, E MANIFEST	Higher	1204, 0.228, ENE
F31	JIFFY LUBE #3359	6081 CLARK RD	AST, CERS HAZ WASTE, CERS TANKS, CUPA Listings,...	Higher	1204, 0.228, ENE
G32	G + J POWELL INC DBA	6026 CLARK RD STE A	RCRA NonGen / NLR	Higher	1303, 0.247, ENE
G33	GROCERY OUTLET	6026 CLARK RD STE A	CUPA Listings	Higher	1303, 0.247, ENE
34	PARADISE CENTER FOR	5910 CLARK RD # D	CUPA Listings	Higher	1303, 0.247, SE
35	FRAZIER, EDWARD G.	5920 COPELAND	HIST CORTESE	Higher	1972, 0.373, East
H36	WESTERN PETROLEUM MA	5725 CLARK RD	LUST, Cortese, CERS	Lower	2542, 0.481, SSE
H37	WESTERN PETROLEUM MA	5725 CLARK RD	UST FINDER RELEASE	Lower	2542, 0.481, SSE
H38	NELLA OIL SS #45	5734 CLARK RD	UST FINDER RELEASE	Lower	2614, 0.495, SSE
H39	NELLA OIL SS #45	5734 CLARK RD	LUST, SWEEPS UST, CA FID UST, Cortese, CUPA...	Lower	2614, 0.495, SSE

MAPPED SITES SUMMARY

Target Property Address:
1023 ELLIOTT ROAD
PARADISE, CA 95969

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	BEACON STATION #455	6901 SKYWAY	SWEEPS UST, Notify 65	Higher	3029, 0.574, WNW

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

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

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

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

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

Lists of state and tribal registered storage tanks

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

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST UST	Hazardous Substance Storage Container 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

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
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

MINES MRDS - Mineral Resources Data System
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
PFAS NPL - Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES - Federal Sites PFAS Information
PFAS TSCA - PFAS Manufacture and Imports Information
PFAS TRIS - List of PFAS Added to the TRI
PFAS RCRA MANIFEST - PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR - PFAS Contamination Site Location Listing
PFAS WQP - Ambient Environmental Sampling for PFAS
PFAS PROJECT - NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES - Clean Water Act Discharge Monitoring Information
PFAS ECHO - Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN - Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT - All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC - Aqueous Foam Related Incidents Listing
BIOSOLIDS - ICIS-NPDES Biosolids Facility Data
PFAS - PFAS Investigation Site Location Listing
AQUEOUS FOAM - Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN - Bond Expenditure Plan
CHROME PLATING - Chrome Plating Facilities Listing
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
ICE - Inspection, Compliance and Enforcement
HWP - EnviroStor Permitted Facilities Listing
HWT - Registered Hazardous Waste Transporter Database
HWTS - Hazardous Waste Tracking System
HAZNET - Facility and Manifest Data
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
HAZMAT - Hazardous Material Facilities
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)

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

Lists of Federal RCRA generators

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/16/2024 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE HIGH SCHOOL EPA ID:: CAD983599036	5911 MAXWELL RD	NW 0 - 1/8 (0.119 mi.)	A4	15
BP 07036 EPA ID:: CAR000100321	***5987 CLARK RD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B9***	***34***
PARADISE AUTO BODY EPA ID:: CAD983673211	***1122 ELLIOTT RD***	***E 1/8 - 1/4 (0.221 mi.)***	***E27***	***138***

EXECUTIVE SUMMARY

Lists of state- and tribal hazardous waste facilities

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/21/2024 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ACQUISITION PARCEL F	***5892 MAXWELL DRIVE***	***W 0 - 1/8 (0.084 mi.)***	***1***	***9***
Facility Id: 60003499				
Status: Active				
RIDGEVIEW CONTINUATI	***5944 MAXWELL DRIVE***	***NW 1/8 - 1/4 (0.129 mi.)***	***A7***	***28***
Facility Id: 60003086				
Status: No Action Required				

Lists of state and tribal leaking storage tanks

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

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE ARCO STATIO	***5987 CLARK ROAD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B13***	***52***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0600700065				
Global Id: T0600700204				
QUALITY USED TIRE	***6057 CLARK RD***	***ENE 1/8 - 1/4 (0.194 mi.)***	***D22***	***126***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0600700044				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN PETROLEUM MA	***5725 CLARK RD***	***SSE 1/4 - 1/2 (0.481 mi.)***	***H36***	***207***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/28/2024				

Status: Completed - Case Closed
Status: Preliminary site assessment underway
Global Id: T0600793583

NELLA OIL SS #45 ***5734 CLARK RD*** ***SSE 1/4 - 1/2 (0.495 mi.)*** ***H39*** ***218***
Database: LUST REG 5, Date of Government Version: 07/01/2008
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Status: Remediation Plan
Global Id: T0600700145

Lists of state and tribal registered storage tanks

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

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 07036	5987 CLARK RD	ESE 1/8 - 1/4 (0.156 mi.)	B10	45
Database: UST, Date of Government Version: 08/28/2024				
ARCO FACILITY #5819	5987 CLARK RD	ESE 1/8 - 1/4 (0.156 mi.)	B14	89
Database: UST, Date of Government Version: 08/28/2024 Facility Id: 12354				

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JIFFY LUBE #3359	***6081 CLARK RD***	***ENE 1/8 - 1/4 (0.228 mi.)***	***F31***	***197***
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

SCH: 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.

A review of the SCH list, as provided by EDR, and dated 10/21/2024 has revealed that there are 2 SCH sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ACQUISITION PARCEL F	***5892 MAXWELL DRIVE***	***W 0 - 1/8 (0.084 mi.)***	***1***	***9***
Facility Id: 60003499				
Status: Active				
RIDGEVIEW CONTINUATI	***5944 MAXWELL DRIVE***	***NW 1/8 - 1/4 (0.129 mi.)***	***A7***	***28***
Facility Id: 60003086				
Status: No Action Required				

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/15/2024 has revealed that there are 5 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE UNIFIED SCH	***5911 MAXWELL DR***	***NW 0 - 1/8 (0.119 mi.)***	***A5***	***18***
PARADISE ARCO STATIO	***5987 CLARK ROAD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B13***	***52***
GENUINE PARTS COMPAN	***5990 CLARK RD***	***E 1/8 - 1/4 (0.182 mi.)***	***C20***	***121***
PARADISE AUTO BODY	1122 ELLIOTT RD	E 1/8 - 1/4 (0.221 mi.)	E26	134
JIFFY LUBE #3359	***6081 CLARK RD***	***ENE 1/8 - 1/4 (0.228 mi.)***	***F31***	***197***

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE ARCO STATIO	***5987 CLARK ROAD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B13***	***52***
Status: A				
Tank Status: A				
Comp Number: 12354				

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE ARCO STATIO	***5987 CLARK ROAD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B13***	***52***
Facility Id: 04000059				

Status: A

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

A review of the CERS TANKS list, as provided by EDR, and dated 10/15/2024 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE ARCO STATIO	***5987 CLARK ROAD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B13***	***52***
JIFFY LUBE #3359	***6081 CLARK RD***	***ENE 1/8 - 1/4 (0.228 mi.)***	***F31***	***197***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/16/2024 has revealed that there are 9 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLLINGSWORTH, OWEN EPA ID:: CAC003030772	***1049 MAPLE PARK DR***	***NNE 0 - 1/8 (0.089 mi.)***	***2***	***11***
STEIGER, BOB EPA ID:: CAC002968617	1082 MAPLE PARK DR.	ENE 1/8 - 1/4 (0.129 mi.)	6	26
RITE AID #06092 EPA ID:: CAR000270926	***6007 CLARK ROAD***	***E 1/8 - 1/4 (0.165 mi.)***	***C16***	***90***
GENUINE PARTS COMPAN EPA ID:: CAL000469759	***5990 CLARK RD***	***E 1/8 - 1/4 (0.182 mi.)***	***C18***	***113***
RICH DEWELL'S IMPORT EPA ID:: CAL000253773	6057 CLARK RD	ENE 1/8 - 1/4 (0.194 mi.)	D21	124
DAVID & VERONICA DER EPA ID:: CAC003104742	***1004 FAIRVIEW DR.***	***N 1/8 - 1/4 (0.209 mi.)***	***25***	***130***
SAFEWAY STORE NO 302 EPA ID:: CAR000243717	***6020 CLARK RD***	***ENE 1/8 - 1/4 (0.222 mi.)***	***D28***	***182***
GUYNN INC DBA JIFFY EPA ID:: CAL000338562	***6081 CLARK RD***	***ENE 1/8 - 1/4 (0.228 mi.)***	***F30***	***192***
G + J POWELL INC DBA EPA ID:: CAL000434168	6026 CLARK RD STE A	ENE 1/8 - 1/4 (0.247 mi.)	G32	204

EXECUTIVE SUMMARY

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 07036	5987 CLARK RD	ESE 1/8 - 1/4 (0.156 mi.)	B12	51

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 5 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO SS #5819	5987 CLARK RD	ESE 1/8 - 1/4 (0.156 mi.)	B8	33
ARCO SS #5819, CASE	5987 CLARK RD	ESE 1/8 - 1/4 (0.156 mi.)	B11	50
QUALITY USED TIRE	6057 CLARK RD	ENE 1/8 - 1/4 (0.194 mi.)	D23	129
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
WESTERN PETROLEUM MA	5725 CLARK RD	SSE 1/4 - 1/2 (0.481 mi.)	H37	217
NELLA OIL SS #45	5734 CLARK RD	SSE 1/4 - 1/2 (0.495 mi.)	H38	217

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

A review of the E MANIFEST list, as provided by EDR, and dated 09/16/2024 has revealed that there are 7 E MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLLINGSWORTH, OWEN	***1049 MAPLE PARK DR***	***NNE 0 - 1/8 (0.089 mi.)***	***2***	***11***
BP 07036	***5987 CLARK RD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B9***	***34***
RITE AID #06092	***6007 CLARK ROAD***	***E 1/8 - 1/4 (0.165 mi.)***	***C16***	***90***
GENUINE PARTS COMPAN	***5990 CLARK RD***	***E 1/8 - 1/4 (0.182 mi.)***	***C18***	***113***
DAVID & VERONICA DER	***1004 FAIRVIEW DR.***	***N 1/8 - 1/4 (0.209 mi.)***	***25***	***130***
SAFEWAY STORE NO 302	***6020 CLARK RD***	***ENE 1/8 - 1/4 (0.222 mi.)***	***D28***	***182***
GUYNN INC DBA JIFFY	***6081 CLARK RD***	***ENE 1/8 - 1/4 (0.228 mi.)***	***F30***	***192***

EXECUTIVE SUMMARY

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

A review of the Cortese list, as provided by EDR, and dated 09/16/2024 has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE ARCO STATIO	***5987 CLARK ROAD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B13***	***52***
Cleanup Status: COMPLETED - CASE CLOSED				
QUALITY USED TIRE	***6057 CLARK RD***	***ENE 1/8 - 1/4 (0.194 mi.)***	***D22***	***126***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN PETROLEUM MA	***5725 CLARK RD***	***SSE 1/4 - 1/2 (0.481 mi.)***	***H36***	***207***
Cleanup Status: COMPLETED - CASE CLOSED				
NELLA OIL SS #45	***5734 CLARK RD***	***SSE 1/4 - 1/2 (0.495 mi.)***	***H39***	***218***
Cleanup Status: COMPLETED - CASE CLOSED				

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

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 12 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENGINE EXPRESS	1087 ELLIOTT RD	E 0 - 1/8 (0.107 mi.)	3	15
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0004069				
PARADISE ARCO STATIO	***5987 CLARK ROAD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B13***	***52***
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0000253				
ROGER LINDGREN	5993 CLARK RD	E 1/8 - 1/4 (0.162 mi.)	C15	90
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0000270				
RITE AID #6092	6007 CLARK RD	E 1/8 - 1/4 (0.165 mi.)	C17	113
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0001592				
RIEBES AUTO PARTS	5990 CLARK RD	E 1/8 - 1/4 (0.182 mi.)	C19	121
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0003164				
QUALITY USED TIRE	***6057 CLARK RD***	***ENE 1/8 - 1/4 (0.194 mi.)***	***D22***	***126***
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0004072				
RICHARD IRBY DC	6002 CLARK RD	E 1/8 - 1/4 (0.201 mi.)	D24	130
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0003870				
PARADISE AUTO BODY	***1122 ELLIOTT RD***	***E 1/8 - 1/4 (0.221 mi.)***	***E27***	***138***
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				

Facility ID: FA0004053

SAFEWAY 0302	***6020 CLARK AVE***	***ENE 1/8 - 1/4 (0.222 mi.)***	***D29***	***190***
Database: CUPA BUTTE, Date of Government Version: 04/21/2017 Facility ID: FA0003562				
JIFFY LUBE #3359	***6081 CLARK RD***	***ENE 1/8 - 1/4 (0.228 mi.)***	***F31***	***197***
Database: CUPA BUTTE, Date of Government Version: 04/21/2017 Facility ID: FA0003614				
GROCERY OUTLET	6026 CLARK RD STE A	ENE 1/8 - 1/4 (0.247 mi.)	G33	206
Database: CUPA BUTTE, Date of Government Version: 04/21/2017 Facility ID: FA0004342				
PARADISE CENTER FOR	5910 CLARK RD # D	SE 1/8 - 1/4 (0.247 mi.)	34	207
Database: CUPA BUTTE, Date of Government Version: 04/21/2017 Facility ID: FA0003813				

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE ARCO STATIO	***5987 CLARK ROAD***	***ESE 1/8 - 1/4 (0.156 mi.)***	***B13***	***52***
Reg Id: 040209 Reg Id: 040069				
QUALITY USED TIRE	***6057 CLARK RD***	***ENE 1/8 - 1/4 (0.194 mi.)***	***D22***	***126***
Reg Id: 040047				
FRAZIER, EDWARD G.	5920 COPELAND	E 1/4 - 1/2 (0.373 mi.)	35	207
Reg Id: 6A189012N95				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NELLA OIL SS #45	***5734 CLARK RD***	***SSE 1/4 - 1/2 (0.495 mi.)***	***H39***	***218***
Reg Id: 040150				

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

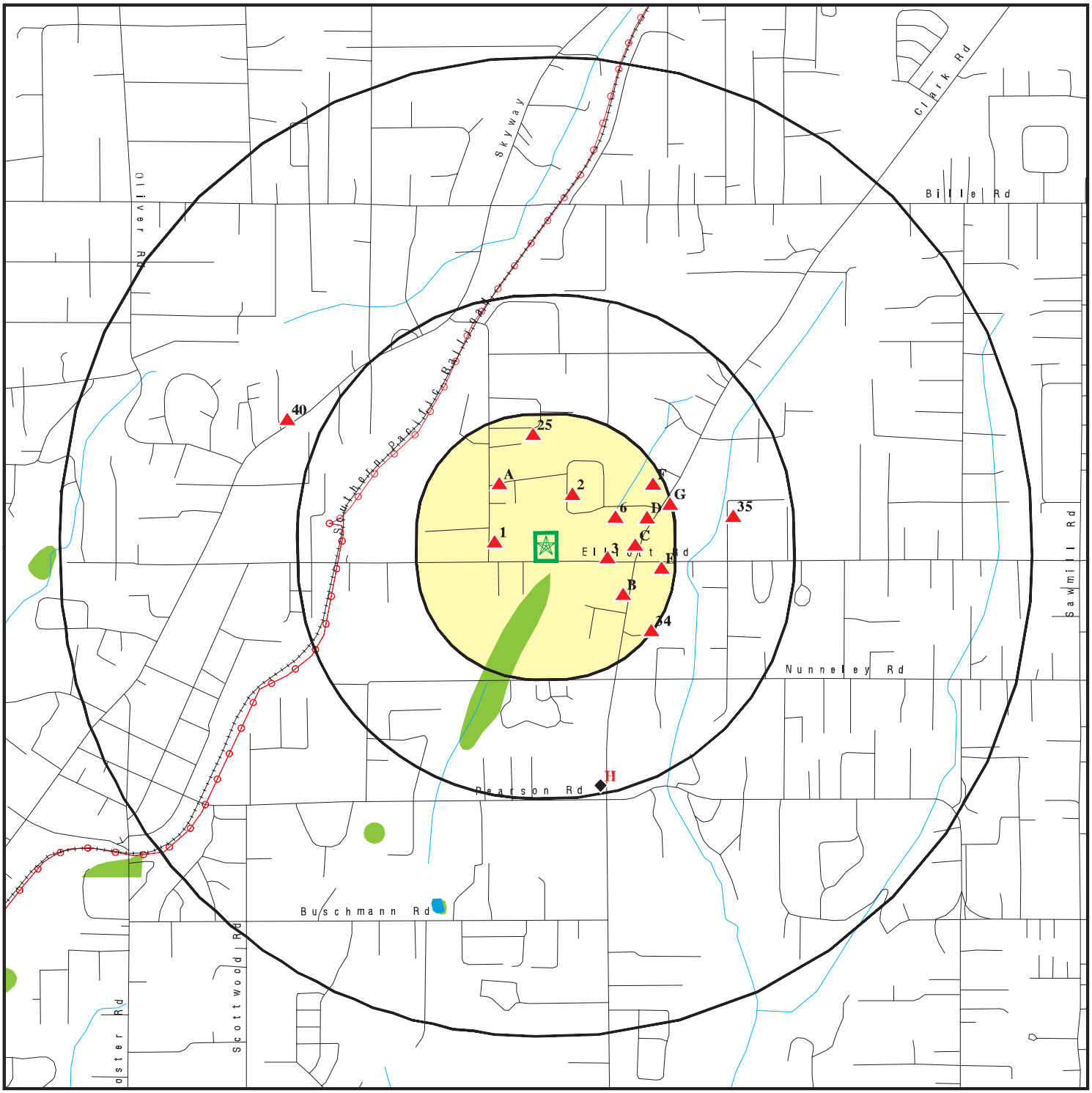
A review of the Notify 65 list, as provided by EDR, and dated 09/05/2024 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACON STATION #455	***6901 SKYWAY***	***WNW 1/2 - 1 (0.574 mi.)***	***40***	***237***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7888498.2S



- 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
- Power transmission lines
- 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:	1023 Elliott Road	CLIENT:	Padre Associates, Inc
ADDRESS:	1023 Elliott Road Paradise CA 95969	CONTACT:	Matt Miller
		INQUIRY #:	7888498.2s
LAT/LONG:	39.759959 / 121.610138	DATE:	February 03, 2025 8:00 pm

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DETAIL MAP - 7888498.2S



0 1/16 1/8 1/4 Miles

- 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
- Power transmission lines
- 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.

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ADDRESS:	1023 Elliott Road Paradise CA 95969	CONTACT:	Matt Miller
		INQUIRY #:	7888498.2s
LAT/LONG:	39.759959 / 121.610138	DATE:	February 03, 2025 8:06 pm

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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								
Lists of Federal NPL (Superfund) sites								
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
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		1	1	0	0	NR	2
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	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
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	2	2	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of 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
Lists of state and tribal brownfield 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		1	1	NR	NR	NR	2
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	4	NR	NR	NR	5
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	1	NR	NR	NR	1
CERS TANKS	0.250		0	2	NR	NR	NR	2
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		1	8	NR	NR	NR	9
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
MINES MRDS	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
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	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
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
UST FINDER	0.250		0	1	NR	NR	NR	1
UST FINDER RELEASE	0.500		0	3	2	NR	NR	5
E MANIFEST	0.250		1	6	NR	NR	NR	7
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	2	2	NR	NR	4
CUPA Listings	0.250		1	11	NR	NR	NR	12
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
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	2	2	NR	NR	4
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	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	1	NR	1
HAZMAT	0.250		0	0	NR	NR	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

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
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	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	7	50	8	1	0	66

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
West
< 1/8
0.084 mi.
446 ft.

ACQUISITION PARCEL FOR PARADISE UNIFIED SCHOOL DIS
5892 MAXWELL DRIVE
PARADISE, CA 95969

ENVIROSTOR SCH

S129919461
N/A

Relative: Higher

Actual: 1847 ft.

ENVIROSTOR:

Name:	ACQUISITION PARCEL FOR PARADISE UNIFIED SCHOOL DISTRICT
Address:	5892 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Facility ID:	60003499
Status:	Active
Status Date:	02/03/2023
Site Code:	104867
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0.18
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Lisa Holcomb
Supervisor:	Tim Crick
Division Branch:	Cleanup Legacy Landfills
Assembly:	3
Senate:	1
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	39.76014
Longitude:	-121.6120
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	104867
Alias Type:	Project Code (Site Code)
Alias Name:	60003499
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	11/07/2023
Comments:	On November 7, 2023, DTSC issued the Tech Memo approval letter.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/03/2023
Comments:	Phase I Addendum Required letter issued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	08/21/2024
Comments:	On August 21, 2024, DTSC sent out cost estimate for scheduled activities for FY 2024/25.

ACQUISITION PARCEL FOR PARADISE UNIFIED SCHOOL DISTRICT (Continued) **S129919461**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Phase 1 Addendum
Schedule Due Date:	09/13/2023
Schedule Revised Date:	02/14/2024

SCH:

Name:	ACQUISITION PARCEL FOR PARADISE UNIFIED SCHOOL DISTRICT
Address:	5892 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Facility ID:	60003499
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.18
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lisa Holcomb
Supervisor:	Tim Crick
Division Branch:	Cleanup Legacy Landfills
Site Code:	104867
Assembly:	3
Senate:	1
Special Program Status:	Not reported
Status:	Active
Status Date:	02/03/2023
Restricted Use:	NO
Funding:	School District
Latitude:	39.76014
Longitude:	-121.6120
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	104867
Alias Type:	Project Code (Site Code)
Alias Name:	60003499
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	11/07/2023
Comments:	On November 7, 2023, DTSC issued the Tech Memo approval letter.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1

ACQUISITION PARCEL FOR PARADISE UNIFIED SCHOOL DISTRICT (Continued) **S129919461**

Completed Date:	04/03/2023
Comments:	Phase I Addendum Required letter issued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	08/21/2024
Comments:	On August 21, 2024, DTSC sent out cost estimate for scheduled activities for FY 2024/25.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Phase 1 Addendum
Schedule Due Date:	09/13/2023
Schedule Revised Date:	02/14/2024

---

2 **HOLLINGSWORTH, OWEN** **RCRA NonGen / NLR** **1025850672**
NNE **1049 MAPLE PARK DR** **E MANIFEST** **CAC003030772**
< 1/8 **PARADISE, CA 95969**
0.089 mi.
468 ft.

Relative:
Higher

Actual:
1859 ft.

RCRA Listings:

Date Form Received by Agency:	20190823
Handler Name:	Hollingsworth, Owen
Handler Address:	1049 Maple Park Dr
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAC003030772
Contact Name:	HOLLINGSWORTH, OWEN
Contact Address:	1049 MAPLE PARK DR
Contact City,State,Zip:	PARADISE, CA 95969
Contact Telephone:	530-520-5883
Contact Fax:	Not reported
Contact Email:	JULIE@8884ABATEMENT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1953 TEHAMA AVENUE
Mailing City,State,Zip:	OROVILLE, CA 95965
Owner Name:	Hollingsworth, Owen
Owner Type:	Other
Operator Name:	Hollingsworth, Owen
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

HOLLINGSWORTH, OWEN (Continued) **1025850672**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190910
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: HOLLINGSWORTH, OWEN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1049 MAPLE PARK DR
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-520-5883
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HOLLINGSWORTH, OWEN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1049 MAPLE PARK DR

HOLLINGSWORTH, OWEN (Continued) **1025850672**

Owner/Operator City,State,Zip: PARADISE, CA 95969
Owner/Operator Telephone: 530-520-5883
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190823
Handler Name: HOLLINGSWORTH, OWEN
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 019203762JJK
Last Updated Date: 20190927
Shipped Date: 20190826
Received Date: 20190826
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: CAC003030772
Generator Name: Hollingsworth, Owen
Generator Location Street Number: Not reported
Generator Location Street 1: 1049 MAPLE PARK DR
Generator Location Street 2: Not reported
Generator Location City: PARADISE
Generator Location State: CA
Generator Location Zip: 95969
Generator Mail Street Number: Not reported
Generator Mail Street 1: 1953 Tehama Ave
Generator Mail Street 2: Not reported
Generator Mail City: Oroville
Generator Mail Zip: 95965
Generator Mail State: CA
Generator Contact Company Name: Not reported
Designated Facility EPA ID: CAD981388952

HOLLINGSWORTH, OWEN (Continued) **1025850672**

Designated Facility Name:	Anderson Solid Waste, Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	P O BOX 1365
Designated Facility Mail City:	ANDERSON
Designated Facility Mail Zip:	96007
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	18703
Designated Facility Location Street 1:	18703 CAMBRIDGE RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	ANDERSON
Designated Facility Location Zip:	96007
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	019203762JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	151
State Waste:	Asbestos-containing waste

Transporter:

Manifest Tracking Number:	019203762JJK
Transporter Line Number:	1
Transporter EPA ID:	CAL000387397
Transporter Name:	18884abatement Inc

Waste Line:

Manifest Tracking Number:	019203762JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	NA2212
U.S. DOT Description:	Rq, Na2212, Asbestos, 9, Pg Iii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	37
Container Type Code:	BA
Container Type Description:	Burlap, cloth, paper, or plastic bags
Waste Quantity:	4
Quantity Unit of Measure Code:	Y
Quantity Unit of Measure Description:	Cubic Yards
Waste Quantity, in Tons:	3.36
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	3.36
Waste Quantity, in Kilograms:	3047.6208
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	3047.6208
Management Method Code:	H132
Management Method Description:	LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported

HOLLINGSWORTH, OWEN (Continued) **1025850672**

Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

---

3 **ENGINE EXPRESS** **CUPA Listings** **S118584619**
East **1087 ELLIOTT RD** **N/A**
< 1/8 **PARADISE, CA 95969**
0.107 mi.
565 ft.

Relative:
Higher

Actual:
1849 ft.

CUPA BUTTE:

Name:	ENGINE EXPRESS
Address:	1087 ELLIOTT RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	Not reported

A4 **PARADISE HIGH SCHOOL** **RCRA-SQG** **1000595945**
NW **5911 MAXWELL RD** **CAD983599036**
< 1/8 **PARADISE, CA 95969**
0.119 mi.
627 ft. **Site 1 of 3 in cluster A**

Relative:
Higher

Actual:
1874 ft.

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Paradise High School
Handler Address:	5911 Maxwell Rd
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAD983599036
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	4R
Mailing Address:	5911 MAXWELL DR
Mailing City,State,Zip:	PARADISE, CA 95969
Owner Name:	Not reported
Owner Type:	Not reported

PARADISE HIGH SCHOOL (Continued) **1000595945**

Operator Name:	Not Required
Operator Type:	District
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PARADISE UNIFIED SCHOOL DIST	
Legal Status:	District
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PARADISE HIGH SCHOOL (Continued) **1000595945**

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: District
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: PARADISE HIGH SCHOOL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19910809
Handler Name: PARADISE HIGH SCHOOL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A5
NW
< 1/8
0.119 mi.
627 ft.

Relative:
Higher

Actual:
1874 ft.

PARADISE UNIFIED SCHOOL DIST
5911 MAXWELL DR
PARADISE, CA 95969

Site 2 of 3 in cluster A

CERS HAZ WASTE
HWTS
HAZNET
NPDES
CIWQS
CERS

S112878282
N/A

CERS HAZ WASTE:

Name:	PARADISE HIGH SCHOOL
Address:	5911 MAXWELL DR
City,State,Zip:	PARADISE, CA 95969
Site ID:	775164
CERS ID:	10941046
CERS Description:	Hazardous Waste Generator

HWTS:

Name:	PARADISE UNIFIED SCHOOL DIST
Address:	5911 MAXWELL DR
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAC001255456
Inactive Date:	10/25/2000
Create Date:	07/17/1996
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	5665 RECREATION DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PARADISE, CA 959690000
Owner Name:	PARADISE UNIFIED SCHOOL DIST
Owner Address:	5665 RECREATION DR
Owner Address 2:	Not reported
Owner City,State,Zip:	PARADISE, CA 959690000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	LUKE BEUSELICK
Contact Address:	5665 RECREATION DR
Contact Address 2:	Not reported
City,State,Zip:	PARADISE, CA 959690000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	39.761531
Longitude:	-121.612383

HAZNET:

Name:	PARADISE UNIFIED SCHOOL DIST
Address:	5911 MAXWELL DR
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 959690000
Contact:	LUKE BEUSELICK
Telephone:	9168726495
Mailing Name:	Not reported
Mailing Address:	5665 RECREATION DR
Year:	1996
Gepaid:	CAC001255456

PARADISE UNIFIED SCHOOL DIST (Continued) **S112878282**

TSD EPA ID: CAT080022148
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H01 - Transfer Station
Tons: 0.125

Year: 1996
Gepaid: CAC001255456
TSD EPA ID: CAT080022148
CA Waste Code: -
Disposal Method: H01 - Transfer Station
Tons: 0

Year: 1996
Gepaid: CAC001255456
TSD EPA ID: CAD981388952
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 1.5

Year: 1996
Gepaid: CAC001255456
TSD EPA ID: CAT080022148
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.25

Year: 1996
Gepaid: CAC001255456
TSD EPA ID: CAT080022148
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H01 - Transfer Station
Tons: 0.0375

Additional Information:
Year: 1996
Gen EPA ID: CAC001255456

Shipment Date: 19960814
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960823
Manifest ID: 95535447
Trans EPA ID: CAD983661463
Trans Name: Not reported
Trans 2 EPA ID: OH0000000539
Trans 2 Name: Not reported
TSDF EPA ID: CAT080022148
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.25
Waste Quantity: 500
Quantity Unit: P
Additional Code 1: Not reported

PARADISE UNIFIED SCHOOL DIST (Continued) **S112878282**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960814
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960823
Manifest ID:	95535447
Trans EPA ID:	CAD983661463
Trans Name:	Not reported
Trans 2 EPA ID:	OH0000000539
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960814
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960823
Manifest ID:	95535447
Trans EPA ID:	CAD983661463
Trans Name:	Not reported
Trans 2 EPA ID:	OH0000000539
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960814
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960823
Manifest ID:	95535447

PARADISE UNIFIED SCHOOL DIST (Continued) **S112878282**

Trans EPA ID:	CAD983661463
Trans Name:	Not reported
Trans 2 EPA ID:	OH0000000539
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960719
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960719
Manifest ID:	95535429
Trans EPA ID:	CAD983661463
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981388952
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1.5
Waste Quantity:	3000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	PARADISE HIGH SCHOOL CLASSROOM ADDITIONS
Address:	5911 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5R04W002727
Regulatory Measure Type:	Construction

PARADISE UNIFIED SCHOOL DIST (Continued) **S112878282**

Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	08/30/2016
Operator Name:	Paradise Unified School Ditrict
Operator Address:	6696 Clark Road
Operator City:	Paradise
Operator State:	California
Operator Zip:	95969

Name:	PARADISE HIGH SCHOOL
Address:	5911 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	5R
Agency Number:	0
Regulatory Measure ID:	510538
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	5R04C387494
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/17/2019
Termination Date Of Regulatory Measure:	01/27/2022
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	5711 Maxwell Drive
Discharge Name:	Paradise High School
Discharge City:	Paradise
Discharge State:	California
Discharge Zip:	95969
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

CIWQS:

Name:	Paradise High School
Address:	5911 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Agency:	Paradise High School
Agency Address:	5711 Maxwell Drive, Paradise, CA 95969
Place/Project Type:	Construction - Other: School
SIC/NAICS:	Not reported
Region:	5R

PARADISE UNIFIED SCHOOL DIST (Continued) **S112878282**

Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5R04C387494
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/17/2019
Termination Date:	01/27/2022
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	39.761263
Longitude:	-121.612431

CERS:

Name:	PARADISE HIGH SCHOOL
Address:	5911 MAXWELL DR
City,State,Zip:	PARADISE, CA 95969
Site ID:	775164
CERS ID:	10941046
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	775164
Site Name:	Paradise High School
Violation Date:	11-01-2023
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Failure to obtain a EPA ID number prior to storing hazardous waste on site.
Violation Division:	Butte County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	775164
Site Name:	Paradise High School
Violation Date:	11-01-2023
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Failure to submit complete and accurate business plan. Facility information needs to be updated with EPD ID number. Site map needs to be updated with all required content.
Violation Division:	Butte County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

PARADISE UNIFIED SCHOOL DIST (Continued) **S112878282**

Evaluation:
- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 11-06-2023
- Violations Found: Yes
- Eval Type: Routine done by local agency
- Eval Notes: Not reported
- Eval Division: Butte County Environmental Health
- Eval Program: HMRRP
- Eval Source: CERS,

- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 11-06-2023
- Violations Found: Yes
- Eval Type: Routine done by local agency
- Eval Notes: Not reported
- Eval Division: Butte County Environmental Health
- Eval Program: HW
- Eval Source: CERS,

Coordinates:
- Site ID: 775164
- Facility Name: Paradise High School
- Env Int Type Code: HMBP
- Program ID: 10941046
- Coord Name: Not reported
- Ref Point Type Desc: Center of a facility or station.,
- Latitude: 39.760990
- Longitude: -121.613320

Affiliation:
- Affiliation Type Desc: CUPA District
- Entity Name: Butte County Environmental Health
- Entity Title: Not reported
- Affiliation Address: 202 Mira Loma Drive
- Affiliation City: Oroville
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 95965
- Affiliation Phone: (530) 552-3880,

- Affiliation Type Desc: Environmental Contact
- Entity Name: Troy Yartz
- Entity Title: Not reported
- Affiliation Address: 5911 Maxwell Dr
- Affiliation City: Paradise
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

- Affiliation Type Desc: Facility Mailing Address
- Entity Name: Mailing Address
- Entity Title: Not reported
- Affiliation Address: 5911 Maxwell Dr
- Affiliation City: Paradise
- Affiliation State: CA

PARADISE UNIFIED SCHOOL DIST (Continued) **S112878282**

Affiliation Country: Not reported
Affiliation Zip: 95969
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Troy Yartz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Troy Yartz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: PUSD
Entity Title: Not reported
Affiliation Address: 6696 Clark rd
Affiliation City: Paradise
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95969
Affiliation Phone: (530) 872-6400,

Affiliation Type Desc: Operator
Entity Name: Jake Timm
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (530) 513-3046,

Affiliation Type Desc: Parent Corporation
Entity Name: Paradise High School
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

6
ENE
1/8-1/4
0.129 mi.
679 ft.

STEIGER, BOB
1082 MAPLE PARK DR.
PARADISE, CA 95969

RCRA NonGen / NLR

1024748834
CAC002968617

Relative:
Higher

Actual:
1827 ft.

RCRA Listings:

Date Form Received by Agency:	20180628
Handler Name:	Steiger, Bob
Handler Address:	1082 Maple Park Dr.
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAC002968617
Contact Name:	STEIGER, BOB
Contact Address:	1082 MAPLE PARK DR.
Contact City,State,Zip:	PARADISE, CA 95969
Contact Telephone:	530-720-7454
Contact Fax:	Not reported
Contact Email:	SHERRY@ADVSMARTSOLUTIONS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1082 MAPLE PARK DR.
Mailing City,State,Zip:	PARADISE, CA 95969
Owner Name:	Steiger, Bob
Owner Type:	Other
Operator Name:	Steiger, Bob
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

STEIGER, BOB (Continued) **1024748834**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: STEIGER, BOB	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1082 MAPLE PARK DR.
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-720-7454
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: STEIGER, BOB	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1082 MAPLE PARK DR.
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-720-7454
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180628
Handler Name: STEIGER, BOB	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

STEIGER, BOB (Continued) **1024748834**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A7 **RIDGEVIEW CONTINUATION HIGH SCHOOL** **ENVIROSTOR** **S127094027**
NW **5944 MAXWELL DRIVE** **SCH** **N/A**
1/8-1/4 **PARADISE, CA 95969** **NPDES**
0.129 mi. **CIWQS**
681 ft. **Site 3 of 3 in cluster A** **CERS**

Relative: Higher
Actual: 1883 ft.

ENVIROSTOR:
Name: RIDGEVIEW CONTINUATION HIGH SCHOOL
Address: 5944 MAXWELL DRIVE
City,State,Zip: PARADISE, CA 95969
Facility ID: 60003086
Status: No Action Required
Status Date: 04/12/2021
Site Code: 104835
Site Type: School Investigation
Site Type Detailed: School
Acres: 2.14
NPL: NO
Regulatory Agencies: BUTTE COUNTY
Lead Agency: BUTTE COUNTY
Program Manager: Elizabeth Tisdale
Supervisor: Tim Crick
Division Branch: Cleanup Legacy Landfills
Assembly: 03
Senate: 01
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 39.7622
Longitude: -121.6116
APN: 053110009000, 053110010000, 053110064000, 053110065000
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 053110009000
Alias Type: APN
Alias Name: 053110010000
Alias Type: APN
Alias Name: 053110064000
Alias Type: APN
Alias Name: 053110065000
Alias Type: APN
Alias Name: 104835

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

Alias Type: Project Code (Site Code)
Alias Name: 60003086
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/22/2021
Comments: DTSC issued a Phase I Addendum required determination in a letter dated 22 January 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/17/2021
Comments: SITE VISIT TO OVERSEE PHASE I ADDENDUM SAMPLING

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 04/12/2021
Comments: DTSC approved the Site for no action in a letter dated 12 April 2021.

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

SCH:

Name: RIDGEVIEW CONTINUATION HIGH SCHOOL
Address: 5944 MAXWELL DRIVE
City,State,Zip: PARADISE, CA 95969
Facility ID: 60003086
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.14
National Priorities List: NO
Cleanup Oversight Agencies: BUTTE COUNTY
Lead Agency: BUTTE COUNTY
Lead Agency Description: BUTTE COUNTY
Project Manager: Elizabeth Tisdale
Supervisor: Tim Crick
Division Branch: Cleanup Legacy Landfills
Site Code: 104835
Assembly: 03
Senate: 01
Special Program Status: Not reported
Status: No Action Required
Status Date: 04/12/2021

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

Restricted Use: NO
Funding: School District
Latitude: 39.7622
Longitude: -121.6116
APN: 053110009000, 053110010000, 053110064000, 053110065000
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 053110009000
Alias Type: APN
Alias Name: 053110010000
Alias Type: APN
Alias Name: 053110064000
Alias Type: APN
Alias Name: 053110065000
Alias Type: APN
Alias Name: 104835
Alias Type: Project Code (Site Code)
Alias Name: 60003086
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/22/2021
Comments: DTSC issued a Phase I Addendum required determination in a letter dated 22 January 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/17/2021
Comments: SITE VISIT TO OVERSEE PHASE I ADDENDUM SAMPLING

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 04/12/2021
Comments: DTSC approved the Site for no action in a letter dated 12 April 2021.

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

NPDES:
Name: RIDGEVIEW HIGHSCHOOL
Address: 5944 MAXWELL DRIVE
City,State,Zip: PARADISE, CA 95969
Facility Status: Not reported

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5R04C394634
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	07/30/2021
Operator Name:	Paradise High School
Operator Address:	5711 Maxwell Drive
Operator City:	Paradise
Operator State:	California
Operator Zip:	95969

Name:	RIDGEVIEW HIGHSCHOOL
Address:	5944 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Facility Status:	Active
NPDES Number:	CAS000002
Region:	5R
Agency Number:	0
Regulatory Measure ID:	539566
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	5R04C394634
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/30/2021
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	5711 Maxwell Drive
Discharge Name:	Paradise High School
Discharge City:	Paradise
Discharge State:	California
Discharge Zip:	95969
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

CIWQS:

Name:	Ridgeview Highschool
Address:	5944 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Agency:	Paradise High School
Agency Address:	5711 Maxwell Drive, Paradise, CA 95969
Place/Project Type:	Construction - Other: School
SIC/NAICS:	Not reported
Region:	5R
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5R04C394634
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/30/2021
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	39.7623
Longitude:	-121.61167

CERS:

Name:	RIDGEVIEW CONTINUATI
Address:	5944 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Site ID:	609748
CERS ID:	60003086
CERS Description:	School Investigation

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	Elizabeth Tisdale
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Supervisor
Entity Name:	Jose Salcedo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

Name: RIDGEVIEW HIGHSCHOOL
Address: 5944 MAXWELL DRIVE
City,State,Zip: PARADISE, CA 95969
Site ID: 587950
CERS ID: 896687
CERS Description: Construction Storm Water

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2021
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Central Valley Water Board staff conducted an inspection. Please see the attached inspection report.
Eval Division: Water Boards
Eval Program: CONSTW
Eval Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Paradise High School
Entity Title: Operator
Affiliation Address: 5711 Maxwell Drive
Affiliation City: Paradise
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95969
Affiliation Phone: ,

B8 **ARCO SS #5819** **UST FINDER RELEASE** **1028919171**
ESE **5987 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.156 mi.
824 ft. **Site 1 of 7 in cluster B**

Relative:
Higher

Actual:
1857 ft.

UST FINDER RELEASE:
Object ID: 48800
Facility ID: Not reported
Lust ID: CAT0600700065
Name: ARCO SS #5819
Address: 5987 CLARK RD
City,State,Zip: PARADISE, CA 95969
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 572
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes
WHPA PWS Facility ID: CA0410007_16347
WHPA Water Type: GW - Ground water

ARCO SS #5819 (Continued) **1028919171**

WHPA Facility Type:	WL - Well
WHPA HUC12:	180201580401
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.60678
Y Coord:	39.75901
Latitude:	39.75901
Longitude:	-121.60678

B9 **BP 07036** **RCRA-SQG** **1025882386**
ESE **5987 CLARK RD** **E MANIFEST** **CAR000100321**
1/8-1/4 **PARADISE, CA 95969**
0.156 mi.
824 ft. **Site 2 of 7 in cluster B**

Relative: **Higher**

Actual: **1857 ft.**

RCRA Listings:

Date Form Received by Agency:	20160719
Handler Name:	Bp 07036
Handler Address:	Clark Rd
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAR000100321
Contact Name:	SARAH SAMUELS
Contact Address:	PO BOX 6038
Contact City,State,Zip:	ARTESIA, CA 90702
Contact Telephone:	360-526-3917
Contact Fax:	Not reported
Contact Email:	SARAH.SAMUELS@BP.COM
Contact Title:	RETAIL COMPLIANCE COORDINATOR
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,State,Zip:	RANCHO SANTA MARGARITA, CA 92688
Owner Name:	Bp Products North America Inc
Owner Type:	Private
Operator Name:	Bp Products North America Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

BP 07036 (Continued) **1025882386**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160825
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D018
Waste Description:	Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BP PRODUCTS NORTH AMERICA INC
Legal Status:	Private
Date Became Current:	19701101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	360-526-3917

BP 07036 (Continued) **1025882386**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BP PRODUCTS NORTH AMERICA INC
Legal Status: Private
Date Became Current: 19701101
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 6038
Owner/Operator City,State,Zip: ARTESIA, CA 90702
Owner/Operator Telephone: 360-526-3917
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20020710
Handler Name: ARCO FACILITY NO 05819
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160719
Handler Name: BP 07036
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

BP 07036 (Continued) **1025882386**

E MANIFEST:

Manifest Tracking Number:	012178900FLE
Last Updated Date:	20190917
Shipped Date:	20180717
Received Date:	20180727
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036
Generator Location Street Number:	Not reported
Generator Location Street 1:	5987 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 80249
Generator Mail Street 2:	Not reported
Generator Mail City:	RANCHO SANTA MARGARITA
Generator Mail Zip:	92688
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	012770865FLE
Last Updated Date:	20181207
Shipped Date:	20181107
Received Date:	20181115
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp West Coast Products, Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	5987 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported

BP 07036 (Continued) **1025882386**

Generator Mail Street 1:	P.O. BOX 80249
Generator Mail Street 2:	Not reported
Generator Mail City:	RANCHO SANTA MARGARITA
Generator Mail Zip:	92688
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	012770866FLE
Last Updated Date:	20201118
Shipped Date:	20181107
Received Date:	20181114
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036
Generator Location Street Number:	5987
Generator Location Street 1:	5987 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 80249
Generator Mail Street 2:	Not reported
Generator Mail City:	RANCHO SANTA MARGARITA
Generator Mail Zip:	92688
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 578
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MI S OF BEATTY
Designated Facility Location Street 2:	Not reported

BP 07036 (Continued) **1025882386**

Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019321471FLE
Last Updated Date:	20240608
Shipped Date:	20240522
Received Date:	20240529
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036-Cmsi-Former 05819
Generator Location Street Number:	5987
Generator Location Street 1:	5987 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5987 CLARK ROAD
Generator Mail Street 2:	Not reported
Generator Mail City:	PARADISE
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019321472FLE
Last Updated Date:	20240611
Shipped Date:	20240522
Received Date:	20240530
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036
Generator Location Street Number:	5987

BP 07036 (Continued) **1025882386**

Generator Location Street 1:	5987 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 80249
Generator Mail Street 2:	Not reported
Generator Mail City:	RANCHO SANTA MARGARITA
Generator Mail Zip:	92688
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019321473FLE
Last Updated Date:	20240611
Shipped Date:	20240522
Received Date:	20240530
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036
Generator Location Street Number:	5987
Generator Location Street 1:	5987 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 80249
Generator Mail Street 2:	Not reported
Generator Mail City:	RANCHO SANTA MARGARITA
Generator Mail Zip:	92688
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET

BP 07036 (Continued) **1025882386**

Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017532292FLE
Last Updated Date:	20221028
Shipped Date:	20220921
Received Date:	20220928
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036-Cmsi-Former 05819
Generator Location Street Number:	Not reported
Generator Location Street 1:	5987 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5987 CLARK ROAD
Generator Mail Street 2:	Not reported
Generator Mail City:	PARADISE
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017532293FLE
Last Updated Date:	20221025
Shipped Date:	20220921
Received Date:	20220929

BP 07036 (Continued) **1025882386**

Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036
Generator Location Street Number:	Not reported
Generator Location Street 1:	5987 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO Box 80249
Generator Mail Street 2:	Not reported
Generator Mail City:	Rancho Santa Margarita
Generator Mail Zip:	92688
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018935890FLE
Last Updated Date:	20240114
Shipped Date:	20231220
Received Date:	20231228
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036-Cmsi-Former 05819
Generator Location Street Number:	5987
Generator Location Street 1:	5987 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5987 CLARK ROAD
Generator Mail Street 2:	Not reported
Generator Mail City:	PARADISE
Generator Mail Zip:	95969
Generator Mail State:	CA

BP 07036 (Continued) **1025882386**

Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018935891FLE
Last Updated Date:	20240115
Shipped Date:	20231220
Received Date:	20231228
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000100321
Generator Name:	Bp 07036
Generator Location Street Number:	5987
Generator Location Street 1:	5987 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 80249
Generator Mail Street 2:	Not reported
Generator Mail City:	RANCHO SANTA MARGARITA
Generator Mail Zip:	92688
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N

BP 07036 (Continued) **1025882386**

Rejection Indicator: N

Manifest Tracking Number: 017537535FLE
Last Updated Date: 20230323
Shipped Date: 20230118
Received Date: 20230125
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: CAR000100321
Generator Name: Bp 07036-Cmsi-Former 05819
Generator Location Street Number: Not reported
Generator Location Street 1: 5987 CLARK ROAD
Generator Location Street 2: Not reported
Generator Location City: PARADISE
Generator Location State: CA
Generator Location Zip: 95969
Generator Mail Street Number: Not reported
Generator Mail Street 1: 5987 CLARK ROAD
Generator Mail Street 2: Not reported
Generator Mail City: PARADISE
Generator Mail Zip: 95969
Generator Mail State: CA
Generator Contact Company Name: Not reported
Designated Facility EPA ID: NVT330010000
Designated Facility Name: Us Ecology Nevada, Inc.
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: HWY 95 11 MILES S. OF BEATTY
Designated Facility Mail City: BEATTY
Designated Facility Mail Zip: 89003
Designated Facility Mail State: NV
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2: Not reported
Designated Facility Location City: BEATTY
Designated Facility Location Zip: 89003
Designated Facility Location State: NV
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

State Waste:
Manifest Tracking Number: 015013144FLE
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 134
State Waste: Aqueous solution with <10% total organic residues

Transporter:
Manifest Tracking Number: 015013144FLE
Transporter Line Number: 1
Transporter EPA ID: CAR000183913
Transporter Name: Belshire Transportation Services Inc

BP 07036 (Continued) **1025882386**

Waste Line:

Manifest Tracking Number:	015013144FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1203
U.S. DOT Description:	Un1203, Gasoline Mixture, 3, Pg Ii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	70
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.29190993
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.29190993
Waste Quantity, in Kilograms:	264.7711
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	264.7711
Management Method Code:	H039
Management Method Description:	OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Click this hyperlink while viewing on your computer to access
13 additional US EManifest: record(s) in the EDR Site Report.

B10 **ARCO 07036** **UST** **U004350976**
ESE **5987 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.156 mi.
824 ft. **Site 3 of 7 in cluster B**

Relative:
Higher

Actual:
1857 ft.

UST:

Name:	ARCO 07036
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Facility ID:	Not reported
Permitting Agency:	Butte County Environmental Health
CERSID:	10276174
Latitude:	39.7585700
Longitude:	-121.607410
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	4

ARCO 07036 (Continued) **U004350976**

Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	BP PRODUCTS NORTH AMERICA, INC.
Tank owner mailing address:	PO BOX 6038
Tank owner mailing city:	ARTESIA
Tank owner mailing zip:	90702
Tank owner mailing state:	CA
Tank operator name:	BP PRODUCTS NORTH AMERICA, INC./ THORNTON'S LLC
Tank operator mailing address:	PO BOX 6038
Tank operator mailing city:	ARTESIA
Tank operator mailing zip:	90702
Tank operator mailing state:	CA
Tankidnumber:	4
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/1/1990 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	ARCO 07036
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Facility ID:	Not reported
Permitting Agency:	Butte County Environmental Health
CERSID:	10276174
Latitude:	39.7585700
Longitude:	-121.607410
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	4
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	BP PRODUCTS NORTH AMERICA, INC.
Tank owner mailing address:	PO BOX 6038
Tank owner mailing city:	ARTESIA
Tank owner mailing zip:	90702
Tank owner mailing state:	CA
Tank operator name:	BP PRODUCTS NORTH AMERICA, INC./ THORNTON'S LLC
Tank operator mailing address:	PO BOX 6038
Tank operator mailing city:	ARTESIA

ARCO 07036 (Continued) **U004350976**

Tank operator mailing zip:	90702
Tank operator mailing state:	CA
Tankidnumber:	1
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/1/1990 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	ARCO 07036
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Facility ID:	Not reported
Permitting Agency:	Butte County Environmental Health
CERSID:	10276174
Latitude:	39.7585700
Longitude:	-121.607410
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	4
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	BP PRODUCTS NORTH AMERICA, INC.
Tank owner mailing address:	PO BOX 6038
Tank owner mailing city:	ARTESIA
Tank owner mailing zip:	90702
Tank owner mailing state:	CA
Tank operator name:	BP PRODUCTS NORTH AMERICA, INC./ THORNTON'S LLC
Tank operator mailing address:	PO BOX 6038
Tank operator mailing city:	ARTESIA
Tank operator mailing zip:	90702
Tank operator mailing state:	CA
Tankidnumber:	3
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/1/1990 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Premium Unleaded
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass

ARCO 07036 (Continued) **U004350976**

Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	ARCO 07036
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Facility ID:	Not reported
Permitting Agency:	Butte County Environmental Health
CERSID:	Not reported
Latitude:	39.7585700
Longitude:	-121.607410
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

Name:	ARCO 07036
Address:	5987 CLARK RD

ARCO 07036 (Continued) **U004350976**

City,State,Zip:	PARADISE, CA 95969
Facility ID:	Not reported
Permitting Agency:	Butte County Environmental Health
CERSID:	10276174
Latitude:	39.7585700
Longitude:	-121.607410
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	4
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	BP PRODUCTS NORTH AMERICA, INC.
Tank owner mailing address:	PO BOX 6038
Tank owner mailing city:	ARTESIA
Tank owner mailing zip:	90702
Tank owner mailing state:	CA
Tank operator name:	BP PRODUCTS NORTH AMERICA, INC./ THORNTON'S LLC
Tank operator mailing address:	PO BOX 6038
Tank operator mailing city:	ARTESIA
Tank operator mailing zip:	90702
Tank operator mailing state:	CA
Tankidnumber:	2
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/1/1990 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	ARCO 07036
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Facility ID:	Not reported
Permitting Agency:	Butte County Environmental Health
CERSID:	Not reported
Latitude:	39.75857
Longitude:	-121.60741
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported

ARCO 07036 (Continued) **U004350976**

Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

B11 **ARCO SS #5819, CASE 2** **UST FINDER RELEASE** **1028919170**
ESE **5987 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.156 mi.
824 ft. **Site 4 of 7 in cluster B**

Relative:
Higher

Actual:
1857 ft.

UST FINDER RELEASE:

Object ID:	48801
Facility ID:	Not reported
Lust ID:	CAT0600700204
Name:	ARCO SS #5819, CASE 2
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	572
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0410007_16347

ARCO SS #5819, CASE 2 (Continued) **1028919170**

WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180201580401
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.60678
Y Coord:	39.75901
Latitude:	39.75901
Longitude:	-121.60678

B12 **ARCO 07036** **UST FINDER** **1028187192**
ESE **5987 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.156 mi.
824 ft. **Site 5 of 7 in cluster B**

Relative: **Higher**

Actual: **1857 ft.**

UST FINDER:

Object ID:	731423
Facility ID:	CA10276174
Name:	ARCO 07036
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Address Match Type:	PointAddress
Open USTs:	4
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	562
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, High Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Not reported
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.607136001
Y Coord:	39.7591369830001
Latitude:	39.7591369830813
Longitude:	-121.607136000696

UST FINDER:

ARCO 07036 (Continued) **1028187192**

Object ID:	2259340
Facility ID:	CA10276174
Tank ID:	CA10276174-004_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1990/01/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Diesel
Tank Wall Type:	Double Wall

Object ID:	2259341
Facility ID:	CA10276174
Tank ID:	CA10276174-003_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1990/01/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Premium Unleaded
Tank Wall Type:	Double Wall

Object ID:	2259342
Facility ID:	CA10276174
Tank ID:	CA10276174-002_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1990/01/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Regular Unleaded
Tank Wall Type:	Double Wall

Object ID:	2259343
Facility ID:	CA10276174
Tank ID:	CA10276174-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1990/01/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Regular Unleaded
Tank Wall Type:	Double Wall

B13
ESE
1/8-1/4
0.156 mi.
824 ft.

Relative:
Higher

Actual:
1857 ft.

PARADISE ARCO STATION
5987 CLARK ROAD
PARADISE, CA 95969

Site 6 of 7 in cluster B

LUST **S101580588**
CERS HAZ WASTE **N/A**
SWEEPS UST
CERS TANKS
CA FID UST
CHMIRS
Cortese
CUPA Listings
EMI
HIST CORTESE
HAZNET
CERS

LUST:

Name:	ARCO SS #5819
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969

PARADISE ARCO STATION (Continued) **S101580588**

Lead Agency: BUTTE COUNTY
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600700065
Latitude: 39.7592002333333
Longitude: -121.607198566667
Status: Completed - Case Closed
Status Date: 07/13/1993
Case Worker: LR
RB Case Number: 040069
Local Agency: BUTTE COUNTY
File Location: Local Agency
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 06/18/1992
Leak Reported Date: 06/19/1992
How Discovered: Facility Inspection
How Discovered Description: Not reported
Discharge Source: Other
Discharge Cause: Overfill
Stop Method: Other Means
Stop Description: Not reported
No Further Action Date: 07/13/1993
CA Water Watershed Name: Butte Creek - Upper Dry Creek (521.10)
Dwr Groundwater Subbasin Name: Not reported
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 31-35%
CA Enviroscreen 4 Score: 35-40%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5R)
Site History: Not reported

LUST:
Global Id: T0600700065
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: LESLIE ROBERTS
Organization Name: BUTTE COUNTY
Address: 411 MAIN STREET
City: CHICO
Email: lroberts@buttecounty.net
Phone Number: 5308912727

LUST:
Global Id: T0600700065
Action Type: Other
Date: 06/18/1992
Action: Leak Discovery

Global Id: T0600700065
Action Type: Other

PARADISE ARCO STATION (Continued) **S101580588**

Date: 06/19/1992
Action: Leak Reported

Global Id: T0600700065
Action Type: ENFORCEMENT
Date: 07/13/1993
Action: Closure/No Further Action Letter

Global Id: T0600700065
Action Type: Other
Date: 06/18/1992
Action: Leak Stopped

LUST:
Global Id: T0600700065
Status: Open - Case Begin Date
Status Date: 06/18/1992

Global Id: T0600700065
Status: Open - Site Assessment
Status Date: 07/23/1992

Global Id: T0600700065
Status: Completed - Case Closed
Status Date: 07/13/1993

Name: ARCO SS #5819, CASE 2
Address: 5987 CLARK RD
City,State,Zip: PARADISE, CA 95969
Lead Agency: BUTTE COUNTY
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600700204
Latitude: 39.7592002333334
Longitude: -121.606965233333
Status: Completed - Case Closed
Status Date: 12/03/1998
Case Worker: LR
RB Case Number: 040209
Local Agency: BUTTE COUNTY
File Location: Local Agency
Local Case Number: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 11/20/1998
Leak Reported Date: 11/20/1998
How Discovered: Other Means
How Discovered Description: Not reported
Discharge Source: Other
Discharge Cause: Spill
Stop Method: Other Means

PARADISE ARCO STATION (Continued) **S101580588**

Stop Description: Not reported
No Further Action Date: 12/03/1998
CA Water Watershed Name: Butte Creek - Upper Dry Creek (521.10)
Dwr Groundwater Subbasin Name: Not reported
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 31-35%
CA Enviroscreen 4 Score: 35-40%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5R)
Site History: Not reported

LUST:
Global Id: T0600700204
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: LESLIE ROBERTS
Organization Name: BUTTE COUNTY
Address: 411 MAIN STREET
City: CHICO
Email: lroberts@buttecounty.net
Phone Number: 5308912727

LUST:
Global Id: T0600700204
Action Type: Other
Date: 11/20/1998
Action: Leak Reported

Global Id: T0600700204
Action Type: ENFORCEMENT
Date: 12/03/1998
Action: Closure/No Further Action Letter

Global Id: T0600700204
Action Type: Other
Date: 11/20/1998
Action: Leak Stopped

Global Id: T0600700204
Action Type: Other
Date: 11/20/1998
Action: Leak Discovery

LUST:
Global Id: T0600700204
Status: Open - Case Begin Date
Status Date: 11/20/1998

Global Id: T0600700204
Status: Open - Site Assessment
Status Date: 11/20/1998

Global Id: T0600700204
Status: Completed - Case Closed
Status Date: 12/03/1998

PARADISE ARCO STATION (Continued) **S101580588**

LUST REG 5:
Name: ARCO SS #5819, CASE 2
Address: 5987 CLARK RD
City: PARADISE
Region: 5
Status: Case Closed
Case Number: 040209
Case Type: Undefined
Substance: GASOLINE
Staff Initials: RDJ
Lead Agency: Local
Program: LUST
MTBE Code: N/A

Name: ARCO SS #5819
Address: 5987 CLARK RD
City: PARADISE
Region: 5
Status: Case Closed
Case Number: 040069
Case Type: Soil only
Substance: GASOLINE
Staff Initials: RDJ
Lead Agency: Local
Program: LUST
MTBE Code: N/A

CERS HAZ WASTE:
Name: ARCO 07036
Address: 5987 CLARK RD
City,State,Zip: PARADISE, CA 95969
Site ID: 385384
CERS ID: 10276174
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: ARCO FACILITY #5819/PRESTIGE STATIONS, INC
Address: 5987 CLARK RD
City: PARADISE
Status: Active
Comp Number: 12354
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-05-92
Action Date: 02-23-94
Created Date: 05-05-92
Owner Tank Id: 1-UNL-R
SWRCB Tank Id: 04-000-012354-000001
Tank Status: A
Capacity: 10000
Active Date: 05-05-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

PARADISE ARCO STATION (Continued) **S101580588**

Name:	ARCO FACILITY #5819/PRESTIGE STATIONS, INC
Address:	5987 CLARK RD
City:	PARADISE
Status:	Active
Comp Number:	12354
Number:	1
Board Of Equalization:	Not reported
Referral Date:	05-05-92
Action Date:	02-23-94
Created Date:	05-05-92
Owner Tank Id:	2-UNL-R
SWRCB Tank Id:	04-000-012354-000002
Tank Status:	A
Capacity:	10000
Active Date:	05-05-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ARCO FACILITY #5819/PRESTIGE STATIONS, INC
Address:	5987 CLARK RD
City:	PARADISE
Status:	Active
Comp Number:	12354
Number:	1
Board Of Equalization:	Not reported
Referral Date:	05-05-92
Action Date:	02-23-94
Created Date:	05-05-92
Owner Tank Id:	3-UNL-R
SWRCB Tank Id:	04-000-012354-000003
Tank Status:	A
Capacity:	10000
Active Date:	05-05-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ARCO FACILITY #5819/PRESTIGE STATIONS, INC
Address:	5987 CLARK RD
City:	PARADISE
Status:	Active
Comp Number:	12354
Number:	1
Board Of Equalization:	Not reported
Referral Date:	05-05-92
Action Date:	02-23-94
Created Date:	05-05-92
Owner Tank Id:	2-UNL-R
SWRCB Tank Id:	04-000-012354-000004
Tank Status:	A
Capacity:	10000
Active Date:	05-05-92
Tank Use:	M.V. FUEL
STG:	P

PARADISE ARCO STATION (Continued) **S101580588**

Content: REG UNLEADED
Number Of Tanks: Not reported

CERS TANKS:
Name: ARCO 07036
Address: 5987 CLARK RD
City,State,Zip: PARADISE, CA 95969
Site ID: 385384
CERS ID: 10276174
CERS Description: Underground Storage Tank

CA FID UST:
Facility ID: 04000059
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9168774628
Mail To: Not reported
Mailing Address: 17315 STRUDEBAKER RD
Mailing Address 2: Not reported
Mailing City,St,Zip: PARADISE 95969
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:
Name: Not reported
Address: 5987 CLARK RD.
City,State,Zip: PARADISE, CA 95969
OES Incident Number: 16-4106
OES notification: 07/06/2016
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported

PARADISE ARCO STATION (Continued) **S101580588**

Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1930
Year:	2016
Agency:	British Petroleum BP
Incident Date:	07/06/2016
Admin Agency:	Butte County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline 91 octane
Quantity Released:	120
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Per the caller: The fuel released into secondary containment due to a faulty coupling inside the turbine sump. The turbine has been shut off and the product is not being used until repairs are complete. No impact to waterways or storm drains. The fuel w

CORTESE:

Name:	ARCO SS #5819
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969

PARADISE ARCO STATION (Continued) **S101580588**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600700065
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

Name:	ARCO SS #5819, CASE 2
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600700204
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CUPA BUTTE:

Name:	ARCO 07036
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	GENERAL UST
Billing Status:	ACTIVE, EXEMPT FROM BILLING
CERS ID:	10276174

Name:	ARCO 07036
Address:	5987 CLARK RD

PARADISE ARCO STATION (Continued) **S101580588**

City,State,Zip: PARADISE, CA 95969
Program/Element: PERMITTED UST FACILITY WITH 1-5 HM MATERIALS
Billing Status: ACTIVE, BILLABLE
CERS ID: 10276174

Name: ARCO 07036
Address: 5987 CLARK RD
City,State,Zip: PARADISE, CA 95969
Program/Element: HAZ WASTE GEN < THAN 100 kg/mo
Billing Status: INACTIVE, NON-BILLABLE
CERS ID: 10276174

Name: ARCO 07036
Address: 5987 CLARK RD
City,State,Zip: PARADISE, CA 95969
Program/Element: GENERAL HAZ WASTE
Billing Status: ACTIVE, EXEMPT FROM BILLING
CERS ID: 10276174

EMI:

Name: PARADISE ARCO STATION
Address: 5987 CLARK ROAD
City,State,Zip: PARADISE, CA 95969
Year: 2011
County Code: 4
Air Basin: SV
Facility ID: 439
Air District Name: BUT
SIC Code: 5541
Air District Name: BUTTE COUNTY AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.55
Reactive Organic Gases Tons/Yr: 1.544265
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PARADISE ARCO STATION
Address: 5987 CLARK ROAD
City,State,Zip: PARADISE, CA 95969
Year: 2012
County Code: 4
Air Basin: SV
Facility ID: 439
Air District Name: BUT
SIC Code: 5541
Air District Name: BUTTE COUNTY AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.55
Reactive Organic Gases Tons/Yr: 1.544265
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

PARADISE ARCO STATION (Continued) **S101580588**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PARADISE ARCO STATION
Address: 5987 CLARK ROAD
City,State,Zip: PARADISE, CA 95969
Year: 2013
County Code: 4
Air Basin: SV
Facility ID: 439
Air District Name: BUT
SIC Code: 5541
Air District Name: BUTTE COUNTY AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.55
Reactive Organic Gases Tons/Yr: 1.544265
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PARADISE ARCO STATION
Address: 5987 CLARK ROAD
City,State,Zip: PARADISE, CA 95969
Year: 2014
County Code: 4
Air Basin: SV
Facility ID: 439
Air District Name: BUT
SIC Code: 5541
Air District Name: BUTTE COUNTY AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.55
Reactive Organic Gases Tons/Yr: 1.55
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PARADISE ARCO STATION
Address: 5987 CLARK ROAD
City,State,Zip: PARADISE, CA 95969
Year: 2015
County Code: 4
Air Basin: SV
Facility ID: 439
Air District Name: BUT
SIC Code: 5541
Air District Name: BUTTE COUNTY AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.55
Reactive Organic Gases Tons/Yr: 1.55

PARADISE ARCO STATION (Continued) **S101580588**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PARADISE ARCO STATION
Address: 5987 CLARK ROAD
City,State,Zip: PARADISE, CA 95969
Year: 2016
County Code: 4
Air Basin: SV
Facility ID: 439
Air District Name: BUT
SIC Code: 5541
Air District Name: BUTTE COUNTY AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.55
Reactive Organic Gases Tons/Yr: 1.55
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

HIST CORTESE:
edr_fname: ARCO SS #5819, CASE 2
edr_fadd1: 5987 CLARK
City,State,Zip: PARADISE, CA 95969
Region: CORTESE
Facility County Code: 4
Reg By: LTNKA
Reg Id: 040209

edr_fname: ARCO SS #5819
edr_fadd1: 5987 CLARK
City,State,Zip: PARADISE, CA 95969
Region: CORTESE
Facility County Code: 4
Reg By: LTNKA
Reg Id: 040069

HAZNET:
Name: BP WEST COAST PRODUCTS LLC 05819
Address: 5987 CLARK RD
Address 2: Not reported
City,State,Zip: PARADISE, CA 95969
Contact: JACK OMAN WASTE SPECIALIST
Telephone: 7146703958
Mailing Name: Not reported
Mailing Address: PO BOX 80249

Year: 2006
Gepaid: CAR000100321
TSD EPA ID: CAT080013352

PARADISE ARCO STATION (Continued) **S101580588**

CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.651
Year:	2006
Gepaid:	CAR000100321
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.275
Year:	2005
Gepaid:	CAR000100321
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	1.092
Year:	2005
Gepaid:	CAR000100321
TSD EPA ID:	CAD009452657
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	R01 - Recycler
Tons:	6.255
Year:	2005
Gepaid:	CAR000100321
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.25
Year:	2005
Gepaid:	CAR000100321
TSD EPA ID:	CAD980675276
CA Waste Code:	352 - Other organic solids
Disposal Method:	D80 - Disposal, Land Fill
Tons:	1.6856
Year:	2005
Gepaid:	CAR000100321
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	R01 - Recycler
Tons:	0.0198
Year:	2004
Gepaid:	CAR000100321
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.1
Year:	2004
Gepaid:	CAR000100321

PARADISE ARCO STATION (Continued) **S101580588**

TSD EPA ID:	CAD980675276
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	33.712
Year:	2004
Gepaid:	CAR000100321
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.672

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:

Year:	2006
Gen EPA ID:	CAR000100321
Shipment Date:	20060628
Creation Date:	9/8/2006 18:31:48
Receipt Date:	20060705
Manifest ID:	25171877
Trans EPA ID:	CAR000165175
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060628
Creation Date:	9/17/2006 18:32:40
Receipt Date:	20060707
Manifest ID:	25171880
Trans EPA ID:	CAR000165175
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO SONS
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported

PARADISE ARCO STATION (Continued) **S101580588**

Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060214
Creation Date:	5/27/2006 18:30:56
Receipt Date:	20060220
Manifest ID:	24858348
Trans EPA ID:	CAR000165175
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060214
Creation Date:	7/5/2006 12:02:53
Receipt Date:	20060221
Manifest ID:	24858349
Trans EPA ID:	CAR000165175
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

PARADISE ARCO STATION (Continued) **S101580588**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Information:
Year: 2005
Gen EPA ID: CAR000100321

Shipment Date: 20051020
Creation Date: 6/22/2006 18:31:22
Receipt Date: 20051024
Manifest ID: 24747109
Trans EPA ID: CAR000165175
Trans Name: BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENVIRONMENTAL
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.0198
Waste Quantity: 6
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20051020
Creation Date: 6/22/2006 18:31:22
Receipt Date: 20051024
Manifest ID: 24747109
Trans EPA ID: CAR000165175
Trans Name: BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENVIRONMENTAL
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D018
Meth Code: H01 - Transfer Station
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20051020
Creation Date: 7/12/2006 18:30:47

PARADISE ARCO STATION (Continued) **S101580588**

Receipt Date:	20051031
Manifest ID:	24747108
Trans EPA ID:	CAR000165175
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050608
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050610
Manifest ID:	24473640
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SVCS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050510
Creation Date:	8/17/2005 18:32:04
Receipt Date:	20050518
Manifest ID:	24533897
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352

PARADISE ARCO STATION (Continued) **S101580588**

TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	EXEM
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050510
Creation Date:	8/24/2005 7:27:35
Receipt Date:	20050516
Manifest ID:	24533894
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050120
Creation Date:	4/20/2006 18:30:56
Receipt Date:	20050120
Manifest ID:	24072222
Trans EPA ID:	CAD982523433
Trans Name:	DILLARD ENVIRONMENTAL SVCS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	6.255
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

PARADISE ARCO STATION (Continued) **S101580588**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050105
Creation Date:	6/3/2005 18:31:06
Receipt Date:	20050106
Manifest ID:	24072081
Trans EPA ID:	CAD982523433
Trans Name:	DILLARD ENVIRONMENTAL SVCS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2004
Gen EPA ID:	CAR000100321
Shipment Date:	20041223
Creation Date:	4/20/2006 18:30:56
Receipt Date:	20041228
Manifest ID:	24072055
Trans EPA ID:	CAD982523433
Trans Name:	DILLARD ENVIRONMENTAL SVCS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS
TSDF Alt EPA ID:	CAD980675276
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041117

PARADISE ARCO STATION (Continued) **S101580588**

Creation Date:	2/17/2005 18:32:22
Receipt Date:	20041123
Manifest ID:	24099086
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	EXEM
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040915
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20040922
Manifest ID:	23867946
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	EXEM
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040512
Creation Date:	10/15/2004 10:47:43
Receipt Date:	20040524
Manifest ID:	23614710
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL

PARADISE ARCO STATION (Continued) **S101580588**

TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040420
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040423
Manifest ID:	23390864
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040106
Creation Date:	8/19/2004 11:23:49
Receipt Date:	20040109
Manifest ID:	23538540
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.378
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported

PARADISE ARCO STATION (Continued) **S101580588**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Information:
Year: 2003
Gen EPA ID: CAR000100321

Shipment Date: 20030515
Creation Date: 6/23/2004 10:00:42
Receipt Date: 20030519
Manifest ID: 22494847
Trans EPA ID: CAD983584681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030409
Creation Date: 8/5/2003 18:30:51
Receipt Date: 20030410
Manifest ID: 22017430
Trans EPA ID: CAD983584681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

PARADISE ARCO STATION (Continued) **S101580588**

Shipment Date:	20030409
Creation Date:	7/13/2003 18:31:11
Receipt Date:	20030417
Manifest ID:	22362571
Trans EPA ID:	CAD983584681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	ARCO SS #5819
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	893815
CERS ID:	T0600700065
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LESLIE ROBERTS - BUTTE COUNTY
Entity Title:	Not reported
Affiliation Address:	411 MAIN STREET
Affiliation City:	CHICO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5308912727,

Name:	ARCO 07036
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	385384
CERS ID:	10276174
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2015
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to comply with one or more of the following: maintain the

PARADISE ARCO STATION (Continued) **S101580588**

spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.

Violation Notes: Returned to compliance on 06/08/2015.
Violation Division: Butte County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 385384
Site Name: ARCO 07036
Violation Date: 06-08-2016
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description: Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes: Returned to compliance on 06/29/2016. no SB 989 report on file at the facility or submitted to CUPA; per DO and operator, the test was conducted in 2014 by Dialysis North. - request the report or schedule a test within thirty days of inspection date.
Violation Division: Butte County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 385384
Site Name: ARCO 07036
Violation Date: 04-25-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 04/25/2017. Tank installation date missing for all four tanks. Tank construction material for tank #2 indicates that the primary and secondary containments are made of steel and corrosion protection is not listed. Construction material for tanks #3 and #4 indicate that the primary is steel and the secondary is jacketed. The corrosion protection should be marked as isolation. Return to compliance: Review and update information for your tanks. If you cannot find the date of install for the tanks, then use 1/1/1900 as the date. Note: At inspection I noted that the secondary containment for all four tanks appear to be fiberglass.
Violation Division: Butte County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 385384
Site Name: ARCO 07036
Violation Date: 06-08-2016
Citation: 23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description: Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.
Violation Notes: Returned to compliance on 06/29/2016. no 2014 test results submitted

PARADISE ARCO STATION (Continued) **S101580588**

	to CUPA - submit.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2016
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 09/12/2016.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	04-25-2017
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 04/25/2017. 87 grade line leak detector initially failed testing. RD Return to compliance: Replace or repair line leak detector, and retest. Corrected at time of inspection. It was found that the piping run distance was incorrectly programmed into the Veeder-Root as well as air being present in the product piping. The technician reprogrammed the Veeter-Root with the proper piping run distance and purged air from the product piping. Passed on retest.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	04-25-2017
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description:	Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes:	Returned to compliance on 04/25/2017. The piping run for the grade 87 was programmed incorrect per technician. It was programmed as 170 feet instead of 230 feet. This issue was discovered during LLD testing for grade 87. RD Return to compliance: Reprogram Veeter-Root with the proper piping run distance. Corrected at time of inspection.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	04-23-2018

PARADISE ARCO STATION (Continued) **S101580588**

Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 04/23/2018. 87 grade line leak detector failed testing. Per technician, air in the system prevents detector from finding the leak. Technician purged the system, re-tested - failed; replaced check valves in both turbines on 87 grade tanks; re-tested - failed. It is technicians determination that the reason is broken siphon jet valve on the turbine of east side tank. Technician ordered a spare part and was waiting to get it on site. - Repair, re-test and report to CUPA.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2015
Citation:	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description:	Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes:	Returned to compliance on 06/08/2015.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2016
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes:	Returned to compliance on 09/12/2016. no SB 989 report on file at the facility or submitted to CUPA; per DO and operator, the test was conducted in 2014 by Dialysis North. - request the report or schedule a test within thirty days of inspection date.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2016
Citation:	23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description:	Failure to submit a copy of the secondary containment test results to

PARADISE ARCO STATION (Continued) **S101580588**

	the CUPA within 30 days after the test.
Violation Notes:	Returned to compliance on 09/12/2016. no 2014 test results submitted to CUPA - submit.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	04-25-2017
Citation:	23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 05/23/2017. Tank installation date missing for all four tanks. Tank construction material for tank #2 indicates that the primary and secondary containments are made of steel and corrosion protection is not listed. Construction material for tanks #3 and #4 indicate that the primary is steel and the secondary is jacketed. The corrosion protection should be marked as isolation. Return to compliance: Review and update information for your tanks. If you cannot find the date of install for the tanks, then use 1/1/1900 as the date. Note: At inspection I noted that the secondary containment for all four tanks appear to be fiberglass.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2016
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 06/29/2016.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-10-2014
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 06/11/2014.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2015
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

PARADISE ARCO STATION (Continued) **S101580588**

Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes:	Returned to compliance on 06/08/2015.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2015
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes:	Returned to compliance on 06/08/2016.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-10-2014
Citation:	23 CCR 16 2715(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(b)
Violation Description:	Failure to submit statement of UST compliance and/or Designated Operator current certification.
Violation Notes:	Returned to compliance on 06/24/2014.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	05-24-2022
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/06/2022. Facility map is of the old store that was destroyed in 2018. Corrective Action: Update the site map documenting new store with all required content and electronically submit it to CERS.
Violation Division:	Butte County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-10-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/11/2014.
Violation Division:	Butte County Environmental Health

PARADISE ARCO STATION (Continued) **S101580588**

Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Received consent to conduct inspection, make copies of documents, collect samples, take pictures, if needed - no copies made, no samples, pictures taken at the time of inspection.
Eval Division: Butte County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Received consent to conduct inspection, make copies of documents, collect samples, take pictures, if needed - no copies made, no samples, pictures taken at the time of inspection.
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent to perform the inspection review documents copy documents take photos or collect samples provided by Robert Rawlings at 09:00 a.m. No photographs copied documents or samples were obtained during this inspection.
Eval Division: Butte County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent to perform the inspection, review documents, copy documents, take photos or collect samples provided by Robert Rawlings at 09:00 a.m. No photographs, copied documents or samples were obtained during this inspection.
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: UST

PARADISE ARCO STATION (Continued) **S101580588**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Received consent to conduct inspection make copies of documents collect samples take pictures if needed - no copies made no samples pictures taken at the time of inspection.
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-01-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Received consent to conduct inspection make copies of documents collect samples take pictures if needed - no copies made no samples pictures taken at the time of inspection.
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Monitoring certification was for piping repair testing and for the annual monitoring certification. The next monitoring certification

PARADISE ARCO STATION (Continued) **S101580588**

will be due 365 days from today's certification. Please update CERS to reflect piping and tank content changes.

Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-25-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent to perform the inspection, review documents, copy documents, take photos or collect samples provided by Brionna Biggers, Cashier, at 09:00 a.m. No photographs, copied documents or samples were obtained during this inspection. UST Testing Performed by Gettler - Ryan Company by the following ICC Certified Technician: Darnell Smith California UST Service Technician ICC #8709494 expires 11/17/2023; Veeder Root B-48857, 03/23/24; VMI #4071, 05/28/23; OPW #1193919, 07/06/24
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: inspection w/Amy Jennifer (intern)
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

PARADISE ARCO STATION (Continued) **S101580588**

Eval General Type: Other/Unknown
Eval Date: 06-11-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-24-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: annual monitoring cert inspection follow-up
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent to perform the inspection, review documents, copy documents, take photos or collect samples provided by Robert Rawlings at 09:00 a.m. No photographs, copied documents or samples were obtained during this inspection. https://www.iccsafe.org/search-for-certified-professionals/ UST Testing Performed by Gettler Ryans by the following ICC Certified Technician: Darnell Smith California UST Service Technician (8709494, expires 11/17/2023) Veeder Root (B48857, 03/22/2022) VMI (4070, 5/28/2023) Vapor Recovery System Installation and Repair (expires 02/08/2022)
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent to perform the inspection review documents copy documents take photos or collect samples provided by Robert Rawlings at 09:00 a.m. No photographs copied documents or samples were obtained during this inspection.
Eval Division: Butte County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

PARADISE ARCO STATION (Continued) **S101580588**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 385384
Site Name: ARCO 07036
Site Address: 5987 CLARK RD
Site City: PARADISE
Site Zip: 95969
Enf Action Date: 04-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Butte County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 385384
Site Name: ARCO 07036
Site Address: 5987 CLARK RD
Site City: PARADISE
Site Zip: 95969
Enf Action Date: 04-25-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Butte County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 385384
Site Name: ARCO 07036
Site Address: 5987 CLARK RD

PARADISE ARCO STATION (Continued) **S101580588**

Site City:	PARADISE
Site Zip:	95969
Enf Action Date:	05-24-2022
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Butte County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS,

Site ID:	385384
Site Name:	ARCO 07036
Site Address:	5987 CLARK RD
Site City:	PARADISE
Site Zip:	95969
Enf Action Date:	06-08-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Butte County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Site ID:	385384
Site Name:	ARCO 07036
Site Address:	5987 CLARK RD
Site City:	PARADISE
Site Zip:	95969
Enf Action Date:	06-08-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Butte County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Site ID:	385384
Site Name:	ARCO 07036
Site Address:	5987 CLARK RD
Site City:	PARADISE
Site Zip:	95969
Enf Action Date:	06-10-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Butte County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,

Site ID:	385384
Site Name:	ARCO 07036
Site Address:	5987 CLARK RD
Site City:	PARADISE
Site Zip:	95969
Enf Action Date:	06-10-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection

PARADISE ARCO STATION (Continued) **S101580588**

Enf Action Notes: Not reported
Enf Action Division: Butte County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 385384
Facility Name: ARCO 07036
Env Int Type Code: HMBP
Program ID: 10276174
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 39.758570
Longitude: -121.607410

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: BP PRODUCTS NORTH AMERICA, INC
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90702
Affiliation Phone: (360) 970-2296,

Affiliation Type Desc: UST Tank Operator
Entity Name: MSCO STRAUCH MANAGEMENT, LLC
Entity Title: Not reported
Affiliation Address: 5987 CLARK RD
Affiliation City: PARADISE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95969
Affiliation Phone: (916) 257-6881,

Affiliation Type Desc: Parent Corporation
Entity Name: BP PRODUCTS NORTH AMERICA, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: BP PRODUCTS NORTH AMERICA, INC
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90702
Affiliation Phone: (360) 970-2296,

PARADISE ARCO STATION (Continued) **S101580588**

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	BP PRODUCTS NORTH AMERICA, INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	Artesia
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702
Affiliation Phone:	(360) 970-2296,

Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	KIMBERLY MEDICUS
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90702
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	KIMBERLY MEDICUS
Entity Title:	HSSE&C ADVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	MSCO STRAUCH MANAGEMENT, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(916) 257-6881,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	SARAH SAMUELS
Entity Title:	RETAIL COMPLIANCE COORDINATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

PARADISE ARCO STATION (Continued) **S101580588**

Affiliation Zip: Not reported
Affiliation Phone: (360) 371-1500,

Affiliation Type Desc: UST Tank Owner
Entity Name: BP PRODUCTS NORTH AMERICA, INC
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90702
Affiliation Phone: (360) 970-2296,

Affiliation Type Desc: CUPA District
Entity Name: Butte County Environmental Health
Entity Title: Not reported
Affiliation Address: 202 Mira Loma Drive
Affiliation City: Oroville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95965
Affiliation Phone: (530) 552-3880,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO BOX 6038
Affiliation City: ARTESIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90702
Affiliation Phone: ,

Name: ARCO SS #5819, CASE 2
Address: 5987 CLARK RD
City,State,Zip: PARADISE, CA 95969
Site ID: 902670
CERS ID: T0600700204
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LESLIE ROBERTS - BUTTE COUNTY
Entity Title: Not reported
Affiliation Address: 411 MAIN STREET
Affiliation City: CHICO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5308912727,

B14 **ARCO FACILITY #5819** **UST** **U004344207**
ESE **5987 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.156 mi.
824 ft. **Site 7 of 7 in cluster B**

Relative: UST:
Higher

Actual:
1857 ft.

Name:	ARCO FACILITY #5819
Address:	5987 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Facility ID:	12354
Permitting Agency:	BUTTE COUNTY
CERSID:	Not reported
Latitude:	39.76017
Longitude:	-121.605972
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

C15 **ROGER LINDGREN** **CUPA Listings** **S118584250**
East **5993 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.162 mi.
853 ft. **Site 1 of 6 in cluster C**

Relative: **Higher**

Actual: **1853 ft.**

CUPA BUTTE:

Name:	ROGER LINDGREN
Address:	5993 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	GENERAL UST
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	Not reported

C16 **RITE AID #06092** **RCRA NonGen / NLR** **1023675119**
East **6007 CLARK ROAD** **E MANIFEST** **CAR000270926**
1/8-1/4 **PARADISE, CA 95969**
0.165 mi.
872 ft. **Site 2 of 6 in cluster C**

Relative: **Higher**

Actual: **1853 ft.**

RCRA Listings:

Date Form Received by Agency:	20240105
Handler Name:	Rite Aid #6092
Handler Address:	Clark Rd
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAR000270926
Contact Name:	JOSEPH A CHEST
Contact Address:	PO BOX 3165
Contact City,State,Zip:	HARRISBURG, PA 17105
Contact Telephone:	717-975-8643
Contact Fax:	717-972-3989
Contact Email:	EHS@RITEAID.COM
Contact Title:	MANAGER, ENVIRONMENTAL HEALTH SERVICES
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 3165
Mailing City,State,Zip:	HARRISBURG, PA 17105
Owner Name:	D&S Paradise Property & Investment, Llc
Owner Type:	Private
Operator Name:	Thrifty Payless Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

RITE AID #06092 (Continued) **1023675119**

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20240111
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D007
Waste Description: Chromium

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

RITE AID #06092 (Continued) **1023675119**

Waste Code: D022
Waste Description: Chloroform

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D026
Waste Description: Cresol

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U188
Waste Description: Phenol

Waste Code: U201
Waste Description: 1,3-Benzenediol (Or) Resorcinol

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: 30 HUNTER LANE
Owner/Operator City,State,Zip: CAMP HILL, PA 17011
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

RITE AID #06092 (Continued) **1023675119**

Owner/Operator Indicator:	Owner
Owner/Operator Name: D&S PARADISE PROPERTY & INVESTMENT, LLC	
Legal Status:	Private
Date Became Current:	20101007
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3146
Owner/Operator City,State,Zip:	CHICO, CA 95928
Owner/Operator Telephone:	717-975-8643
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	717-972-3989
Owner/Operator Email:	EHS@RITEAID.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: THRIFTY PAYLESS INC	
Legal Status:	Private
Date Became Current:	20101007
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3165
Owner/Operator City,State,Zip:	HARRISBURG, PA 17105
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	EHS@RITEAID.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: THRIFTY PAYLESS INC	
Legal Status:	Private
Date Became Current:	20101007
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LANE
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	EHS@RITEAID.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name: D&S PARADISE PROPERTY & INVESTMENT, LLC	
Legal Status:	Private
Date Became Current:	20101007
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3146
Owner/Operator City,State,Zip:	CHICO, CA 95928
Owner/Operator Telephone:	717-975-8643
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	717-972-3989
Owner/Operator Email:	EHS@RITEAID.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: THRIFTY PAYLESS INC	
Legal Status:	Private
Date Became Current:	20101007
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

RITE AID #06092 (Continued) **1023675119**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: D&S PARADISE PROPERTY & INVESTMENT, LLC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 3146
Owner/Operator City,State,Zip: CHICO, CA 95928
Owner/Operator Telephone: 717-975-8643
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 717-972-3989
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: D&S PARADISE PROPERTY & INVESTMENT, LLC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 3146
Owner/Operator City,State,Zip: CHICO, CA 95928
Owner/Operator Telephone: 717-975-8643
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 717-972-3989
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: 30 HUNTER LANE
Owner/Operator City,State,Zip: CAMP HILL, PA 17011
Owner/Operator Telephone: 717-761-2633
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: THRIFTY PAYLESS INC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 3165
Owner/Operator City,State,Zip: HARRISBURG, PA 17105
Owner/Operator Telephone: 717-761-2633
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: D&S PARADISE PROPERTY & INVESTMENT, LLC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 3146

RITE AID #06092 (Continued) **1023675119**

Owner/Operator City,State,Zip: CHICO, CA 95928
Owner/Operator Telephone: 717-975-8643
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 717-972-3989
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: D&S PARADISE PROPERTY & INVESTMENT, LLC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 3146
Owner/Operator City,State,Zip: CHICO, CA 95928
Owner/Operator Telephone: 717-975-8643
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 717-972-3989
Owner/Operator Email: EHS@RITEAID.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: D&S PARADISE PROPERTY & INVESTMENT, LLC
Legal Status: Private
Date Became Current: 20101007
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 3146
Owner/Operator City,State,Zip: CHICO, CA 95928
Owner/Operator Telephone: 717-975-8643
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 717-972-3989
Owner/Operator Email: EHS@RITEAID.COM

Historic Generators:
Receive Date: 20200331
Handler Name: RITE AID #6092
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220207
Handler Name: RITE AID #6092
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

RITE AID #06092 (Continued) **1023675119**

Receive Date: 20240105
Handler Name: RITE AID #6092
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20170308
Handler Name: RITE AID #6092
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20190429
Handler Name: RITE AID #6092
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220325
Handler Name: RITE AID #6092
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20221205
Handler Name: RITE AID #6092
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

RITE AID #06092 (Continued) **1023675119**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	44611
NAICS Description:	PHARMACIES AND DRUG STORES

NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	018203018FLE
Last Updated Date:	20231205
Shipped Date:	20231101
Received Date:	20231113
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid 6092
Generator Location Street Number:	6007
Generator Location Street 1:	6007 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6007 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Rite Aid 6092
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Clean Harbors San Jose Llc
Designated Facility Mail Street Number:	1021
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	Berryessa Road
Designated Facility Mail City:	San Jose
Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1021
Designated Facility Location Street 1:	Berryessa Road

RITE AID #06092 (Continued) **1023675119**

Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020591452JJK
Last Updated Date:	20200515
Shipped Date:	20200421
Received Date:	20200506
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid #6092
Generator Location Street Number:	6007
Generator Location Street 1:	6007 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	30
Generator Mail Street 1:	HUNTER LN
Generator Mail Street 2:	Not reported
Generator Mail City:	CAMP HILL
Generator Mail Zip:	17001
Generator Mail State:	PA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	IDD073114654
Designated Facility Name:	Us Ecology Idaho Inc Site B
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 400
Designated Facility Mail City:	GRAND VIEW
Designated Facility Mail Zip:	83624
Designated Facility Mail State:	ID
Designated Facility Location Street Number:	20400
Designated Facility Location Street 1:	LEMLEY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	GRAND VIEW
Designated Facility Location Zip:	83624
Designated Facility Location State:	ID
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018611997FLE
Last Updated Date:	20230925
Shipped Date:	20230824
Received Date:	20230901
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid 6092

RITE AID #06092 (Continued) **1023675119**

Generator Location Street Number:	Not reported
Generator Location Street 1:	6007 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6007 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Rite Aid 6092
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Clean Harbors San Jose Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1021 Berryessa Road
Designated Facility Mail City:	San Jose
Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1021 Berryessa Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018821358JJK
Last Updated Date:	20181022
Shipped Date:	20180912
Received Date:	20180924
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid #6092
Generator Location Street Number:	Not reported
Generator Location Street 1:	6007 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	30 HUNTER LN
Generator Mail Street 2:	Not reported
Generator Mail City:	CAMP HILL
Generator Mail Zip:	17001
Generator Mail State:	PA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	IDD073114654
Designated Facility Name:	Us Ecology Idaho Inc Site B
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported

RITE AID #06092 (Continued) **1023675119**

Designated Facility Mail Street 2:	PO BOX 400
Designated Facility Mail City:	GRAND VIEW
Designated Facility Mail Zip:	83624
Designated Facility Mail State:	ID
Designated Facility Location Street Number:	20400
Designated Facility Location Street 1:	20400 LEMLEY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	GRAND VIEW
Designated Facility Location Zip:	83624
Designated Facility Location State:	ID
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017275434FLE
Last Updated Date:	20221122
Shipped Date:	20221012
Received Date:	20221028
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid 6092
Generator Location Street Number:	Not reported
Generator Location Street 1:	6007 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6007 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Rite Aid 6092
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Clean Harbors San Jose Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1021 Berryessa Road
Designated Facility Mail City:	San Jose
Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1021 Berryessa Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	022795483JJK
Last Updated Date:	20210921
Shipped Date:	20210824

RITE AID #06092 (Continued) **1023675119**

Received Date:	20210830
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid #06092
Generator Location Street Number:	Not reported
Generator Location Street 1:	6007 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	ATTN: STORE MANAGER
Generator Mail Street 2:	6007 CLARK ROAD
Generator Mail City:	PARADISE
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology, Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	HIGHWAY 95, 11 MILES SOUTH OF BEATTY
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HIGHWAY 95, 11 MILES SOUTH OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019404877JJK
Last Updated Date:	20190131
Shipped Date:	20190109
Received Date:	20190115
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid #6092
Generator Location Street Number:	Not reported
Generator Location Street 1:	6007 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	30 HUNTER LN
Generator Mail Street 2:	Not reported
Generator Mail City:	CAMP HILL
Generator Mail Zip:	17001

RITE AID #06092 (Continued) **1023675119**

Generator Mail State:	PA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 578
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MI S OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018600189FLE
Last Updated Date:	20240108
Shipped Date:	20231205
Received Date:	20231218
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid 6092
Generator Location Street Number:	6007
Generator Location Street 1:	6007 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6007 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Rite Aid 6092
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Clean Harbors San Jose Llc
Designated Facility Mail Street Number:	1021
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	Berryessa Road
Designated Facility Mail City:	San Jose
Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1021
Designated Facility Location Street 1:	Berryessa Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported

RITE AID #06092 (Continued) **1023675119**

Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	017189108FLE
Last Updated Date:	20220614
Shipped Date:	20220502
Received Date:	20220525
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid 6092
Generator Location Street Number:	Not reported
Generator Location Street 1:	6007 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6007 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Rite Aid 6092
Designated Facility EPA ID:	UTD981552177
Designated Facility Name:	Clean Harbors Aragonite Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO Box 1339
Designated Facility Mail City:	Grantsville
Designated Facility Mail Zip:	84029
Designated Facility Mail State:	UT
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	11600 North Aptus Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Grantsville
Designated Facility Location Zip:	84029
Designated Facility Location State:	UT
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	017272421FLE
Last Updated Date:	20220912
Shipped Date:	20220728
Received Date:	20220823
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid 6092
Generator Location Street Number:	Not reported
Generator Location Street 1:	6007 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA

RITE AID #06092 (Continued) **1023675119**

Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6007 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Rite Aid 6092
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Clean Harbors San Jose Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1021 Berryessa Road
Designated Facility Mail City:	San Jose
Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1021 Berryessa Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020592483JJK
Last Updated Date:	20191204
Shipped Date:	20191106
Received Date:	20191202
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000270926
Generator Name:	Rite Aid #6092
Generator Location Street Number:	Not reported
Generator Location Street 1:	6007 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	30 HUNTER LN
Generator Mail Street 2:	Not reported
Generator Mail City:	CAMP HILL
Generator Mail Zip:	17001
Generator Mail State:	PA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	IDD073114654
Designated Facility Name:	Us Ecology Idaho Inc Site B
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 400
Designated Facility Mail City:	GRAND VIEW
Designated Facility Mail Zip:	83624
Designated Facility Mail State:	ID
Designated Facility Location Street Number:	20400

RITE AID #06092 (Continued) **1023675119**

Designated Facility Location Street 1: 20400 LEMLEY RD
Designated Facility Location Street 2: Not reported
Designated Facility Location City: GRAND VIEW
Designated Facility Location Zip: 83624
Designated Facility Location State: ID
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Federal Waste:
Manifest Tracking Number: 020592819JJK
Waste Line Number: 1
Federal Waste Code: D001
Federal Waste: IGNITABLE WASTE

Manifest Tracking Number: 020592819JJK
Waste Line Number: 1
Federal Waste Code: D035
Federal Waste: METHYL ETHYL KETONE

Manifest Tracking Number: 020592819JJK
Waste Line Number: 2
Federal Waste Code: D001
Federal Waste: IGNITABLE WASTE

Manifest Tracking Number: 020592819JJK
Waste Line Number: 2
Federal Waste Code: D018
Federal Waste: BENZENE

Manifest Tracking Number: 020592819JJK
Waste Line Number: 2
Federal Waste Code: D035
Federal Waste: METHYL ETHYL KETONE

Manifest Tracking Number: 020592819JJK
Waste Line Number: 2
Federal Waste Code: U002
Federal Waste: 2-PROPANONE (I) (OR) ACETONE (I)

Manifest Tracking Number: 020592819JJK
Waste Line Number: 2
Federal Waste Code: U154
Federal Waste: METHANOL (I) (OR) METHYL ALCOHOL (I)

Manifest Tracking Number: 020592819JJK
Waste Line Number: 4
Federal Waste Code: D007
Federal Waste: CHROMIUM

Manifest Tracking Number: 020592819JJK
Waste Line Number: 4
Federal Waste Code: D010
Federal Waste: SELENIUM

Manifest Tracking Number: 020592819JJK
Waste Line Number: 4

RITE AID #06092 (Continued) **1023675119**

Federal Waste Code: D011
Federal Waste: SILVER

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: D005
Federal Waste: BARIUM

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: D007
Federal Waste: CHROMIUM

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: D009
Federal Waste: MERCURY

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: D010
Federal Waste: SELENIUM

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: D011
Federal Waste: SILVER

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: D013
Federal Waste: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: D024
Federal Waste: M-CRESOL

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: D026
Federal Waste: CRESOL

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U035
Federal Waste: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U058
Federal Waste: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U129

RITE AID #06092 (Continued) **1023675119**

Federal Waste: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U150
Federal Waste: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U151
Federal Waste: MERCURY

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U187
Federal Waste: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U188
Federal Waste: PHENOL

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U200
Federal Waste: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
Federal Waste Code: U201
Federal Waste: 1,3-BENZENEDIOL (OR) RESORCINOL

Manifest Tracking Number: 020592819JJK
Waste Line Number: 6
Federal Waste Code: P001
Federal Waste: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Manifest Tracking Number: 020592819JJK
Waste Line Number: 7
Federal Waste Code: P075
Federal Waste: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

State Waste:
Manifest Tracking Number: 020592819JJK
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 214
State Waste: Unspecified solvent mixture

Manifest Tracking Number: 020592819JJK
Waste Line Number: 2

RITE AID #06092 (Continued) **1023675119**

State Waste Code Owner: CA
State Waste Code: 343
State Waste: Unspecified organic liquid mixture

Manifest Tracking Number: 020592819JJK
Waste Line Number: 3
State Waste Code Owner: CA
State Waste Code: 331
State Waste: Off-specification, aged, or surplus organics

Manifest Tracking Number: 020592819JJK
Waste Line Number: 4
State Waste Code Owner: CA
State Waste Code: 331
State Waste: Off-specification, aged, or surplus organics

Manifest Tracking Number: 020592819JJK
Waste Line Number: 5
State Waste Code Owner: CA
State Waste Code: 311
State Waste: Pharmaceutical waste

Manifest Tracking Number: 020592819JJK
Waste Line Number: 6
State Waste Code Owner: CA
State Waste Code: 311
State Waste: Pharmaceutical waste

Manifest Tracking Number: 020592819JJK
Waste Line Number: 7
State Waste Code Owner: CA
State Waste Code: 311
State Waste: Pharmaceutical waste

Transporter:
Manifest Tracking Number: 020592819JJK
Transporter Line Number: 1
Transporter EPA ID: MIK435642742
Transporter Name: Eq Industrial Services Inc

Manifest Tracking Number: 020592819JJK
Transporter Line Number: 2
Transporter EPA ID: MOD095038998
Transporter Name: Bed Rock Inc Dba Tri State Motor Transit Co

Waste Line:
Manifest Tracking Number: 020592819JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1950
U.S. DOT Description: Rq, Un1950, Waste Aerosols, 2.1, (Rq: D001), Erg#126
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 9

RITE AID #06092 (Continued) **1023675119**

Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0045
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0045
Waste Quantity, in Kilograms:	4.081635
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	4.081635
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Manifest Tracking Number:	020592819JJK
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1993
U.S. DOT Description:	Rq, Un1993, Waste Flammable Liquids, N.O.S. (Benzene, Methyl Ethyl Ketone), 3, Pgii, (Rq: D018), Erg#128
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	2
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.001
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.001
Waste Quantity, in Kilograms:	0.90703005
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	0.90703005
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported

RITE AID #06092 (Continued) **1023675119**

Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Manifest Tracking Number:	020592819JJK
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non Hazardous Liquid
Number of Containers:	11
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	219
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.1095
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.1095
Waste Quantity, in Kilograms:	99.319786
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	99.319786
Management Method Code:	H132
Management Method Description:	LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Manifest Tracking Number:	020592819JJK
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1851
U.S. DOT Description:	Rq, Un1851, Waste Medicine, Liquid, Toxic, N.O.S (Silver, Chromium), 6.1, Pgiii, (Rq:D011), Erg#151
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	7
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0035
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0035
Waste Quantity, in Kilograms:	3.1746051
Acute Waste Quantity, in Kilograms:	0

RITE AID #06092 (Continued) **1023675119**

Non-Acute Waste Quantity, in Kilorgrams:	3.1746051
Management Method Code:	H110
Management Method Description:	STABILIZATION
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Manifest Tracking Number:	020592819JJK
Waste Line Number:	5
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1851
U.S. DOT Description:	Rq, Un1851, Waste, Medicine, Liquid, Toxic, N.O.S. (Mercury, Lindane), 6.1, Pgiii, (Rq: D009, D011), Erg#151
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	17
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0085
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0085
Waste Quantity, in Kilograms:	7.709756
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	7.709756
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Manifest Tracking Number:	020592819JJK
Waste Line Number:	6
U.S. DOT Hazardous Indicator:	Y

RITE AID #06092 (Continued) **1023675119**

U.S. DOT ID Number:	UN3249
U.S. DOT Description:	Rq, Un3249, Waste Medicines, Solid, Toxic, N.O.S. (Residue Last Contained: Warfarin), 6.1, Pgii, (Rq: Warfarin), Erg#151
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	1
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0005
Acute Waste Quantity, in Tons:	0.0005
Non-Acute Waste Quantity, in Tons:	0
Waste Quantity, in Kilograms:	0.45351502
Acute Waste Quantity, in Kilograms:	0.45351502
Non-Acute Waste Quantity, in Kilorgrams:	0
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

Manifest Tracking Number:	020592819JJK
Waste Line Number:	7
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1654
U.S. DOT Description:	Rq, Un1654, Waste Nicotine, 6.1, Pgii, (Rq: Nicotine), Erg#151
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	2
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.001
Acute Waste Quantity, in Tons:	0.001
Non-Acute Waste Quantity, in Tons:	0
Waste Quantity, in Kilograms:	0.90703005
Acute Waste Quantity, in Kilograms:	0.90703005
Non-Acute Waste Quantity, in Kilorgrams:	0
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported

RITE AID #06092 (Continued) **1023675119**

Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

Click this hyperlink while viewing on your computer to access
16 additional US EManifest: record(s) in the EDR Site Report.

C17 **RITE AID #6092** **CUPA Listings** **S109693580**
East **6007 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.165 mi.
872 ft. **Site 3 of 6 in cluster C**

Relative: CUPA BUTTE:
Higher

Name:	RITE AID #6092
Address:	6007 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	GENERAL HAZ MATERIALS
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	10276387

Actual: **1853 ft.**

Name:	RITE AID #6092
Address:	6007 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	ACTIVE, BILLABLE
CERS ID:	10276387

C18 **GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33** **RCRA NonGen / NLR** **1027217907**
East **5990 CLARK RD** **E MANIFEST** **CAL000469759**
1/8-1/4 **PARADISE, CA 95969**
0.182 mi.
961 ft. **Site 4 of 6 in cluster C**

Relative: RCRA Listings:
Higher

Date Form Received by Agency:	20220405
Handler Name:	Genuine Parts Company Dba Napa Auto Parts #33
Handler Address:	5990 Clark Rd
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAL000469759
Contact Name:	GARY SATTERFIELD
Contact Address:	5990 CLARK RD
Contact City,State,Zip:	PARADISE, CA 95969
Contact Telephone:	530-520-2822
Contact Fax:	Not reported
Contact Email:	JEFF_HOVE@GENPT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

Actual: **1848 ft.**

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **1027217907**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5990 CLARK RD
Mailing City,State,Zip:	PARADISE, CA 95969
Owner Name:	Genuine Parts Company
Owner Type:	Other
Operator Name:	Gary Satterfield
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220418
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
Owner/Operator Indicator: Operator

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **1027217907**

Owner/Operator Name: GARY SATTERFIELD
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5990 CLARK RD
Owner/Operator City,State,Zip: PARADISE, CA 95969
Owner/Operator Telephone: 530-520-2822
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GENUINE PARTS COMPANY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2999 WILDWOOD PKWY
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-953-1700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220405
Handler Name: GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 200560713CLE
Last Updated Date: 20230925
Shipped Date: 20230830
Received Date: 20230911
Manifest Status: Signed
Submission Type: DataImage5Copy

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **1027217907**

Origin Type:	Service
Generator EPA ID:	CAL000469759
Generator Name:	Riebes Auto Parts
Generator Location Street Number:	Not reported
Generator Location Street 1:	5990 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5990 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200425443CLE
Last Updated Date:	20230421
Shipped Date:	20230404
Received Date:	20230411
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000469759
Generator Name:	Riebes Auto Parts
Generator Location Street Number:	Not reported
Generator Location Street 1:	5990 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5990 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **1027217907**

Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200425444CLE
Last Updated Date:	20230508
Shipped Date:	20230404
Received Date:	20230418
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000469759
Generator Name:	Riebe'S Auto Parts-#033
Generator Location Street Number:	Not reported
Generator Location Street 1:	5990 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5990 CLARK RD
Generator Mail Street 2:	Not reported
Generator Mail City:	PARADISE
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **1027217907**

Manifest Tracking Number:	200184858CLE
Last Updated Date:	20220725
Shipped Date:	20220623
Received Date:	20220705
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000469759
Generator Name:	Riebes Auto Parts
Generator Location Street Number:	Not reported
Generator Location Street 1:	5990 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5990 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200699758CLE
Last Updated Date:	20240214
Shipped Date:	20240131
Received Date:	20240209
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000469759
Generator Name:	Riebes Auto Parts
Generator Location Street Number:	Not reported
Generator Location Street 1:	5990 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5990 Clark Road

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **1027217907**

Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	2095
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	2095
Designated Facility Location Street 1:	Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200699759CLE
Last Updated Date:	20240213
Shipped Date:	20240131
Received Date:	20240209
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000469759
Generator Name:	Riebes Auto Parts
Generator Location Street Number:	Not reported
Generator Location Street 1:	5990 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5990 Clark Road
Generator Mail Street 2:	Not reported
Generator Mail City:	Paradise
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000527028
Designated Facility Name:	Clean Earth Solutions, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	19105 SOUTH AVENUE B
Designated Facility Mail City:	SOMERTON
Designated Facility Mail Zip:	85350
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	19105 SOUTH AVENUE B
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	SOMERTON

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **1027217907**

Designated Facility Location Zip: 85350
Designated Facility Location State: AZ
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Transporter:
Manifest Tracking Number: 200699759CLE
Transporter Line Number: 1
Transporter EPA ID: MNS000110924
Transporter Name: Clean Earth Specialty Waste Solutions

Waste Line:
Manifest Tracking Number: 200699759CLE
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: Non RCRA hazardous waste, liquid (Auto Care Products),
Number of Containers: 1
Container Type Code: CF
Container Type Description: Fiber or plastic boxes, cartons, cases
Waste Quantity: 5
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0025
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0025
Waste Quantity, in Kilograms: 2.267575
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 2.267575
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

C19 **RIEBES AUTO PARTS** **CUPA Listings** **S118584380**
East **5990 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.182 mi.
961 ft. **Site 5 of 6 in cluster C**

Relative:
Higher

Actual:
1848 ft.

CUPA BUTTE:
Name: RIEBES AUTO PARTS
Address: 5990 CLARK RD
City,State,Zip: PARADISE, CA 95969
Program/Element: GENERAL HAZ MATERIALS
Billing Status: INACTIVE, NON-BILLABLE
CERS ID: Not reported

C20 **GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33** **CERS HAZ WASTE** **S128386179**
East **5990 CLARK RD** **HWTS** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.182 mi.
961 ft. **Site 6 of 6 in cluster C**

Relative:
Higher

Actual:
1848 ft.

CERS HAZ WASTE:
Name: GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33
Address: 5990 CLARK RD
City,State,Zip: PARADISE, CA 95969
Site ID: 613827
CERS ID: 10901407
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 613827
Site Name: Genuine Parts Company DBA Napa Auto Parts #33
Violation Date: 06-08-2023
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 06/08/2023. Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. The following manifests were missing from the required records: - 200184858CLE Corrective action: Keep records of all manifests with a signature from the generator, transporter and disposal facility for 3 years. Gave a copy of the following manifest to operator during the inspection.
Violation Division: Butte County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent to perform the inspection, review documents, copy documents, take photos or collect samples provided by Gary Satterfield at 8:30

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **S128386179**

a.m. No photographs, copied documents or samples were obtained during this inspection. Facility is still a VSQG status.

Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Operator
Entity Name: Gary Satterfield
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (530) 520-2822,

Affiliation Type Desc: CUPA District
Entity Name: Butte County Environmental Health
Entity Title: Not reported
Affiliation Address: 202 Mira Loma Drive
Affiliation City: Oroville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95965
Affiliation Phone: (530) 552-3880,

Affiliation Type Desc: Environmental Contact
Entity Name: Jeff Hove
Entity Title: Not reported
Affiliation Address: 5404 Pacific St
Affiliation City: Rocklin
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95677
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 5990 Clark Rd
Affiliation City: Paradise
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95969
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Genuine Parts Company
Entity Title: Not reported
Affiliation Address: 2999 Wildwood Parkway
Affiliation City: Atlanta
Affiliation State: GA
Affiliation Country: United States
Affiliation Zip: 33039
Affiliation Phone: (770) 953-1700,

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **S128386179**

Affiliation Type Desc:	Document Preparer
Entity Name:	Julie Yurkovic
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeff Hove
Entity Title:	District Operations Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	GENUINE PARTS COMPANY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33
Address:	5990 CLARK RD
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAL000469759
Inactive Date:	Not reported
Create Date:	04/05/2022
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2999 WILDWOOD PKWY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ATLANTA, GA 303390000
Owner Name:	GENUINE PARTS COMPANY
Owner Address:	2999 WILDWOOD PKWY
Owner Address 2:	Not reported
Owner City,State,Zip:	ATLANTA, GA 303390000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	LAQUITA DONALD
Contact Address:	2999 WILDWOOD PARKWAY
Contact Address 2:	Not reported
City,State,Zip:	ATLANTA, GA 303390000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active

GENUINE PARTS COMPANY DBA NAPA AUTO PARTS #33 (Continued) **S128386179**

Facility Type:	Permanent
Category:	State
Latitude:	39.759775470000001
Longitude:	-121.60652622000001

D21 **RICH DEWELL'S IMPORT AUTOMOTIVE** **RCRA NonGen / NLR** **1024803606**
ENE **6057 CLARK RD** **CAL000253773**
1/8-1/4 **PARADISE, CA 95969**
0.194 mi.
1022 ft. **Site 1 of 6 in cluster D**

Relative: **Higher**
Actual: **1852 ft.**

RCRA Listings:

Date Form Received by Agency:	20020613
Handler Name:	Rich Dewell'S Import Automotive
Handler Address:	6057 Clark Rd
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAL000253773
Contact Name:	RICH DEWELL
Contact Address:	6057 CLARK RD
Contact City,State,Zip:	PARADISE, CA 95969
Contact Telephone:	530-872-8612
Contact Fax:	000-000-0000
Contact Email:	IMPORTAUTO01@SBCGLOBAL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6057 CLARK RD
Mailing City,State,Zip:	PARADISE, CA 95969-0000
Owner Name:	Rich Dewell
Owner Type:	Other
Operator Name:	Rich Dewell
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

RICH DEWELL'S IMPORT AUTOMOTIVE (Continued) **1024803606**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: RICH DEWELL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6057 CLARK RD
Owner/Operator City,State,Zip:	PARADISE, CA 95969-0000
Owner/Operator Telephone:	530-872-8612
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: RICH DEWELL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6057 CLARK RD
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-872-8612
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020613
Handler Name:	RICH DEWELL'S IMPORT AUTOMOTIVE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

RICH DEWELL'S IMPORT AUTOMOTIVE (Continued) **1024803606**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D22 **QUALITY USED TIRE** **LUST** **S101329559**
ENE **6057 CLARK RD** **Cortese** **N/A**
1/8-1/4 **PARADISE, CA 95969** **CUPA Listings**
0.194 mi. **HIST CORTESE**
1022 ft. **Site 2 of 6 in cluster D** **CERS**

Relative:
Higher

Actual:
1852 ft.

LUST:
Name: QUALITY USED TIRE
Address: 6057 CLARK RD
City,State,Zip: PARADISE, CA 95969
Lead Agency: BUTTE COUNTY
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600700044
Latitude: 39.7611006666667
Longitude: -121.605368666667
Status: Completed - Case Closed
Status Date: 12/07/1993
Case Worker: Not reported
RB Case Number: 040047
Local Agency: BUTTE COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 12/03/1990
Leak Reported Date: 12/03/1990
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Other
Discharge Cause: Unknown
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 12/07/1993

QUALITY USED TIRE (Continued) **S101329559**

CA Water Watershed Name: Butte Creek - Upper Dry Creek (521.10)
Dwr Groundwater Subbasin Name: Not reported
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 16-20%
CA Enviroscreen 4 Score: 30-35%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5R)
Site History: Not reported

LUST:
Global Id: T0600700044
Contact Type: Regional Board Caseworker
Contact Name: RECEPTIONIST, REGION 5 REDDING
Organization Name: CENTRAL VALLEY RWQCB (REGION 5R)
Address: 364 Knollcrest Drive, Suite 205
City: REDDING
Email: Not reported
Phone Number: Not reported

Global Id: T0600700044
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: VANCE SEVERIN
Organization Name: BUTTE COUNTY
Address: 1469 HUMBOLDT ROAD
City: CHICO
Email: Not reported
Phone Number: 5308912727

LUST:
Global Id: T0600700044
Action Type: Other
Date: 12/03/1990
Action: Leak Discovery

Global Id: T0600700044
Action Type: Other
Date: 12/03/1990
Action: Leak Reported

Global Id: T0600700044
Action Type: Other
Date: 12/03/1990
Action: Leak Stopped

Global Id: T0600700044
Action Type: ENFORCEMENT
Date: 12/07/1993
Action: Closure/No Further Action Letter

LUST:
Global Id: T0600700044
Status: Open - Case Begin Date
Status Date: 12/03/1990

Global Id: T0600700044
Status: Open - Site Assessment

QUALITY USED TIRE (Continued) **S101329559**

Status Date: 01/16/1991

Global Id: T0600700044
Status: Completed - Case Closed
Status Date: 12/07/1993

LUST REG 5:
Name: QUALITY USED TIRE
Address: 6057 CLARK RD
City: PARADISE
Region: 5
Status: Case Closed
Case Number: 040047
Case Type: Soil only
Substance: WASTE OIL
Staff Initials: KLC
Lead Agency: Local
Program: LUST
MTBE Code: N/A

CORTESE:
Name: QUALITY USED TIRE
Address: 6057 CLARK RD
City,State,Zip: PARADISE, CA 95969
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600700044
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CUPA BUTTE:
Name: IMPORT AUTO
Address: 6057 CLARK RD
City,State,Zip: PARADISE, CA 95969
Program/Element: B1 - RANGE 0 - 55 - 550 GALLONS
Billing Status: INACTIVE, NON-BILLABLE
CERS ID: 10278574

Name: IMPORT AUTO

QUALITY USED TIRE (Continued) **S101329559**

Address: 6057 CLARK RD
City,State,Zip: PARADISE, CA 95969
Program/Element: HAZ WASTE GEN < THAN 100 kg/mo
Billing Status: ACTIVE, BILLABLE
CERS ID: 10278574

HIST CORTESE:
edr_fname: QUALITY USED TIRE
edr_fadd1: 6057 CLARK
City,State,Zip: PARADISE, CA 95969
Region: CORTESE
Facility County Code: 4
Reg By: LTNKA
Reg Id: 040047

CERS:
Name: QUALITY USED TIRE
Address: 6057 CLARK RD
City,State,Zip: PARADISE, CA 95969
Site ID: 887591
CERS ID: T0600700044
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: RECEPTIONIST, REGION 5 REDDING - 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: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: VANCE SEVERIN - BUTTE COUNTY
Entity Title: Not reported
Affiliation Address: 1469 HUMBOLDT ROAD
Affiliation City: CHICO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5308912727,

D23 **QUALITY USED TIRE** **UST FINDER RELEASE** **1029094537**
ENE **6057 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.194 mi.
1022 ft. **Site 3 of 6 in cluster D**

Relative: **Higher**
Actual: **1852 ft.**

UST FINDER RELEASE:
Object ID: 48805
Facility ID: Not reported
Lust ID: CAT0600700044
Name: QUALITY USED TIRE
Address: 6057 CLARK RD

QUALITY USED TIRE (Continued) **1029094537**

City,State,Zip:	PARADISE, CA 95969
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	552
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0410007_16347
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180201580401
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.60607
Y Coord:	39.7606900000001
Latitude:	39.7606899999999
Longitude:	-121.60607

D24 **RICHARD IRBY DC** **CUPA Listings** **S118584563**
East **6002 CLARK RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.201 mi.
1061 ft. **Site 4 of 6 in cluster D**

Relative: CUPA BUTTE:
Higher

Name:	RICHARD IRBY DC
Address:	6002 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	Not reported

Actual:
1849 ft.

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25 **DAVID & VERONICA DERBY** **RCRA NonGen / NLR** **1026716270**
North **1004 FAIRVIEW DR.** **E MANIFEST** **CAC003104742**
1/8-1/4 **PARADISE, CA 95969**
0.209 mi.
1101 ft.

Relative: RCRA Listings:
Higher

Date Form Received by Agency:	20210209
Handler Name:	David & Veronica Derby
Handler Address:	1004 Fairview Dr.

Actual:
1895 ft.

DAVID & VERONICA DERBY (Continued) **1026716270**

Handler City,State,Zip:	PARADISE, CA 95969-4014
EPA ID:	CAC003104742
Contact Name:	DAVID & VERONICA DERBY
Contact Address:	1004 FAIRVIEW DR.
Contact City,State,Zip:	PARADISE, CA 95969-4014
Contact Telephone:	916-231-0090
Contact Fax:	Not reported
Contact Email:	ROBERT@8884ABATEMENT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1004 FAIRVIEW DR.
Mailing City,State,Zip:	PARADISE, CA 95969-4014
Owner Name:	David & Veronica Derby
Owner Type:	Other
Operator Name:	David & Veronica Derby
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226

DAVID & VERONICA DERBY (Continued) **1026716270**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DAVID & VERONICA DERBY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1004 FAIRVIEW DR.
Owner/Operator City,State,Zip:	PARADISE, CA 95969-4014
Owner/Operator Telephone:	916-231-0090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DAVID & VERONICA DERBY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1004 FAIRVIEW DR.
Owner/Operator City,State,Zip:	PARADISE, CA 95969-4014
Owner/Operator Telephone:	916-231-0090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210209
Handler Name: DAVID & VERONICA DERBY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

DAVID & VERONICA DERBY (Continued) **1026716270**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	019203982JJK
Last Updated Date:	20210308
Shipped Date:	20210210
Received Date:	20210215
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAC003104742
Generator Name:	David & Veronica Derby
Generator Location Street Number:	Not reported
Generator Location Street 1:	1004 FAIRVIEW DR.
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969-4014
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1004 FAIRVIEW DR.
Generator Mail Street 2:	Not reported
Generator Mail City:	PARADISE
Generator Mail Zip:	95969-4014
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD982042475
Designated Facility Name:	Recology Hay Road
Designated Facility Mail Street Number:	235
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	6426
Designated Facility Location Street 1:	HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	019203982JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	151
State Waste:	Asbestos-containing waste

Transporter:

Manifest Tracking Number:	019203982JJK
Transporter Line Number:	1

DAVID & VERONICA DERBY (Continued) **1026716270**

Transporter EPA ID: CAL000387397
Transporter Name: 18884abatement Inc

Manifest Tracking Number: 019203982JJK
Transporter Line Number: 2
Transporter EPA ID: CAL000387397
Transporter Name: 18884abatement Inc

Waste Line:
Manifest Tracking Number: 019203982JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: NA2212
U.S. DOT Description: Rq Na2212, Asbestos, 9, Pg Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 12
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 1
Quantity Unit of Measure Code: Y
Quantity Unit of Measure Description: Cubic Yards
Waste Quantity, in Tons: 0.84
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.84
Waste Quantity, in Kilograms: 761.9052
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 761.9052
Management Method Code: H132
Management Method Description: LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

E26 **PARADISE AUTO BODY** **CERS HAZ WASTE** **S129011141**
East **1122 ELLIOTT RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.221 mi.
1167 ft. **Site 1 of 2 in cluster E**

Relative: **Higher**

Actual: **1837 ft.**

CERS HAZ WASTE:
Name: PARADISE AUTO BODY
Address: 1122 ELLIOTT RD
City,State,Zip: PARADISE, CA 95969
Site ID: 614843
CERS ID: 10278544
CERS Description: Hazardous Waste Generator

PARADISE AUTO BODY (Continued) **S129011141**

Violations:

Site ID:	614843
Site Name:	PARADISE AUTO BODY
Violation Date:	08-18-2014
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 07/27/2020. - Facility Closed-
Violation Division:	Butte County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	614843
Site Name:	PARADISE AUTO BODY
Violation Date:	07-20-2023
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/20/2023. Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. Observations: The 55-gallon drum of dry paint solids from the still has a hazardous waste label but it was missing the accumulation start date. Owner added the date to the label during the inspection. Therefore this was corrected.
Violation Division:	Butte County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-18-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Butte County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Butte County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-20-2023

PARADISE AUTO BODY (Continued) **S129011141**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent to perform the inspection, review documents, copy documents, take photos or collect samples provided by Will and Stephanie Contreras, owners, at 8:52 a.m. No photographs copied documents or samples were obtained during this inspection. Facility is operating at a rate less than 100 kg or 27 gallons per day (VSQG). Used paint arrestors (filters) are a suspected hazardous waste and should be managed as hazardous waste if discarded unless shown by testing to
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-18-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 614843
Site Name: PARADISE AUTO BODY
Site Address: 1122 ELLIOTT RD
Site City: PARADISE
Site Zip: 95969
Enf Action Date: 08-18-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Butte County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 614843
Facility Name: PARADISE AUTO BODY
Env Int Type Code: HWG
Program ID: 10278544
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 39.759160
Longitude: -121.605560

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Stephanie Contreras
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (530) 872-8060,

PARADISE AUTO BODY (Continued) **S129011141**

Affiliation Type Desc:	CUPA District
Entity Name:	Butte County Environmental Health
Entity Title:	Not reported
Affiliation Address:	202 Mira Loma Drive
Affiliation City:	Oroville
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95965
Affiliation Phone:	(530) 552-3880,

Affiliation Type Desc:	Environmental Contact
Entity Name:	WILL CONTRERAS
Entity Title:	Not reported
Affiliation Address:	1122 ELLIOTT RD
Affiliation City:	PARADISE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95969
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1122 ELLIOTT RD
Affiliation City:	PARADISE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95969
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Stephanie Contreras
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Stephanie Contreras
Entity Title:	Not reported
Affiliation Address:	1122 ELLIOTT RD
Affiliation City:	PARADISE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95969
Affiliation Phone:	(530) 872-8060,

Affiliation Type Desc:	Parent Corporation
Entity Name:	PARADISE AUTO BODY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

PARADISE AUTO BODY (Continued) **S129011141**

Affiliation Zip: Not reported
Affiliation Phone: ,

E27 **PARADISE AUTO BODY** **RCRA-SQG** **1000857871**
East **1122 ELLIOTT RD** **CUPA Listings** **CAD983673211**
1/8-1/4 **PARADISE, CA 95969** **HWTS**
0.221 mi. **HAZNET**
1167 ft. **Site 2 of 2 in cluster E**

Relative: **Higher**
Actual: **1837 ft.**

RCRA Listings:

Date Form Received by Agency:	19930819
Handler Name:	Paradise Auto Body
Handler Address:	Elliott Rd
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAD983673211
Contact Name:	SHEILA BOHL
Contact Address:	1122 ELLIOTT RD
Contact City,State,Zip:	PARADISE, CA 95969
Contact Telephone:	916-872-8060
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ELLIOTT RD
Mailing City,State,Zip:	PARADISE, CA 95969
Owner Name:	Stephanie Desmet
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

PARADISE AUTO BODY (Continued) **1000857871**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: STEPHANIE DESMET	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1122 ELLIOTT RD
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	916-872-8060
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19930819
Handler Name: PARADISE AUTO BODY	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

PARADISE AUTO BODY (Continued) **1000857871**

Evaluation Action Summary:
Evaluations: No Evaluations Found

CUPA BUTTE:
Name: PARADISE AUTO BODY
Address: 1122 ELLIOTT RD
City,State,Zip: PARADISE, CA 95969
Program/Element: B1 - RANGE 0 - 200 - 2,000 CUBIC FEET
Billing Status: INACTIVE, NON-BILLABLE
CERS ID: 10278544

Name: PARADISE AUTO BODY
Address: 1122 ELLIOTT RD
City,State,Zip: PARADISE, CA 95969
Program/Element: HAZ WASTE GEN < THAN 100 kg/mo
Billing Status: ACTIVE, BILLABLE
CERS ID: 10278544

HWTS:
Name: PARADISE AUTO BODY
Address: 1122 ELLIOTT RD
Address 2: Not reported
City,State,Zip: PARADISE, CA 95969
EPA ID: CAD983673211
Inactive Date: Not reported
Create Date: 12/08/1995
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1122 ELLIOTT RD
Mailing Address 2: Not reported
Mailing City,State,Zip: PARADISE, CA 959690000
Owner Name: STEPHANIE CONTRERAS
Owner Address: 1122 ELLIOTT RD
Owner Address 2: Not reported
Owner City,State,Zip: PARADISE, CA 959690000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: STEPHANIE CONTRERAS
Contact Address: 1122 ELLIOTT RD
Contact Address 2: Not reported
City,State,Zip: PARADISE, CA 95969
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 39.759508
Longitude: -121.605547

NAICS:
EPA ID: CAD983673211
Create Date: 2004-10-20 10:23:57.043
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 1995-12-08 00:00:00

PARADISE AUTO BODY (Continued) **1000857871**

Inactive Date:	Not reported
Facility Name:	PARADISE AUTO BODY
Facility Address:	1122 ELLIOTT RD
Facility Address 2:	Not reported
Facility City:	PARADISE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	959690000

HAZNET:

Name:	PARADISE AUTO BODY
Address:	1122 ELLIOTT RD
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 959690000
Contact:	STEPHANIE CONTRERAS
Telephone:	5308728060
Mailing Name:	Not reported
Mailing Address:	1122 ELLIOTT RD
Year:	2011
Gepaid:	CAD983673211
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0135
Year:	2010
Gepaid:	CAD983673211
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1615
Year:	2009
Gepaid:	CAD983673211
TSD EPA ID:	TXD077603371
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.15
Year:	2009
Gepaid:	CAD983673211
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1755
Year:	2008
Gepaid:	CAD983673211
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

PARADISE AUTO BODY (Continued) **1000857871**

Tons: 0.162

Year: 2007
Gepaid: CAD983673211
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1755

Year: 2006
Gepaid: CAD983673211
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.054

Year: 2006
Gepaid: CAD983673211
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.162

Year: 2005
Gepaid: CAD983673211
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.234

Year: 2004
Gepaid: CAD983673211
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.194

Click this hyperlink while viewing on your computer to access
19 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:
Year: 2011
Gen EPA ID: CAD983673211

Shipment Date: 20110111
Creation Date: 2/19/2011 18:30:32
Receipt Date: 20110112
Manifest ID: 003649965FLE
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: SAFETY-KLEEN SYSTEMS INC

PARADISE AUTO BODY (Continued) **1000857871**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Information:

Year:	2010
Gen EPA ID:	CAD983673211
Shipment Date:	20101020
Creation Date:	1/3/2011 18:30:09
Receipt Date:	20101021
Manifest ID:	004271547FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100928
Creation Date:	12/3/2010 18:31:04
Receipt Date:	20100928
Manifest ID:	000359830CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.

PARADISE AUTO BODY (Continued) **1000857871**

RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100824
Creation Date:	10/8/2010 18:30:41
Receipt Date:	20100825
Manifest ID:	000350093CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100727
Creation Date:	9/10/2010 18:31:02
Receipt Date:	20100728
Manifest ID:	002449692SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D039

PARADISE AUTO BODY (Continued) **1000857871**

Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100630
Creation Date:	8/30/2010 18:30:37
Receipt Date:	20100701
Manifest ID:	002407452SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100602
Creation Date:	8/6/2010 18:31:21
Receipt Date:	20100603
Manifest ID:	002459737SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100505
Creation Date:	8/6/2010 18:30:11

PARADISE AUTO BODY (Continued) **1000857871**

Receipt Date:	20100506
Manifest ID:	002264307SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20100406
Creation Date:	6/29/2010 18:30:18
Receipt Date:	20100407
Manifest ID:	003291622FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20100317
Creation Date:	6/10/2010 18:30:18
Receipt Date:	20100317
Manifest ID:	002516814SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

PARADISE AUTO BODY (Continued) **1000857871**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20100309
Creation Date:	5/27/2010 18:30:38
Receipt Date:	20100310
Manifest ID:	002397526SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Information:

Year:	2009
Gen EPA ID:	CAD983673211
Shipment Date:	20091215
Creation Date:	2/3/2010 18:30:49
Receipt Date:	20091216
Manifest ID:	000303346CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20091117
Creation Date:	1/8/2010 18:30:49
Receipt Date:	20091118
Manifest ID:	000287900CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20091020
Creation Date:	11/25/2009 18:30:45
Receipt Date:	20091021
Manifest ID:	000324669CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P

PARADISE AUTO BODY (Continued) **1000857871**

Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090922
Creation Date:	10/23/2009 18:30:08
Receipt Date:	20090923
Manifest ID:	002123484SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090825
Creation Date:	9/25/2009 18:30:20
Receipt Date:	20090826
Manifest ID:	002086730SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090728

PARADISE AUTO BODY (Continued) **1000857871**

Creation Date:	8/17/2009 18:30:40
Receipt Date:	20090729
Manifest ID:	002008995SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090630
Creation Date:	7/31/2009 18:30:08
Receipt Date:	20090701
Manifest ID:	001878717SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090630
Creation Date:	11/3/2009 18:30:08
Receipt Date:	20090712
Manifest ID:	002009383SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD

PARADISE AUTO BODY (Continued) **1000857871**

TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090602
Creation Date:	6/30/2009 18:30:19
Receipt Date:	20090603
Manifest ID:	001843516SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090506
Creation Date:	5/29/2009 18:30:40
Receipt Date:	20090507
Manifest ID:	001908745SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

PARADISE AUTO BODY (Continued) **1000857871**

Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Information:

Year:	2008
Gen EPA ID:	CAD983673211
Shipment Date:	20081216
Creation Date:	1/15/2009 18:30:27
Receipt Date:	20081217
Manifest ID:	001625327SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20081119
Creation Date:	12/30/2008 18:30:27
Receipt Date:	20081120
Manifest ID:	001477879SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P

PARADISE AUTO BODY (Continued) **1000857871**

Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20081022
Creation Date:	11/18/2008 18:30:24
Receipt Date:	20081022
Manifest ID:	001526229SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080826
Creation Date:	10/10/2008 18:30:08
Receipt Date:	20080827
Manifest ID:	001398550SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080729

PARADISE AUTO BODY (Continued) **1000857871**

Creation Date:	9/4/2008 18:30:07
Receipt Date:	20080730
Manifest ID:	001137050SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20080701
Creation Date:	8/8/2008 18:30:37
Receipt Date:	20080702
Manifest ID:	001113070SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20080604
Creation Date:	9/10/2008 18:30:25
Receipt Date:	20080605
Manifest ID:	001146335SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080507
Creation Date:	6/25/2008 18:30:27
Receipt Date:	20080508
Manifest ID:	001198544SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080409
Creation Date:	5/21/2008 18:30:28
Receipt Date:	20080410
Manifest ID:	001178099SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

PARADISE AUTO BODY (Continued) **1000857871**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080312
Creation Date:	4/22/2008 18:30:43
Receipt Date:	20080313
Manifest ID:	000916897SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Information:

Year:	2007
Gen EPA ID:	CAD983673211
Shipment Date:	20071212
Creation Date:	3/4/2008 18:30:28
Receipt Date:	20071213
Manifest ID:	000943310SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27

PARADISE AUTO BODY (Continued) **1000857871**

Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20071120
Creation Date:	2/29/2008 18:30:25
Receipt Date:	20071121
Manifest ID:	000827813SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20071024
Creation Date:	1/25/2008 18:30:39
Receipt Date:	20071025
Manifest ID:	000757124SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Shipment Date:	20070926
Creation Date:	12/28/2007 18:30:53
Receipt Date:	20070927
Manifest ID:	000792221SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20070829
Creation Date:	11/6/2007 18:30:06
Receipt Date:	20070830
Manifest ID:	000850610SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20070802
Creation Date:	1/8/2008 18:30:16
Receipt Date:	20070803
Manifest ID:	000874836SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070705
Creation Date:	12/28/2007 18:30:26
Receipt Date:	20070706
Manifest ID:	000442637SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070606
Creation Date:	10/11/2007 18:30:06
Receipt Date:	20070607
Manifest ID:	000324975SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

PARADISE AUTO BODY (Continued) **1000857871**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070509
Creation Date:	8/28/2007 18:30:20
Receipt Date:	20070509
Manifest ID:	000499833SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20070411
Creation Date:	8/23/2007 18:30:14
Receipt Date:	20070412
Manifest ID:	000471296SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035

PARADISE AUTO BODY (Continued) **1000857871**

Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Information:

Year:	2006
Gen EPA ID:	CAD983673211
Shipment Date:	20061212
Creation Date:	3/30/2007 13:34:03
Receipt Date:	20061213
Manifest ID:	000302222SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20061121
Creation Date:	3/30/2007 13:32:48
Receipt Date:	20061122
Manifest ID:	000236219CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000760
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Shipment Date:	20061024
Creation Date:	4/19/2007 18:30:58
Receipt Date:	20061025
Manifest ID:	000946062JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000760
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20060927
Creation Date:	3/30/2007 13:31:52
Receipt Date:	20060928
Manifest ID:	001004409JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20060831
Creation Date:	10/5/2006 18:31:29
Receipt Date:	20060831
Manifest ID:	24835028
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060802
Creation Date:	9/17/2006 18:33:10
Receipt Date:	20060802
Manifest ID:	24898875
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060705
Creation Date:	9/8/2006 18:31:20
Receipt Date:	20060705
Manifest ID:	25002434
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018

PARADISE AUTO BODY (Continued) **1000857871**

Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060607
Creation Date:	8/25/2006 18:30:24
Receipt Date:	20060608
Manifest ID:	24613507
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060510
Creation Date:	12/22/2006 18:30:48
Receipt Date:	20060510
Manifest ID:	24609431
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060412

PARADISE AUTO BODY (Continued) **1000857871**

Creation Date:	12/21/2006 18:30:38
Receipt Date:	20060413
Manifest ID:	24622129
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2005
Gen EPA ID:	CAD983673211
Shipment Date:	20051221
Creation Date:	3/16/2006 18:30:37
Receipt Date:	20051222
Manifest ID:	23687142
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051122
Creation Date:	1/2/2007 18:30:08
Receipt Date:	20051128
Manifest ID:	24606050
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC

PARADISE AUTO BODY (Continued) **1000857871**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051025
Creation Date:	6/22/2006 18:31:22
Receipt Date:	20051027
Manifest ID:	24743274
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050929
Creation Date:	3/12/2006 18:30:40
Receipt Date:	20051003
Manifest ID:	23683978
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station

PARADISE AUTO BODY (Continued) **1000857871**

Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050831
Creation Date:	4/13/2006 18:46:51
Receipt Date:	20050901
Manifest ID:	23682964
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050803
Creation Date:	10/12/2005 18:35:03
Receipt Date:	20050804
Manifest ID:	24722023
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Shipment Date:	20050707
Creation Date:	10/11/2005 18:31:29
Receipt Date:	20050707
Manifest ID:	24502463
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050608
Creation Date:	9/13/2005 18:30:54
Receipt Date:	20050610
Manifest ID:	24493322
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050510
Creation Date:	7/28/2005 18:30:54
Receipt Date:	20050511
Manifest ID:	24495841
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

PARADISE AUTO BODY (Continued) **1000857871**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050413
Creation Date:	7/21/2005 18:31:13
Receipt Date:	20050414
Manifest ID:	23666164
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2004
Gen EPA ID:	CAD983673211

Shipment Date:	20041215
Creation Date:	3/13/2007 18:30:42
Receipt Date:	20041216
Manifest ID:	23724811
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

PARADISE AUTO BODY (Continued) **1000857871**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041028
Creation Date:	1/10/2005 18:31:02
Receipt Date:	20041029
Manifest ID:	23721947
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040929
Creation Date:	1/6/2005 18:32:03
Receipt Date:	20040930
Manifest ID:	23715747
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Shipment Date:	20040804
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040805
Manifest ID:	23509516
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040713
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040714
Manifest ID:	23511698
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040611
Creation Date:	10/15/2004 15:16:06
Receipt Date:	20040614
Manifest ID:	23504854
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

PARADISE AUTO BODY (Continued) **1000857871**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040517
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040518
Manifest ID:	23474498
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040415
Creation Date:	10/14/2004 7:49:48
Receipt Date:	20040416
Manifest ID:	23478656
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P

PARADISE AUTO BODY (Continued) **1000857871**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040317
Creation Date:	10/1/2004 18:31:52
Receipt Date:	20040318
Manifest ID:	23472350
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040219
Creation Date:	9/10/2004 8:42:02
Receipt Date:	20040220
Manifest ID:	22587222
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2003
Gen EPA ID:	CAD983673211

PARADISE AUTO BODY (Continued) **1000857871**

Shipment Date:	20031219
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20031222
Manifest ID:	22581041
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031120
Creation Date:	8/24/2004 10:00:04
Receipt Date:	20031121
Manifest ID:	23307631
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031028
Creation Date:	8/5/2004 10:07:02
Receipt Date:	20031029
Manifest ID:	22520619
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517

PARADISE AUTO BODY (Continued) **1000857871**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030930
Creation Date:	8/3/2004 15:02:31
Receipt Date:	20031001
Manifest ID:	22528189
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030904
Creation Date:	7/29/2004 7:44:50
Receipt Date:	20030905
Manifest ID:	22512584
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P

PARADISE AUTO BODY (Continued) **1000857871**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030806
Creation Date:	7/28/2004 10:45:53
Receipt Date:	20030807
Manifest ID:	22875245
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030708
Creation Date:	7/28/2004 10:45:53
Receipt Date:	20030709
Manifest ID:	22880077
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030612
Creation Date:	7/20/2004 10:01:52
Receipt Date:	20030613

PARADISE AUTO BODY (Continued) **1000857871**

Manifest ID:	22380091
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030513
Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030514
Manifest ID:	22369340
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030414
Creation Date:	1/5/2007 18:30:44
Receipt Date:	20030415
Manifest ID:	22445840
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2002
Gen EPA ID:	CAD983673211
Shipment Date:	20021226
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021227
Manifest ID:	22200228
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021125
Creation Date:	3/15/2003 18:31:28
Receipt Date:	20021126
Manifest ID:	22139871
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36

PARADISE AUTO BODY (Continued) **1000857871**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021030
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021031
Manifest ID:	22144274
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021002
Creation Date:	1/28/2003 18:32:43
Receipt Date:	20021003
Manifest ID:	21939405
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020906
Creation Date:	1/27/2003 18:32:25

PARADISE AUTO BODY (Continued) **1000857871**

Receipt Date:	20020909
Manifest ID:	21900084
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020807
Creation Date:	1/27/2003 18:31:12
Receipt Date:	20020808
Manifest ID:	21749352
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020710
Creation Date:	9/18/2002 18:32:45
Receipt Date:	20020711
Manifest ID:	21737731
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020612
Creation Date:	2/4/2003 14:36:32
Receipt Date:	20020613
Manifest ID:	21733147
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020516
Creation Date:	7/19/2002 15:54:46
Receipt Date:	20020517
Manifest ID:	21597070
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

PARADISE AUTO BODY (Continued) **1000857871**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020429
Creation Date:	7/29/2002 18:39:34
Receipt Date:	20020502
Manifest ID:	21511316
Trans EPA ID:	CAD980694103
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

D28 **SAFEWAY STORE NO 302** **RCRA NonGen / NLR** **1016452985**
ENE **6020 CLARK RD** **FINDS** **CAR000243717**
1/8-1/4 **PARADISE, CA 95969** **ECHO**
0.222 mi. **E MANIFEST**
1174 ft. **Site 5 of 6 in cluster D**

Relative: **Higher**
Actual: **1849 ft.**

RCRA Listings:

Date Form Received by Agency:	20181220
Handler Name:	Safeway Store No 302
Handler Address:	6020 Clark Rd
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAR000243717
Contact Name:	KEITH B POWERS
Contact Address:	5918 STONERIDGE MALL RD
Contact City,State,Zip:	PLEASANTON, CA 94588
Contact Telephone:	925-226-5655
Contact Fax:	623-869-1548
Contact Email:	KEITH.POWERS@SAFEWAY.COM
Contact Title:	ENV COMPLIANCE MGR
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5918 STONERIDGE MALL RD
Mailing City,State,Zip:	PLEASANTON, CA 94588

SAFEWAY STORE NO 302 (Continued) **1016452985**

Owner Name:	Safeway Inc
Owner Type:	Private
Operator Name:	Safeway
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190104
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

SAFEWAY STORE NO 302 (Continued) **1016452985**

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SAFEWAY
Legal Status: Private
Date Became Current: 19831112
Date Ended Current: Not reported
Owner/Operator Address: 5918 STONERIDGE MALL RD
Owner/Operator City,State,Zip: PLEASANTON, CA 94588
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFEWAY INC
Legal Status: Private
Date Became Current: 19830101
Date Ended Current: Not reported
Owner/Operator Address: 5918 STONERIDGE MALL RD
Owner/Operator City,State,Zip: PLEASANTON, CA 94588
Owner/Operator Telephone: 925-467-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFEWAY INC
Legal Status: Private
Date Became Current: 19830101
Date Ended Current: Not reported
Owner/Operator Address: 5918 STONERIDGE MALL RD
Owner/Operator City,State,Zip: PLEASANTON, CA 94588
Owner/Operator Telephone: 925-467-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFEWAY
Legal Status: Private
Date Became Current: 19831112
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140117
Handler Name: SAFEWAY STORE NO 302

SAFEWAY STORE NO 302 (Continued) **1016452985**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20181220
Handler Name:	SAFEWAY STORE NO 302
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	445110
NAICS Description:	SUPERMARKETS AND OTHER GROCERY RETAILERS (EXCEPT CONVENIENCE RETAILERS)

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110057071494

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1016452985
Registry ID:	110057071494

SAFEWAY STORE NO 302 (Continued) **1016452985**

DFR URL:
Name: SAFEWAY STORE NO 302
Address: 6020 CLARK RD
City,State,Zip: PARADISE, CA 95969

E MANIFEST:

Manifest Tracking Number:	018821359JJK
Last Updated Date:	20181024
Shipped Date:	20180912
Received Date:	20180924
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000243717
Generator Name:	Safeway Store No 302
Generator Location Street Number:	Not reported
Generator Location Street 1:	6020 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5918 STONERIDGE MALL RD
Generator Mail Street 2:	Not reported
Generator Mail City:	PLEASANTON
Generator Mail Zip:	94588
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	IDD073114654
Designated Facility Name:	Us Ecology Idaho Inc Site B
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 400
Designated Facility Mail City:	GRAND VIEW
Designated Facility Mail Zip:	83624
Designated Facility Mail State:	ID
Designated Facility Location Street Number:	20400
Designated Facility Location Street 1:	20400 LEMLEY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	GRAND VIEW
Designated Facility Location Zip:	83624
Designated Facility Location State:	ID
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Federal Waste:

Manifest Tracking Number:	018821359JJK
Waste Line Number:	1
Federal Waste Code:	D001
Federal Waste:	IGNITABLE WASTE

Manifest Tracking Number:	018821359JJK
Waste Line Number:	1
Federal Waste Code:	D002

SAFEWAY STORE NO 302 (Continued) **1016452985**

Federal Waste: CORROSIVE WASTE

Manifest Tracking Number: 018821359JJK
Waste Line Number: 2
Federal Waste Code: D002
Federal Waste: CORROSIVE WASTE

Manifest Tracking Number: 018821359JJK
Waste Line Number: 3
Federal Waste Code: D007
Federal Waste: CHROMIUM

Manifest Tracking Number: 018821359JJK
Waste Line Number: 3
Federal Waste Code: D010
Federal Waste: SELENIUM

Manifest Tracking Number: 018821359JJK
Waste Line Number: 3
Federal Waste Code: D011
Federal Waste: SILVER

Manifest Tracking Number: 018821359JJK
Waste Line Number: 4
Federal Waste Code: P001
Federal Waste: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

State Waste:
Manifest Tracking Number: 018821359JJK
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 331
State Waste: Off-specification, aged, or surplus organics

Manifest Tracking Number: 018821359JJK
Waste Line Number: 2
State Waste Code Owner: CA
State Waste Code: 141
State Waste: Off-specification, aged, or surplus inorganics

Manifest Tracking Number: 018821359JJK
Waste Line Number: 3
State Waste Code Owner: CA
State Waste Code: 331
State Waste: Off-specification, aged, or surplus organics

Manifest Tracking Number: 018821359JJK
Waste Line Number: 4
State Waste Code Owner: CA
State Waste Code: 311
State Waste: Pharmaceutical waste

Transporter:
Manifest Tracking Number: 018821359JJK

SAFEWAY STORE NO 302 (Continued) **1016452985**

Transporter Line Number: 1
Transporter EPA ID: MIK435642742
Transporter Name: Eq Industrial Services Inc

Manifest Tracking Number: 018821359JJK
Transporter Line Number: 2
Transporter EPA ID: MOD095038998
Transporter Name: Bed Rock Inc Dba Tri State Motor Transit Co

Waste Line:
Manifest Tracking Number: 018821359JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1950
U.S. DOT Description: Rq, Un1950, Waste Aerosols, 2.1, (Rq D001, D002), Erg#126
Non-Hazardous Waste Description: Not reported
Number of Containers: 4
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 25
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0125
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0125
Waste Quantity, in Kilograms: 11.337875
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 11.337875
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 018821359JJK
Waste Line Number: 2
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1791
U.S. DOT Description: Rq, Un1791, Waste Hypochlorite Solutions, 8, Pgii, Rq(D002), Erg#154
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds

SAFEWAY STORE NO 302 (Continued) **1016452985**

Waste Quantity, in Tons:	0.0025
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0025
Waste Quantity, in Kilograms:	2.267575
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	2.267575
Management Method Code:	H110
Management Method Description:	STABILIZATION
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Manifest Tracking Number:	018821359JJK
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1851
U.S. DOT Description:	Rq, Un1851, Waste Medicine, Liquid, Toxic, N.O.S (Silver, Chromium), 6.1, Pgiii, Rq(D011), Erg#151
Non-Hazardous Waste Description:	Not reported
Number of Containers:	10
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	134
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.067
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.067
Waste Quantity, in Kilograms:	60.771015
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	60.771015
Management Method Code:	H110
Management Method Description:	STABILIZATION
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported

SAFEWAY STORE NO 302 (Continued) **1016452985**

EPA Waste Indicator:	Y
Manifest Tracking Number:	018821359JJK
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3249
U.S. DOT Description:	Rq, Un3249, Waste Medicines, Solid, Toxic, N.O.S. (Residue Last Contained: Warfarin), 6.1, Pgii, Rq(P001), Erg#151
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	1
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0005
Acute Waste Quantity, in Tons:	0.0005
Non-Acute Waste Quantity, in Tons:	0
Waste Quantity, in Kilograms:	0.45351502
Acute Waste Quantity, in Kilograms:	0.45351502
Non-Acute Waste Quantity, in Kilorgrams:	0
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

D29 **SAFEWAY 0302** **CHMIRS S118469253**
ENE **6020 CLARK AVE** **CUPA Listings N/A**
1/8-1/4 **PARADISE, CA 95969**
0.222 mi.
1174 ft. **Site 6 of 6 in cluster D**

Relative: **Higher**

Actual: **1849 ft.**

CHMIRS:

Name:	Not reported
Address:	6020 CLARK AVE
City,State,Zip:	PARADISE, CA 95969
OES Incident Number:	17-3305
OES notification:	05/08/2017
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported

SAFEWAY 0302 (Continued) **S118469253**

Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Unknown
Waterway:	Storm Drain
Spill Site:	Merchant/Business
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	SEWAGE
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1300
Year:	2017
Agency:	Safeway
Incident Date:	05/08/2017
Admin Agency:	Butte County Health Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Storm Drain
E Date:	Not reported
Substance:	Sewage
Quantity Released:	5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No

SAFEWAY 0302 (Continued) **S118469253**

Comments: Not reported
Description: Per caller sewer manhole cover overflowed due to plumbing issue located in the store. Sewage has stopped leaking. Plumbers are on-site to clean up material located on affected surface area and in storm drain. Unknown if sewage was contained in catchment system at this time.

CUPA BUTTE:
Name: SAFEWAY 0302
Address: 6020 CLARK AVE
City,State,Zip: PARADISE, CA 95969
Program/Element: B1 - RANGE 0 - 200 - 2,000 CUBIC FEET
Billing Status: ACTIVE, BILLABLE
CERS ID: 10156611

Name: SAFEWAY 0302
Address: 6020 CLARK AVE
City,State,Zip: PARADISE, CA 95969
Program/Element: HAZ WASTE GEN < THAN 100 kg/mo
Billing Status: ACTIVE, BILLABLE
CERS ID: 10156611

F30 **GUYNN INC DBA JIFFY LUBE** **RCRA NonGen / NLR** **1024821821**
ENE **6081 CLARK RD** **E MANIFEST** **CAL000338562**
1/8-1/4 **PARADISE, CA 95969**
0.228 mi.
1204 ft. **Site 1 of 2 in cluster F**

Relative: **Higher**
Actual: **1842 ft.**

RCRA Listings:
Date Form Received by Agency: 20081205
Handler Name: Guynn Inc Dba Jiffy Lube
Handler Address: 6081 Clark Rd
Handler City,State,Zip: PARADISE, CA 95969
EPA ID: CAL000338562
Contact Name: RICHARD GUYNN
Contact Address: 1218 MANGROVE AVE
Contact City,State,Zip: CHICO, CA 95926
Contact Telephone: 530-895-3807
Contact Fax: 530-895-8238
Contact Email: RICHARD.GUYNN@COMCAST.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1218 MANGROVE AVE
Mailing City,State,Zip: CHICO, CA 95926-3528
Owner Name: Richard Guynn
Owner Type: Other
Operator Name: Richard Guynn
Operator Type: Other

GUYNN INC DBA JIFFY LUBE (Continued) **1024821821**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: RICHARD GUYNN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1218 MANGROVE AVE
Owner/Operator City,State,Zip:	CHICO, CA 95926-3528
Owner/Operator Telephone:	916-895-3807
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD GUYNN	

GUYNN INC DBA JIFFY LUBE (Continued) **1024821821**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1218 MANGROVE AVE
Owner/Operator City,State,Zip:	CHICO, CA 95926
Owner/Operator Telephone:	530-895-3807
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20081205
Handler Name:	GUYNN INC DBA JIFFY LUBE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	021513730JJK
Last Updated Date:	20200818
Shipped Date:	20200714
Received Date:	20200727
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000338562
Generator Name:	Jiffy Lube #33559 - Jif410
Generator Location Street Number:	Not reported
Generator Location Street 1:	6081 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6081 CLARK RD
Generator Mail Street 2:	Not reported
Generator Mail City:	PARADISE

GUYNN INC DBA JIFFY LUBE (Continued) **1024821821**

Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018168834JJK
Last Updated Date:	20190423
Shipped Date:	20190325
Received Date:	20190404
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000338562
Generator Name:	Guynn Inc Dba Jiffy Lube
Generator Location Street Number:	Not reported
Generator Location Street 1:	6081 CLARK RD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6081 CLARK RD
Generator Mail Street 2:	Not reported
Generator Mail City:	PARADISE
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ

GUYNN INC DBA JIFFY LUBE (Continued) **1024821821**

Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	014050565JJK
Last Updated Date:	20181022
Shipped Date:	20180917
Received Date:	20180928
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000338562
Generator Name:	Guynn Inc Dba Jiffy Lube
Generator Location Street Number:	Not reported
Generator Location Street 1:	6081 CLARK ROAD
Generator Location Street 2:	Not reported
Generator Location City:	PARADISE
Generator Location State:	CA
Generator Location Zip:	95969
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	6081 CLARK ROAD
Generator Mail Street 2:	Not reported
Generator Mail City:	PARADISE
Generator Mail Zip:	95969
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	014050565JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	352
State Waste:	Other organic solids

Transporter:

Manifest Tracking Number:	014050565JJK
Transporter Line Number:	1
Transporter EPA ID:	CAD028277036
Transporter Name:	Asbury Environmental Services

GUYNN INC DBA JIFFY LUBE (Continued) **1024821821**

Manifest Tracking Number:	014050565JJK
Transporter Line Number:	2
Transporter EPA ID:	CAR000175422
Transporter Name:	Worldwide Recovery System Inc

Waste Line:

Manifest Tracking Number:	014050565JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NON-RCRA HAZARDOUS WASTE, SOLID (OILY PAPER/PLASTIC FILTERS/DEBRIS)
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	100
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.05
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.05
Waste Quantity, in Kilograms:	45.3515
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	45.3515
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

F31 **JIFFY LUBE #3359** **AST** **S110818659**
ENE **6081 CLARK RD** **CERS HAZ WASTE** **N/A**
1/8-1/4 **PARADISE, CA 95969** **CERS TANKS**
0.228 mi. **CUPA Listings**
1204 ft. **Site 2 of 2 in cluster F** **CERS**

Relative:
Higher

Actual:
1842 ft.

AST:

Name:	JIFFY LUBE #3359
Address:	6081 CLARK RD
City/Zip:	PARADISE,95969
Certified Unified Program Agencies:	Not reported
Owner:	Richard Guynn
Total Gallons:	Not reported
CERSID:	10277851
Facility ID:	Not reported
Business Name:	Guynn Inc.

JIFFY LUBE #3359 (Continued) **S110818659**

Phone:	530-413-9081
Fax:	Not reported
Mailing Address:	6081 CLARK Rd
Mailing Address City:	PARADISE
Mailing Address State:	CA
Mailing Address Zip Code:	95969
Operator Name:	Jiffy Lube
Operator Phone:	530-413-9081
Owner Phone:	530-413-9081
Owner Mail Address:	6081 CLARK Rd
Owner State:	CA
Owner Zip Code:	95969
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAL000338562

CERS HAZ WASTE:

Name:	JIFFY LUBE #3359
Address:	6081 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	126100
CERS ID:	10277851
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	JIFFY LUBE #3359
Address:	6081 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	126100
CERS ID:	10277851
CERS Description:	Aboveground Petroleum Storage

CUPA BUTTE:

Name:	JIFFY LUBE #3359
Address:	6081 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	1320-10,000g QUALIFIED (NON ENGINEERED) SPCC
Billing Status:	ACTIVE, BILLABLE
CERS ID:	10277851

Name:	JIFFY LUBE #3359
Address:	6081 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	B2 - RANGE 1 - 550 - 5,500 GALLONS
Billing Status:	ACTIVE, BILLABLE
CERS ID:	10277851

Name:	JIFFY LUBE #3359
Address:	6081 CLARK RD
City,State,Zip:	PARADISE, CA 95969

JIFFY LUBE #3359 (Continued) **S110818659**

Program/Element: HAZ WASTE GEN > 1,000 kg/mo (CAL)
Billing Status: ACTIVE, BILLABLE
CERS ID: 10277851

CERS:
Name: JIFFY LUBE #3359
Address: 6081 CLARK RD
City,State,Zip: PARADISE, CA 95969
Site ID: 126100
CERS ID: 10277851
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 126100
Site Name: JIFFY LUBE #3359
Violation Date: 07-13-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 07/27/2016. EPA ID expired. Return to compliance: Fax application for reactivation. Faxed 7/13/2016.
Violation Division: Butte County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 126100
Site Name: JIFFY LUBE #3359
Violation Date: 07-13-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 08/01/2016. Last reviewed 1/16/2014. Return to compliance: Review CERS information.
Violation Division: Butte County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126100
Site Name: JIFFY LUBE #3359
Violation Date: 07-13-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 07/13/2016. EPA ID expired. Return to compliance: Fax application for reactivation. Faxed 7/13/2016.
Violation Division: Butte County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 126100
Site Name: JIFFY LUBE #3359

JIFFY LUBE #3359 (Continued) **S110818659**

Violation Date: 07-13-2016
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 08/01/2016. Five year review due. Last review 3/2011. Return to compliance: Review SPCC plan.
Violation Division: Butte County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 126100
Site Name: JIFFY LUBE #3359
Violation Date: 07-13-2016
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 07/27/2016.
Violation Division: Butte County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

JIFFY LUBE #3359 (Continued) **S110818659**

Eval Date: 07-13-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Butte County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 126100
Site Name: JIFFY LUBE #3359
Site Address: 6081 CLARK RD

JIFFY LUBE #3359 (Continued) **S110818659**

Site City:	PARADISE
Site Zip:	95969
Enf Action Date:	07-13-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Butte County Environmental Health
Enf Action Program:	APSA
Enf Action Source:	CERS,

Site ID:	126100
Site Name:	JIFFY LUBE #3359
Site Address:	6081 CLARK RD
Site City:	PARADISE
Site Zip:	95969
Enf Action Date:	07-13-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Butte County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS,

Site ID:	126100
Site Name:	JIFFY LUBE #3359
Site Address:	6081 CLARK RD
Site City:	PARADISE
Site Zip:	95969
Enf Action Date:	07-13-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Butte County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,

Coordinates:

Site ID:	126100
Facility Name:	JIFFY LUBE #3359
Env Int Type Code:	HWG
Program ID:	10277851
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	39.761890
Longitude:	-121.605900

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	6081 CLARK Rd
Affiliation City:	PARADISE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95969
Affiliation Phone:	,

JIFFY LUBE #3359 (Continued) **S110818659**

Affiliation Type Desc:	Identification Signer
Entity Name:	Bryan Guynn
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Richard Guynn
Entity Title:	Not reported
Affiliation Address:	6081 CLARK Rd
Affiliation City:	PARADISE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95969
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Guynn Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	Butte County Environmental Health
Entity Title:	Not reported
Affiliation Address:	202 Mira Loma Drive
Affiliation City:	Oroville
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95965
Affiliation Phone:	(530) 552-3880,

Affiliation Type Desc:	Legal Owner
Entity Name:	Richard Guynn
Entity Title:	Not reported
Affiliation Address:	6081 CLARK Rd
Affiliation City:	PARADISE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95969
Affiliation Phone:	(530) 413-9081,

Affiliation Type Desc:	Document Preparer
Entity Name:	RICHARD GUYNN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

JIFFY LUBE #3359 (Continued) **S110818659**

Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Jiffy Lube
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(530) 413-9081,
Affiliation Type Desc:	Property Owner
Entity Name:	Guynn Inc. dba Jiffy Lube
Entity Title:	Not reported
Affiliation Address:	6081 Clark Rd
Affiliation City:	Paradise
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95969
Affiliation Phone:	(530) 521-7416,

G32 **G + J POWELL INC DBA GROCERY OUTLET OF PARADISE** **RCRA NonGen / NLR** **1024865594**
ENE **6026 CLARK RD STE A** **CAL000434168**
1/8-1/4 **PARADISE, CA 95969**
0.247 mi.
1303 ft. **Site 1 of 2 in cluster G**

Relative: **Higher**

Actual: **1847 ft.**

RCRA Listings:

Date Form Received by Agency:	20180309
Handler Name:	G + J Powell Inc Dba Grocery Outlet Of Paradise
Handler Address:	6026 Clark Rd Ste A
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAL000434168
Contact Name:	GREG POWELL
Contact Address:	6026 CLARK RD STE A
Contact City,State,Zip:	PARADISE, CA 95969
Contact Telephone:	530-876-9687
Contact Fax:	530-876-9688
Contact Email:	PARADISE@GROCERYOUTLET.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6026 CLARK RD STE A
Mailing City,State,Zip:	PARADISE, CA 95969
Owner Name:	Greg + Jessica Powell Inc
Owner Type:	Other
Operator Name:	Greg Powell
Operator Type:	Other

G + J POWELL INC DBA GROCERY OUTLET OF PARADISE (Continued) **1024865594**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: GREG POWELL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6026 CLARK RD STE A
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-876-9687
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: GREG + JESSICA POWELL INC	

G + J POWELL INC DBA GROCERY OUTLET OF PARADISE (Continued) **1024865594**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6026 CLARK RD STE A
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-876-9687
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180309
Handler Name:	G + J POWELL INC DBA GROCERY OUTLET OF PARADISE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	454390
NAICS Description:	OTHER DIRECT SELLING ESTABLISHMENTS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G33 **GROCERY OUTLET** **CUPA Listings** **S118584658**
ENE **6026 CLARK RD STE A** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.247 mi.
1303 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
1847 ft.

CUPA BUTTE:

Name:	GROCERY OUTLET
Address:	6026 CLARK RD STE A
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	ACTIVE, BILLABLE
CERS ID:	10278850

34
SE
1/8-1/4
0.247 mi.
1303 ft.

PARADISE CENTER FOR DENTURES & IMPLANTS
5910 CLARK RD # D
PARADISE, CA 95969

CUPA Listings
S118584538
N/A

Relative:
Higher

Actual:
1836 ft.

CUPA BUTTE:

Name:	PARADISE CENTER FOR DENTURES & IMPLANTS
Address:	5910 CLARK RD # D
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	Not reported

35
East
1/4-1/2
0.373 mi.
1972 ft.

FRAZIER, EDWARD G.
5920 COPELAND
PARADISE, CA 95969

HIST CORTESE
S105025507
N/A

Relative:
Higher

Actual:
1833 ft.

HIST CORTESE:

edr_fname:	FRAZIER, EDWARD G.
edr_fadd1:	5920 COPELAND
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Facility County Code:	18
Reg By:	WBC&D
Reg Id:	6A189012N95

H36
SSE
1/4-1/2
0.481 mi.
2542 ft.

WESTERN PETROLEUM MARKETERS
5725 CLARK RD
PARADISE, CA 95969

Site 1 of 4 in cluster H

LUST
Cortese
CERS

S104816212
N/A

Relative:
Lower

Actual:
1775 ft.

LUST:

Name:	WESTERN PETROLEUM MARKETERS
Address:	5725 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5R)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600793583
Latitude:	39.752454
Longitude:	-121.607978
Status:	Completed - Case Closed
Status Date:	08/16/2013
Case Worker:	MAB
RB Case Number:	040250
Local Agency:	BUTTE COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	YES

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Quantity Released Gallons:	Not reported
Begin Date:	08/12/2000
Leak Reported Date:	09/20/2000
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	08/16/2013
CA Water Watershed Name:	Butte Creek - Upper Dry Creek (521.10)
Dwr Groundwater Subbasin Name:	Not reported
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	31-35%
CA Enviroscreen 4 Score:	35-40%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5R)
Site History:	The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:

Global Id:	T0600793583
Contact Type:	Local Agency Caseworker
Contact Name:	LESLIE ROBERTS
Organization Name:	BUTTE COUNTY
Address:	411 MAIN STREET
City:	CHICO
Email:	lroberts@buttecounty.net
Phone Number:	5308912727

Global Id:	T0600793583
Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	MELISSA BUCIAK
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5R)
Address:	364 Knollcrest Drive, Suite 205
City:	REDDING
Email:	mbuciak@waterboards.ca.gov
Phone Number:	5302244854

LUST:

Global Id:	T0600793583
Action Type:	RESPONSE
Date:	10/30/2003
Action:	Monitoring Report - Quarterly

Global Id:	T0600793583
Action Type:	RESPONSE
Date:	07/02/2004
Action:	Other Workplan

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/31/2003
Action: Soil and Water Investigation Report

Global Id: T0600793583
Action Type: RESPONSE
Date: 12/21/2007
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 01/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Date: 01/27/2007
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 03/15/2013
Action: Well Destruction Report

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 05/27/2011
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 02/17/2011
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 12/13/2012
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 09/24/2012
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 07/18/2012
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 08/23/2013
Action: Closure/No Further Action Letter

Global Id: T0600793583
Action Type: Other
Date: 09/20/2000
Action: Leak Reported

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Global Id: T0600793583
Action Type: RESPONSE
Date: 06/26/2009
Action: Other Report / Document

Global Id: T0600793583
Action Type: RESPONSE
Date: 05/31/2010
Action: Pilot Study/ Treatability Report

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/31/2012
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 01/11/2007
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Date: 09/01/2006
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 08/19/2004
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 03/25/2009
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 06/09/2009
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 09/15/2009
Action: Staff Letter

Global Id: T0600793583
Action Type: Other
Date: 08/12/2000
Action: Leak Stopped

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 08/10/2005
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0600793583
Action Type: RESPONSE
Date: 08/10/2005
Action: Other Report / Document

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 12/21/2007
Action: Soil and Water Investigation Report

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Global Id: T0600793583
Action Type: RESPONSE
Date: 12/08/2006
Action: Remedial Progress Report

Global Id: T0600793583
Action Type: REMEDIATION
Date: 03/15/2005
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 04/23/2002
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 04/30/2003
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 05/06/2004
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 02/09/2004
Action: Staff Letter

Global Id: T0600793583
Action Type: ENFORCEMENT
Date: 10/25/2006
Action: Staff Letter

Global Id: T0600793583
Action Type: Other
Date: 09/20/2000
Action: Leak Discovery

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Date: 04/16/2004
Action: Other Workplan

Global Id: T0600793583
Action Type: RESPONSE
Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 02/17/2011
Action: Other Report / Document

Global Id: T0600793583
Action Type: RESPONSE
Date: 12/01/2010
Action: Pilot Study/ Treatability Report

Global Id: T0600793583
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0600793583
Action Type: RESPONSE
Date: 11/09/2012
Action: Request for Closure - Regulator Responded

LUST:
Global Id: T0600793583
Status: Open - Case Begin Date
Status Date: 08/12/2000

Global Id: T0600793583
Status: Open - Site Assessment
Status Date: 10/23/2000

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Global Id: T0600793583
Status: Open - Site Assessment
Status Date: 01/29/2002

Global Id: T0600793583
Status: Open - Site Assessment
Status Date: 04/27/2002

Global Id: T0600793583
Status: Open - Remediation
Status Date: 04/23/2003

Global Id: T0600793583
Status: Open - Remediation
Status Date: 10/28/2005

Global Id: T0600793583
Status: Open - Remediation
Status Date: 12/08/2006

Global Id: T0600793583
Status: Open - Site Assessment
Status Date: 05/12/2008

Global Id: T0600793583
Status: Open - Verification Monitoring
Status Date: 05/12/2008

Global Id: T0600793583
Status: Open - Eligible for Closure
Status Date: 06/25/2013

Global Id: T0600793583
Status: Completed - Case Closed
Status Date: 08/16/2013

LUST REG 5:
Name: WESTERN PETROLEUM MARKETERS
Address: 5725 CLARK RD
City: PARADISE
Region: 5
Status: Preliminary site assessment underway
Case Number: 040250
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: RDJ
Lead Agency: Regional
Program: LUST
MTBE Code: 3

CORTESE:
Name: WESTERN PETROLEUM MARKETERS
Address: 5725 CLARK RD
City,State,Zip: PARADISE, CA 95969
Region: CORTESE

WESTERN PETROLEUM MARKETERS (Continued) **S104816212**

Envirostor Id:	Not reported
Global ID:	T0600793583
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	WESTERN PETROLEUM MARKETERS
Address:	5725 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	878412
CERS ID:	T0600793583
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LESLIE ROBERTS - BUTTE COUNTY
Entity Title:	Not reported
Affiliation Address:	411 MAIN STREET
Affiliation City:	CHICO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5308912727,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MELISSA BUCIAK - 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:	5302244854,

H37 **WESTERN PETROLEUM MARKETERS** **UST FINDER RELEASE** **1029130371**
SSE **5725 CLARK RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.481 mi.
2542 ft. **Site 2 of 4 in cluster H**

Relative: **Lower**
Actual: **1775 ft.**

UST FINDER RELEASE:

Object ID:	48792
Facility ID:	Not reported
Lust ID:	CAT0600793583
Name:	WESTERN PETROLEUM MARKETERS
Address:	5725 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	354
Domestic Wells within 1500ft:	1
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.60779
Y Coord:	39.7526
Latitude:	39.7526
Longitude:	-121.607789999999

H38 **NELLA OIL SS #45** **UST FINDER RELEASE** **1029050711**
SSE **5734 CLARK RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.495 mi.
2614 ft. **Site 3 of 4 in cluster H**

Relative: **Lower**
Actual: **1772 ft.**

UST FINDER RELEASE:

Object ID:	48793
Facility ID:	Not reported
Lust ID:	CAT0600700145
Name:	NELLA OIL SS #45
Address:	5734 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	Open

NELLA OIL SS #45 (Continued) **1029050711**

Substance:	Not reported
Population within 1500ft:	351
Domestic Wells within 1500ft:	1
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.60772
Y Coord:	39.75255
Latitude:	39.7525499999999
Longitude:	-121.60772

H39 **NELLA OIL SS #45** **LUST** **S101628981**
SSE **5734 CLARK RD** **SWEEPS UST** **N/A**
1/4-1/2 **PARADISE, CA 95969** **CA FID UST**
0.495 mi. **Cortese**
2614 ft. **Site 4 of 4 in cluster H** **CUPA Listings**
EMI
Relative: **HIST CORTESE**
Lower **CERS**

Actual:
1772 ft.

LUST:

Name:	NELLA OIL SS #45
Address:	5734 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5R)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600700145
Latitude:	39.752570041
Longitude:	-121.60747645
Status:	Completed - Case Closed
Status Date:	06/11/2021
Case Worker:	MAB
RB Case Number:	040150
Local Agency:	BUTTE COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9

NELLA OIL SS #45 (Continued) **S101628981**

Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	03/18/1996
Leak Reported Date:	04/04/1996
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Piping
Discharge Cause:	Unknown
Stop Method:	Replace product piping
Stop Description:	Not reported
No Further Action Date:	06/11/2021
CA Water Watershed Name:	Butte Creek - Upper Dry Creek (521.10)
Dwr Groundwater Subbasin Name:	Not reported
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	21-25%
CA Enviroscreen 4 Score:	30-35%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5R)
Site History:	The Site is an active commercial petroleum fueling facility. An authorized release was discovered in March 1996 during replacement of the dispenser product lines. From 1996 to 2006, the soil and groundwater beneath the Site and on adjacent offsite properties has been extensively sampled to delineate the lateral and vertical extent of pollution. Sixteen monitoring wells and six remediation wells have been installed and regularly monitoring since 1996. Dual phase extraction was conducted intermittently between June 2008 and January 2012, which removed approximately 2,000 pounds of total petroleum hydrocarbons as gasoline, 300 pounds of methyl tert-butyl ether (MTBE) and 360,000 gallons of contaminated groundwater. However, water quality objectives for MTBE and tert-butyl ether (TBA) have not been achieved downgradient of the Site. In July 2014, Central Valley Water Board approved a Corrective Action Plan for the use of both aerobic and anaerobic enhanced bioremediation and groundwater recirculation as a remedial alternative to treat the downgradient MTBE and TBA plume. Implementation is planned, following appropriate permitting and community involvement, during 2015 and 2016. Additional groundwater monitoring will be conducted, after the bioremediation activities are complete, through the second quarter 2018 to monitor the effectiveness of the cleanup. The Site was damaged by the Camp Fire and has not operated as active commercial petroleum fueling facility since November 2018. The current operator of the gas station (Speedway) had no plans to reopen; therefore, in August 2020, the underground storage tanks (USTs) and associated dispensers and piping were removed from the Site. The Site was closed under the Low-Threat Closure Policy in June 2021.

LUST:

Global Id:	T0600700145
Contact Type:	Local Agency Caseworker
Contact Name:	LESLIE ROBERTS
Organization Name:	BUTTE COUNTY
Address:	411 MAIN STREET
City:	CHICO
Email:	lroberts@buttecounty.net
Phone Number:	5308912727

NELLA OIL SS #45 (Continued) **S101628981**

Global Id: T0600700145
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: MELISSA BUCIAK
Organization Name: CENTRAL VALLEY RWQCB (REGION 5R)
Address: 364 Knollcrest Drive, Suite 205
City: REDDING
Email: mbuciak@waterboards.ca.gov
Phone Number: 5302244854

LUST:
Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 07/13/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 06/16/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 03/27/2007
Action: Other Workplan

Global Id: T0600700145
Action Type: RESPONSE
Date: 09/21/2009
Action: Other Report / Document

Global Id: T0600700145
Action Type: RESPONSE

NELLA OIL SS #45 (Continued) **S101628981**

Date: 07/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 06/09/2014
Action: Pilot Study/ Treatability Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 11/30/2020
Action: Well Destruction Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/31/2018
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 05/10/2016
Action: Other Report / Document

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 06/24/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 04/23/2015
Action: Waste Discharge Requirements

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 04/28/2016
Action: Verbal Communication

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 12/30/2016
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 10/08/2019
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 06/11/2021
Action: Closure/No Further Action Letter

NELLA OIL SS #45 (Continued) **S101628981**

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 06/02/2006
Action: Soil and Water Investigation Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/27/2007
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 03/26/2012
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 05/14/2013
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT

NELLA OIL SS #45 (Continued) **S101628981**

Date: 06/18/2013
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 07/17/2012
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 05/16/2013
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 10/12/2017
Action: Verbal Communication

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 05/16/2013
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 03/12/2015
Action: Waste Discharge Requirements

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 06/01/2016
Action: Amendment to Order

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 08/05/2019
Action: Notification - Public Notice of Case Closure

Global Id: T0600700145
Action Type: Other
Date: 04/04/1996
Action: Leak Reported

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

NELLA OIL SS #45 (Continued) **S101628981**

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/30/2005
Action: Soil and Water Investigation Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/18/2007
Action: Interim Remedial Action Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 06/01/2012
Action: Other Workplan

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/17/2012
Action: Site Assessment Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/31/2012
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 06/17/2014
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 05/04/2015
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: ENFORCEMENT

NELLA OIL SS #45 (Continued) **S101628981**

Date: 11/20/2015
Action: Verbal Communication

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 11/03/2008
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 11/02/2009
Action: Staff Letter

Global Id: T0600700145
Action Type: Other
Date: 03/18/1996
Action: Leak Stopped

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/28/2005
Action: NPDES / WDR Reports

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/28/2005
Action: Soil and Water Investigation Workplan

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

NELLA OIL SS #45 (Continued) **S101628981**

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/22/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/19/2007
Action: Interim Remedial Action Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 02/24/2006
Action: Soil and Water Investigation Workplan

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/31/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0600700145
Action Type: RESPONSE
Date: 02/12/2015
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 05/19/2017
Action: Remedial Action Complete

Global Id: T0600700145
Action Type: RESPONSE

NELLA OIL SS #45 (Continued) **S101628981**

Date: 05/12/2016
Action: Email Correspondence

Global Id: T0600700145
Action Type: RESPONSE
Date: 03/31/2020
Action: Well Destruction Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/06/2020
Action: Email Correspondence

Global Id: T0600700145
Action Type: REMEDIATION
Date: 06/17/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0600700145
Action Type: REMEDIATION
Date: 06/01/2008
Action: Dual Phase Extraction

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 12/08/1997
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 11/16/2005
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 10/03/2002
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 12/22/2003
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 08/19/2004
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 11/10/2004
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 02/02/2007
Action: Staff Letter

NELLA OIL SS #45 (Continued) **S101628981**

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 02/17/2005
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 05/04/2005
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 09/12/2005
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 02/24/2006
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 10/25/2006
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 02/14/2018
Action: Staff Letter

Global Id: T0600700145
Action Type: ENFORCEMENT
Date: 06/26/2015
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600700145
Action Type: Other
Date: 04/03/1996
Action: Leak Discovery

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE

NELLA OIL SS #45 (Continued) **S101628981**

Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 01/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 06/09/2014
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0600700145
Action Type: RESPONSE
Date: 09/24/2020
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600700145
Action Type: RESPONSE
Date: 05/12/2016
Action: Email Correspondence

Global Id: T0600700145
Action Type: RESPONSE
Date: 08/01/2016
Action: Monitoring Report - Quarterly

Global Id: T0600700145
Action Type: RESPONSE
Date: 03/15/2013
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0600700145
Action Type: RESPONSE
Date: 06/09/2014
Action: Other Workplan - Regulator Responded

Global Id: T0600700145
Action Type: RESPONSE
Date: 06/07/2019
Action: Request for Closure - Regulator Responded

LUST:
Global Id: T0600700145
Status: Open - Case Begin Date
Status Date: 03/18/1996

NELLA OIL SS #45 (Continued) **S101628981**

Global Id: T0600700145
Status: Open - Site Assessment
Status Date: 04/03/1996

Global Id: T0600700145
Status: Open - Site Assessment
Status Date: 04/08/1996

Global Id: T0600700145
Status: Open - Site Assessment
Status Date: 12/19/1997

Global Id: T0600700145
Status: Open - Remediation
Status Date: 07/06/2004

Global Id: T0600700145
Status: Open - Remediation
Status Date: 10/25/2004

Global Id: T0600700145
Status: Open - Site Assessment
Status Date: 04/29/2005

Global Id: T0600700145
Status: Open - Site Assessment
Status Date: 03/02/2006

Global Id: T0600700145
Status: Open - Remediation
Status Date: 01/29/2007

Global Id: T0600700145
Status: Open - Site Assessment
Status Date: 07/15/2013

Global Id: T0600700145
Status: Open - Remediation
Status Date: 07/23/2014

Global Id: T0600700145
Status: Open - Verification Monitoring
Status Date: 07/31/2017

Global Id: T0600700145
Status: Open - Eligible for Closure
Status Date: 06/07/2019

Global Id: T0600700145
Status: Completed - Case Closed
Status Date: 06/11/2021

LUST REG 5:
Name: NELLA OIL SS #45
Address: 5734 CLARK RD
City: PARADISE

NELLA OIL SS #45 (Continued) **S101628981**

Region: 5
Status: Remediation Plan
Case Number: 040150
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: RDJ
Lead Agency: Regional
Program: LUST
MTBE Code: 8

SWEEPS UST:
Name: ONE STOP #45/NELLA OIL COMPANY
Address: 5734 CLARK RD
City: PARADISE
Status: Active
Comp Number: 241
Number: 1
Board Of Equalization: 44-001649
Referral Date: 12-20-90
Action Date: 02-03-94
Created Date: 02-29-88
Owner Tank Id: 48
SWRCB Tank Id: 04-000-000241-000001
Tank Status: A
Capacity: 20000
Active Date: 11-17-89
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Name: ONE STOP #45/NELLA OIL COMPANY
Address: 5734 CLARK RD
City: PARADISE
Status: Active
Comp Number: 241
Number: 1
Board Of Equalization: 44-001649
Referral Date: 12-20-90
Action Date: 02-03-94
Created Date: 02-29-88
Owner Tank Id: 49
SWRCB Tank Id: 04-000-000241-000002
Tank Status: A
Capacity: 10000
Active Date: 11-17-89
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ONE STOP #45/NELLA OIL COMPANY
Address: 5734 CLARK RD
City: PARADISE
Status: Active
Comp Number: 241
Number: 1

NELLA OIL SS #45 (Continued) **S101628981**

Board Of Equalization: 44-001649
Referral Date: 12-20-90
Action Date: 02-03-94
Created Date: 02-29-88
Owner Tank Id: 50
SWRCB Tank Id: 04-000-000241-000003
Tank Status: A
Capacity: 10000
Active Date: 11-17-89
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ONE STOP #45/NELLA OIL COMPANY
Address: 5734 CLARK RD
City: PARADISE
Status: Active
Comp Number: 241
Number: 1
Board Of Equalization: 44-001649
Referral Date: 12-20-90
Action Date: 02-03-94
Created Date: 02-29-88
Owner Tank Id: 51
SWRCB Tank Id: 04-000-000241-000004
Tank Status: A
Capacity: 6275
Active Date: 11-17-89
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 04000117
Regulated By: UTNKA
Regulated ID: 00000241
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9168850401
Mail To: Not reported
Mailing Address: 2349 RICKENBACKER WAY
Mailing Address 2: Not reported
Mailing City,St,Zip: PARADISE 95965
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: NELLA OIL SS #45
Address: 5734 CLARK RD

NELLA OIL SS #45 (Continued) **S101628981**

City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600700145
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CUPA BUTTE:

Name:	FLYERS #45
Address:	5734 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	GENERAL UST
Billing Status:	ACTIVE, EXEMPT FROM BILLING
CERS ID:	10129501

Name:	FLYERS #45
Address:	5734 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	PERMITTED UST FACILITY WITH 1-5 HM MATERIALS
Billing Status:	ACTIVE, BILLABLE
CERS ID:	10129501

Name:	FLYERS #45
Address:	5734 CLARK RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	GENERAL HAZ WASTE
Billing Status:	ACTIVE, EXEMPT FROM BILLING
CERS ID:	10129501

EMI:

Name:	ONE STOP STATION #45
Address:	5734 CLARK RD
City,State,Zip:	PARADISE, CA 95965
Year:	1990
County Code:	4
Air Basin:	SV
Facility ID:	50
Air District Name:	BUT
SIC Code:	5541
Air District Name:	BUTTE COUNTY AQMD

NELLA OIL SS #45 (Continued) **S101628981**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	NELLA OIL CHEVRON #45
Address:	5734 CLARK ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2011
County Code:	4
Air Basin:	SV
Facility ID:	497
Air District Name:	BUT
SIC Code:	5541
Air District Name:	BUTTE COUNTY AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.94
Reactive Organic Gases Tons/Yr:	0.936522
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FLYERS #45
Address:	5734 CLARK ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2012
County Code:	4
Air Basin:	SV
Facility ID:	497
Air District Name:	BUT
SIC Code:	5541
Air District Name:	BUTTE COUNTY AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.94
Reactive Organic Gases Tons/Yr:	0.936522
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FLYERS #45
Address:	5734 CLARK ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2013
County Code:	4
Air Basin:	SV
Facility ID:	497

NELLA OIL SS #45 (Continued) **S101628981**

Air District Name:	BUT
SIC Code:	5541
Air District Name:	BUTTE COUNTY AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.94
Reactive Organic Gases Tons/Yr:	0.936522
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FLYERS #45
Address:	5734 CLARK ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2014
County Code:	4
Air Basin:	SV
Facility ID:	497
Air District Name:	BUT
SIC Code:	5541
Air District Name:	BUTTE COUNTY AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.94
Reactive Organic Gases Tons/Yr:	0.94
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FLYERS #45
Address:	5734 CLARK ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2015
County Code:	4
Air Basin:	SV
Facility ID:	497
Air District Name:	BUT
SIC Code:	5541
Air District Name:	BUTTE COUNTY AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.94
Reactive Organic Gases Tons/Yr:	0.94
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FLYERS #45
Address:	5734 CLARK ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2016

NELLA OIL SS #45 (Continued) **S101628981**

County Code:	4
Air Basin:	SV
Facility ID:	497
Air District Name:	BUT
SIC Code:	5541
Air District Name:	BUTTE COUNTY AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.94
Reactive Organic Gases Tons/Yr:	0.94
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HIST CORTESE:

edr_fname:	NELLA OIL SS #45
edr_fadd1:	5734 CLARK
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Facility County Code:	4
Reg By:	LTNKA
Reg Id:	040150

CERS:

Name:	MOBIL #58306
Address:	5734 CLARK ROAD
City,State,Zip:	PARADISE, CA 95969
Site ID:	482774
CERS ID:	110054321934
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LESLIE ROBERTS BUTTE CNTY
Entity Title:	Not reported
Affiliation Address:	411 MAIN STREET
Affiliation City:	CHICO
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MELISSA BUCIAK CTRL VLY RWQCB REGN 5R
Entity Title:	Not reported
Affiliation Address:	364 KNOLLCREST DR SUITE 200
Affiliation City:	REDDING
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Name:	NELLA OIL SS #45
Address:	5734 CLARK RD

NELLA OIL SS #45 (Continued) **S101628981**

City,State,Zip: PARADISE, CA 95969
Site ID: 853538
CERS ID: T0600700145
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LESLIE ROBERTS - BUTTE COUNTY
Entity Title: Not reported
Affiliation Address: 411 MAIN STREET
Affiliation City: CHICO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5308912727,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MELISSA BUCIAK - 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: 5302244854,

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40 WNW 1/2-1 0.574 mi. 3029 ft. **BEACON STATION #455 ULTRAMAR INC** **SWEEPS UST** **U000075947**
6901 SKYWAY **Notify 65** **N/A**
PARADISE, CA 95969

Relative: Higher
Actual: 1827 ft.

SWEEPS UST:
Name: BEACON STATION #455 ULTRAMAR INC
Address: 6901 SKYWAY
City: PARADISE
Status: Not reported
Comp Number: 38892
Number: Not reported
Board Of Equalization: 44-001747
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 04-000-038892-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 3

Name: BEACON STATION #455 ULTRAMAR INC
Address: 6901 SKYWAY
City: PARADISE
Status: Not reported

BEACON STATION #455 ULTRAMAR INC (Continued) **U000075947**

Comp Number:	38892
Number:	Not reported
Board Of Equalization:	44-001747
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	04-000-038892-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	BEACON STATION #455 ULTRAMAR INC
Address:	6901 SKYWAY
City:	PARADISE
Status:	Not reported
Comp Number:	38892
Number:	Not reported
Board Of Equalization:	44-001747
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	04-000-038892-000003
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

NOTIFY 65:

Name:	BEACON SERVICE STATION #455
Address:	6901 SKYWAY
City,State,Zip:	PARADISE, CA., CA
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	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

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/18/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 07/15/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
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: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 12/02/2024
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: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

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

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/06/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 86

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 3: Leaking Underground Storage Tank Database

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

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

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

LUST REG 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 8: Leaking Underground Storage Tanks

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: 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 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: 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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
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

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

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

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

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

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 76

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Semi-Annually

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: 11/25/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/29/2024
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

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

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
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: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/13/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 27

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
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: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
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: 01/23/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
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: 12/31/2022
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76
Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 07/29/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79
Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

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

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

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 11/26/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/07/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

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

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
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: 08/01/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

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

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

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 10/01/2024
Date Data Arrived at EDR: 11/12/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/12/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/04/2024
Next Scheduled EDR Contact: 02/17/2025
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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
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: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/14/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/24/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 03/10/2025
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: 10/01/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: 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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/17/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

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

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

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

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

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/04/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 51
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

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

Date of Government Version: 09/30/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 93

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
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: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
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: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/14/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 1

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/18/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 8

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 67

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

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

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

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

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

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

Date of Government Version: 12/13/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

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

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

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

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

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

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

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

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
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: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 10/13/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA’s UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA’s Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS sites included in the Envirostor and GeoTracker databases. Locations of potential sources of per - and polyfluoroalkyl substances (PFAS). This does not mean that PFAS has been produced, used, or discharged at these sites.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

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

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
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

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

CUPA LIV-PLE: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 09/19/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 81

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

DRYCLEAN N SONOMA: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 08/23/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 71

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 76

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/14/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77
Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDOCINO: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 71
Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 10/02/2024
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 78
Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89
Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN N COAST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Annually

DRYCLEAN SHASTA: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SIERRA: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTERY BAY: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 76

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 72

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 78

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQUIN: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77
Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 75
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RVR: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88
Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
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: 05/29/2024
Date Data Arrived at EDR: 11/07/2024
Date Made Active in Reports: 11/22/2024
Number of Days to Update: 15
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 84
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76
Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/10/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/06/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 77

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
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: 09/30/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 12/13/2024
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

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: 07/19/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
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: 12/31/2023
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/25/2024
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

MINES: Mines Site Location Listing

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

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
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: 07/26/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
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: 09/05/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 68
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: No Update Planned

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: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Annually

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

Date of Government Version: 09/02/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 09/05/2024
Number of Days to Update: 1
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
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: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
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.

Date of Government Version: 08/20/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/22/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

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

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

Date of Government Version: N/A
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 09/26/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/13/2025
Number of Days to Update: 82

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/08/2024
Date Made Active in Reports: 04/26/2024
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

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

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/19/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

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

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/11/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 80

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
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: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

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

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 01/17/2025
Number of Days to Update: 77

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

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

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
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: 09/26/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 72

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/04/2024
Date Data Arrived at EDR: 10/04/2024
Date Made Active in Reports: 12/23/2024
Number of Days to Update: 80

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/17/2024
Number of Days to Update: 75

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
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
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
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: 05/14/2024
Date Data Arrived at EDR: 07/09/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 80

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/21/2025
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: 09/01/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 09/01/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation LA County List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/21/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/07/2024
Number of Days to Update: 83
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
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
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
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
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 82
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

MARIN COUNTY:

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

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

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

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

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/08/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 10/31/2024
Number of Days to Update: 22

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 10/04/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

MONTEREY COUNTY:

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

Date of Government Version: 10/18/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 04/23/2024
Date Data Arrived at EDR: 04/25/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 62

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Orange County
Petroleum and non-petroleum spills.

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 10/31/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 10/31/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 10/29/2024
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

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

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64
Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Quarterly

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

Date of Government Version: 12/05/2024
Date Data Arrived at EDR: 12/05/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 26
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/25/2024
Date Data Arrived at EDR: 10/29/2024
Date Made Active in Reports: 01/17/2025
Number of Days to Update: 80

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 08/13/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/20/2024
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/28/2025
Next Scheduled EDR Contact: 05/12/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

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

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/17/2024
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
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: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 10/28/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 83
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
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: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 10/28/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 86
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

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

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/06/2025
Number of Days to Update: 82
Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

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

Date of Government Version: 08/07/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 81

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

SAN MATEO COUNTY:

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: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
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: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/04/2025
Data Release Frequency: Varies

SITE MIT SANTA CRUZ: Site Mitigation Santa Cruz County List
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
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: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 07/29/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 68

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/27/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/11/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

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

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 07/02/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 6

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/13/2025
Next Scheduled EDR Contact: 04/28/2025
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: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
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: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
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: 07/02/2024
Date Data Arrived at EDR: 07/18/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 5
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/13/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

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

Date of Government Version: 08/27/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
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: 09/18/2024
Date Data Arrived at EDR: 09/25/2024
Date Made Active in Reports: 12/13/2024
Number of Days to Update: 79
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Annually

YUBA COUNTY:

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

Date of Government Version: 10/17/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/27/2025
Number of Days to Update: 83
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
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: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

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

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1023 ELLIOTT ROAD
1023 ELLIOTT ROAD
PARADISE, CA 95969

TARGET PROPERTY COORDINATES

Latitude (North):	39.759959 - 39° 45' 35.85''
Longitude (West):	121.610138 - 121° 36' 36.50''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	619057.8
UTM Y (Meters):	4401829.5
Elevation:	1819 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50006557 PARADISE EAST, CA
Version Date:	2022
Southeast Map:	50006505 CHEROKEE, CA
Version Date:	2022
Southwest Map:	50004797 HAMLIN CANYON, CA
Version Date:	2021
Northwest Map:	50004815 PARADISE WEST, CA
Version Date:	2021

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

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

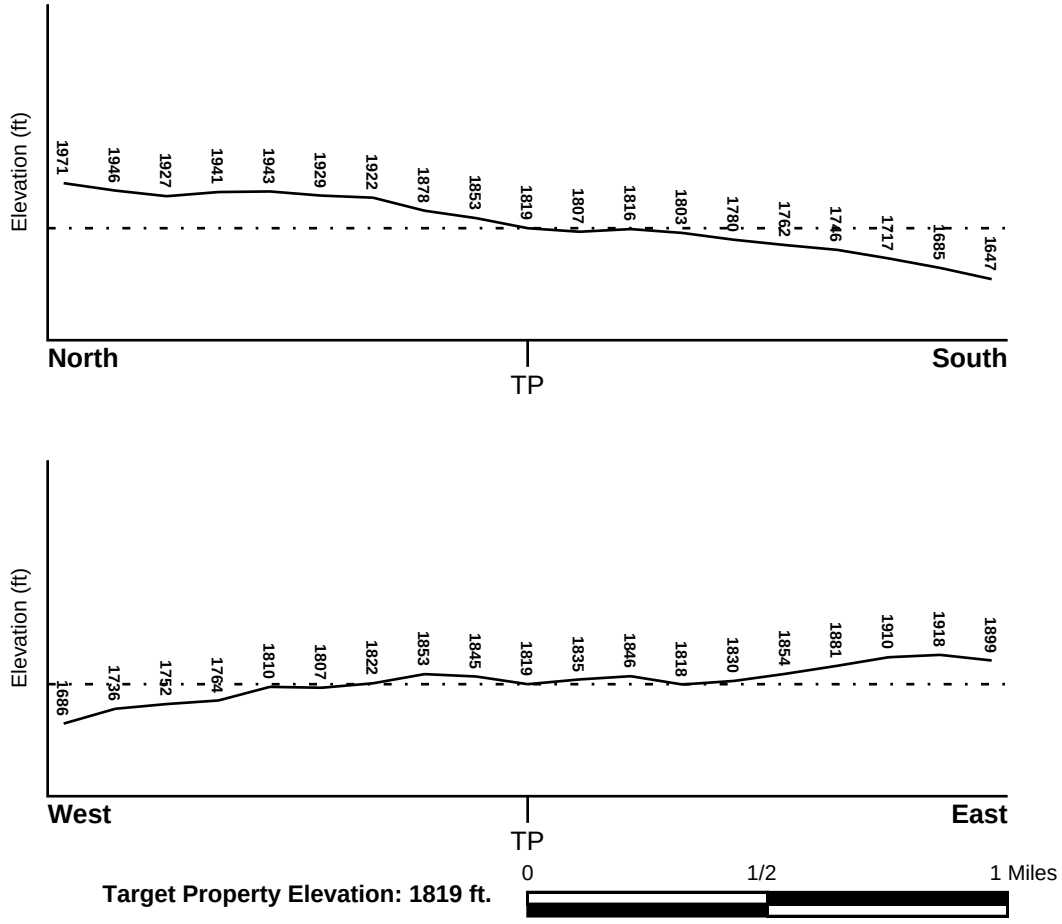
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
Not Reported	

Additional Panels in search area:	FEMA Source Type
06007C0375E	FEMA FIRM Flood data
06007C0575E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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 volcanic rocks
Code:	Tpv *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Volcanic Rocks

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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	COHASSET
Soil Surface Texture:	cobbly - loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 40 inches
Depth to Bedrock Max:	> 72 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	15 inches	cobbly - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.10
2	15 inches	55 inches	cobbly - clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	55 inches	59 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
loam
stony - loam
gravelly - loam
very stony - sandy loam
very cobbly - sandy loam
stony - sandy loam
fragmental material
cobbly - sandy loam
gravelly - sandy loam
very cobbly - loam

Surficial Soil Types:
loam
stony - loam
gravelly - loam
very stony - sandy loam
very cobbly - sandy loam
stony - sandy loam
fragmental material
cobbly - sandy loam
gravelly - sandy loam
very cobbly - loam

Shallow Soil Types:
very cobbly - sandy loam

Deeper Soil Types:
cobbly - clay
unweathered bedrock
fragmental material

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

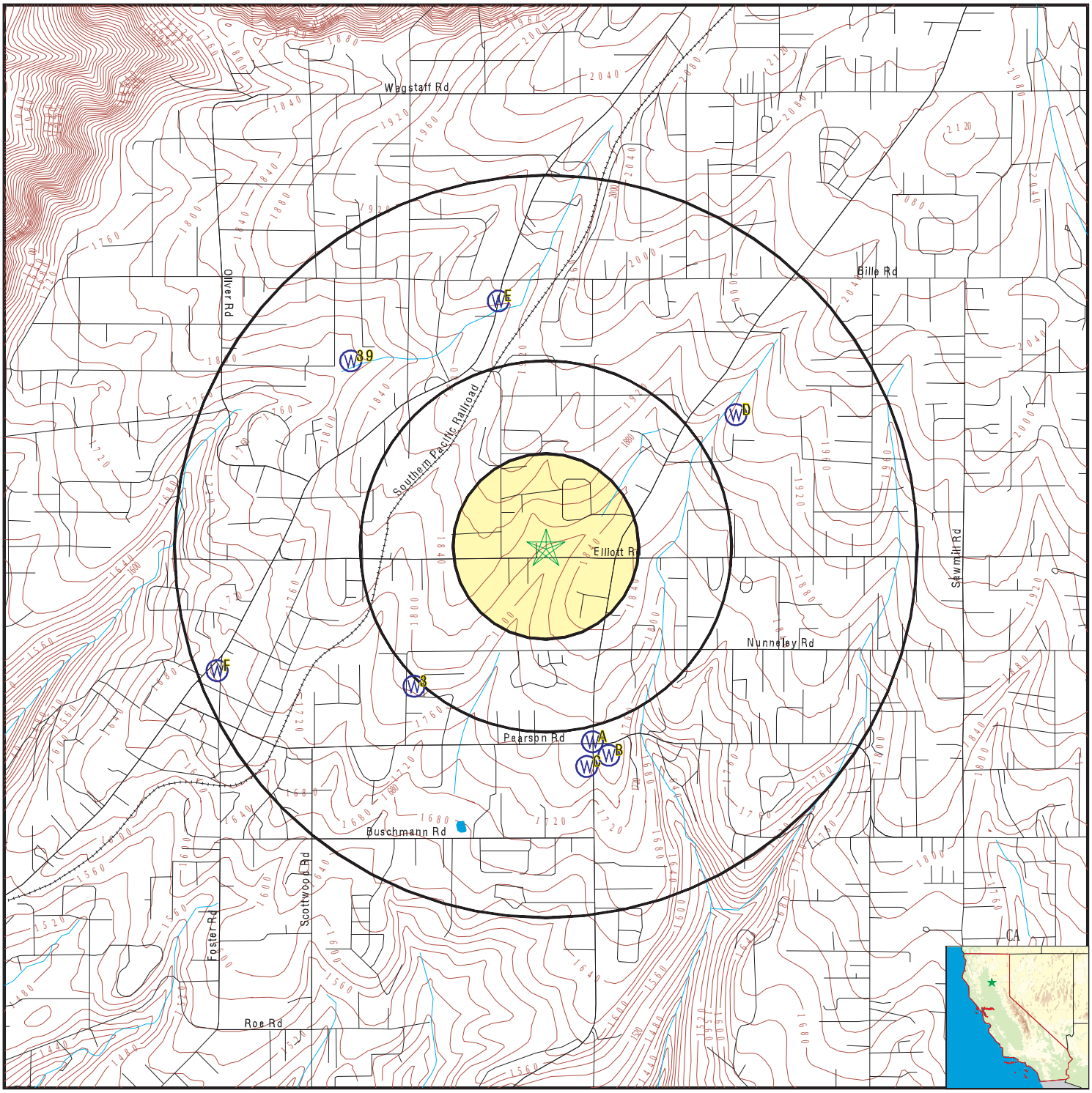
MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000078593	1/2 - 1 Mile SSE
A2	CAEDF0000087532	1/2 - 1 Mile SSE
3	CADDW2000022174	1/2 - 1 Mile SW
A4	CAEDF0000010349	1/2 - 1 Mile SSE
A5	CAEDF0000111769	1/2 - 1 Mile SSE
A6	CAEDF0000068672	1/2 - 1 Mile SSE
A7	CAEDF0000034918	1/2 - 1 Mile South
A8	CAEDF0000087992	1/2 - 1 Mile SSE
A9	CAEDF0000137818	1/2 - 1 Mile SSE
A10	CAEDF0000083618	1/2 - 1 Mile SSE
A11	CAEDF0000055525	1/2 - 1 Mile SSE
A12	CAEDF0000052997	1/2 - 1 Mile SSE
A13	CAEDF0000126707	1/2 - 1 Mile SSE
A14	CAEDF0000017466	1/2 - 1 Mile SSE
A15	CAEDF0000034448	1/2 - 1 Mile SSE
A16	CAEDF0000031850	1/2 - 1 Mile South
A17	CAEDF0000003763	1/2 - 1 Mile South
A18	CAEDF0000019498	1/2 - 1 Mile South
A19	CAEDF0000143397	1/2 - 1 Mile SSE
A20	CAEDF0000098651	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A21	CAEDF0000133865	1/2 - 1 Mile SSE
B22	CAEDF0000019452	1/2 - 1 Mile SSE
A23	CAEDF0000067384	1/2 - 1 Mile SSE
B24	CAEDF0000129811	1/2 - 1 Mile SSE
B25	CAEDF0000114428	1/2 - 1 Mile SSE
C26	CAEDF0000104655	1/2 - 1 Mile SSE
C27	CAEDF0000033326	1/2 - 1 Mile SSE
C28	CAEDF0000008792	1/2 - 1 Mile South
B29	CAEDF0000019991	1/2 - 1 Mile SSE
D30	CALLNL000000341	1/2 - 1 Mile NE
D31	CAUSGSN00010506	1/2 - 1 Mile NE
D32	CADDW2000005729	1/2 - 1 Mile NE
D33	CAUSGS000001755	1/2 - 1 Mile NE
E34	CAEDF0000060455	1/2 - 1 Mile North
E35	CAEDF0000058250	1/2 - 1 Mile NNW
E36	CAEDF0000116040	1/2 - 1 Mile North
E37	CAEDF0000137103	1/2 - 1 Mile North
E38	CAEDF0000128605	1/2 - 1 Mile NNW
39	CADWR0000038054	1/2 - 1 Mile NW
F40	CAEDF0000102299	1/2 - 1 Mile WSW
F41	CAEDF0000092557	1/2 - 1 Mile WSW
F42	CAEDF0000051479	1/2 - 1 Mile WSW
F43	CAEDF0000106667	1/2 - 1 Mile WSW
F44	CAEDF0000078507	1/2 - 1 Mile WSW
F45	CAEDF0000073242	1/2 - 1 Mile WSW
F46	CAEDF0000110349	1/2 - 1 Mile WSW
F47	CAEDF0000087729	1/2 - 1 Mile WSW
F48	CAEDF0000074860	1/2 - 1 Mile WSW
F49	CAEDF0000023533	1/2 - 1 Mile WSW
F50	CAEDF0000086959	1/2 - 1 Mile WSW
F51	CAEDF0000043038	1/2 - 1 Mile WSW
F52	CAEDF0000008883	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 7888498.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1023 Elliott Road
ADDRESS:	1023 Elliott Road Paradise CA 95969
LAT/LONG:	39.759959 / 121.610138
CLIENT:	Padre Associates, Inc
CONTACT:	Matt Miller
INQUIRY #:	7888498.2s
DATE:	February 03, 2025 8:07 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000078593**

Well ID:	T0600793583-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-1		

A2
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087532**

Well ID:	T0600793583-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-6		

3
SW
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000022174**

GAMA:

Well ID:	CA0409190_001_001	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	0409190-001
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=CA0409190_001_001&store_num=		
GeoTracker Data:	Not Reported		

A4
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000010349**

Well ID:	T0600793583-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000111769**

Well ID:	T0600793583-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-2		

A6
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068672**

Well ID:	T0600700145-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-1		

A7
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000034918**

Well ID:	T0600793583-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-5		

A8
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087992**

Well ID:	T0600700145-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A9
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000137818**

Well ID:	T0600700145-RW-3D	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-3D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=RW-3D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=RW-3D		

A10
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000083618**

Well ID:	T0600793583-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-3		

A11
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000055525**

Well ID:	T0600700145-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-7		

A12
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052997**

Well ID:	T0600700145-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A13
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000126707**

Well ID:	T0600700145-RW-1D	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-1D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=RW-1D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=RW-1D		

A14
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000017466**

Well ID:	T0600700145-RW-4D	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-4D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=RW-4D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=RW-4D		

A15
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000034448**

Well ID:	T0600700145-RW-2D	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-2D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=RW-2D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=RW-2D		

A16
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031850**

Well ID:	T0600793583-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-11		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A17
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003763**

Well ID:	T0600700145-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-11		

A18
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019498**

Well ID:	T0600793583-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-7		

A19
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143397**

Well ID:	T0600700145-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-6		

A20
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000098651**

Well ID:	T0600793583-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A21
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133865**

Well ID:	T0600700145-MW-6R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-6R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-6R		

B22
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019452**

Well ID:	T0600700145-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-8		

A23
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067384**

Well ID:	T0600700145-EX-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EX-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=EX-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=EX-2		

B24
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000129811**

Well ID:	T0600700145-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-12		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B25
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114428**

Well ID:	T0600700145-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-13		

C26
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000104655**

Well ID:	T0600700145-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-10		

C27
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033326**

Well ID:	T0600793583-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-10		

C28
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000008792**

Well ID:	T0600793583-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600793583&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600793583&assigned_name=MW-9		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
B29 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000019991**

Well ID:	T0600700145-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700145&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700145&assigned_name=MW-9		

	Database	EDR ID Number
D30 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CALLNL000000341**

Well ID:	101391	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	0410007-004	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Krypton	Results:	.0000000855156
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Argon	Results:	.000378626
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Tritium (Hydrogen 3)	Results:	1.66
Units:	pCi/L	Date:	05/12/2003
Chemical:	Helium-3/Helium-4	Results:	.00000149505
Units:	atom ratio	Date:	03/04/2003
Chemical:	Neon	Results:	.000000196749
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Xenon	Results:	.0000000119829
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Helium-4	Results:	.0000000467202
Units:	cm3STP/g	Date:	03/04/2003

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D31
NE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00010506**

Well ID:	USGS-394500121360001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-394500121360001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-394500121360001&store_num=		
GeoTracker Data:	Not Reported		

D32
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW2000005729**

GAMA:

Well ID:	CA0410007_004_004	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	0410007-004
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=CA0410007_004_004&store_num=		
GeoTracker Data:	Not Reported		

D33
NE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGS000001755**

GAMA:

Well ID:	CAMP-ES-05	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Names:	CAMP-ES-05	GAMA Pfas testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=CAMP-ES-05&store_num=		
GeoTracker Data:	Not Reported		

E34
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060455**

Well ID:	T0600700008-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700008&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700008&assigned_name=MW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E35
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000058250**

Well ID:	T0600700008-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700008&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700008&assigned_name=MW-13		

E36
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116040**

Well ID:	T0600700008-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700008&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700008&assigned_name=MW-10		

E37
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137103**

Well ID:	T0600700008-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700008&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700008&assigned_name=MW-9		

E38
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128605**

Well ID:	T0600700008-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700008&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700008&assigned_name=MW-12		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

39
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000038054**

Well ID:	22N03E15A001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	22N03E15A001M	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=22N03E15A001M&store_num=		
GeoTracker Data:	Not Reported		

F40
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000102299**

Well ID:	T0600700139-RW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=RW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=RW-2		

F41
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092557**

Well ID:	T0600700139-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=MW-1R		

F42
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051479**

Well ID:	T0600700139-RW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=RW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=RW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F43
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000106667**

Well ID:	T0600700139-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=MW-2		

F44
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000078507**

Well ID:	T0600700139-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=MW-3		

F45
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073242**

Well ID:	T0600700139-MW-3R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=MW-3R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=MW-3R		

F46
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000110349**

Well ID:	T0600700139-VEW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=VEW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=VEW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F47
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087729**

Well ID:	T0600700139-RW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=RW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=RW-1		

F48
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074860**

Well ID:	T0600700139-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=MW-4		

F49
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023533**

Well ID:	T0600700139-VEW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=VEW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=VEW-3		

F50
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000086959**

Well ID:	T0600700139-RW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=RW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=RW-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F51
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043038**

Well ID:	T0600700139-MW-4R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=MW-4R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=MW-4R		

F52
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000008883**

Well ID:	T0600700139-VEW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600700139&assigned_name=VEW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600700139&assigned_name=VEW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95969	33	2

Federal EPA Radon Zone for BUTTE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95969

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.658 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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

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

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX G
QUALIFICATIONS OF ENVIRONMENTAL ASSESSOR

ENVIRONMENTAL ASSESSOR QUALIFICATIONS

The environmental professionals responsible for conducting or reviewing this Phase I ESA and preparing the report include:

Alan J. Klein, R.E.P.A., C.P.E.S.C., QSD/QSP, is a Associate, Senior Environmental Scientist with Padre Associates, Inc. He holds a Bachelor of Arts degree in Environmental Studies and Planning from California State University, Sonoma, 1985. Mr. Klein obtained a Professional Certificate in Hazardous Materials Management from the University of California, Santa Barbara in 1992. Mr. Klein is a Registered Environmental Property Assessor; a Certified Professional in Erosion and Sediment Control; and a State of California Qualified SWPPP Developer and Practitioner. Mr. Klein has over 25 years of professional experience performing Phase I environmental site assessments; soil and groundwater assessments; soil and groundwater remediation projects; preliminary endangerment assessments (PEAs); removal actions; risk assessments; preparation and implementation of Storm Water Pollution Prevention Plans (SWPPPs).

Alan Churchill, P.G., is a Senior Geologist with Padre Associates, Inc. He holds a Bachelor of Science degree in Geology and a Minor Degree in Hydrologic Science from the University of California, Davis, March 1996. Mr. Churchill has 20 years of professional experience performing soil, groundwater, and soil gas investigation/remediation projects, underground storage tanks (USTs) removal projects, well abandonments, and soil/ groundwater modeling (environmental fate transport). His responsibilities include specification of project scope, regulatory agency negotiation and compliance, proposal and workplan preparation, field investigation, documentation, risk assessments, and reporting.

DECLARATION

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. I have specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Additionally, the subject Phase I ESA has been performed in conformance with the scope and limitations of ASTM Practice E1527-21.

Appendix F Noise and Vibration Data

Appendix

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Fundamentals of Noise

NOISE

Noise is most often defined as unwanted sound; whether it is loud, unpleasant, unexpected, or otherwise undesirable. Although sound can be easily measured, the perception of noise and the physical response to sound complicate the analysis of its impact on people. People judge the relative magnitude of sound sensation in subjective terms such as "noisiness" or "loudness."

Noise Descriptors

The following are brief definitions of terminology used in this chapter:

- **Sound.** A disturbance created by a vibrating object, which, when transmitted by pressure waves through a medium such as air, is capable of being detected by a receiving mechanism, such as the human ear or a microphone.

- **Noise.** Sound that is loud, unpleasant, unexpected, or otherwise undesirable.

- **Decibel (dB).** A unitless measure of sound, expressed on a logarithmic scale and with respect to a defined reference sound pressure. The standard reference pressure is 20 micropascals (20 μPa).

- **Vibration Decibel (VdB).** A unitless measure of vibration, expressed on a logarithmic scale and with respect to a defined reference vibration velocity. In the U.S., the standard reference velocity is 1 micro-inch per second ($1x10^{-6}$ in/sec).

- **A-Weighted Decibel (dBA).** An overall frequency-weighted sound level in decibels that approximates the frequency response of the human ear.

- **Equivalent Continuous Noise Level (L_{eq}); also called the Energy-Equivalent Noise Level.** The value of an equivalent, steady sound level which, in a stated time period (often over an hour) and at a stated location, has the same A-weighted sound energy as the time-varying sound. Thus, the L_{eq} metric is a single numerical value that represents the equivalent amount of variable sound energy received by a receptor over the specified duration.

- **Statistical Sound Level (L_n).** The sound level that is exceeded "n" percent of time during a given sample period. For example, the L_{50} level is the statistical indicator of the time-varying noise signal that is exceeded 50 percent of the time (during each sampling period); that is, half of the sampling time, the changing noise levels are above this value and half of the time they are below it. This is called the "median sound level." The L_{10} level, likewise, is the value that is exceeded 10 percent of the time (i.e., near the maximum) and this is often known as the "intrusive sound level." The L_{90} is the sound level exceeded 90 percent of the time and is often considered the "effective background level" or "residual noise level."

- **Maximum Sound Level (L_{max})**. The highest RMS sound level measured during the measurement period.
- **Root Mean Square Sound Level (RMS).** The square root of the average of the square of the sound pressure over the measurement period.
- **Day-Night Sound Level (L_{dn} or DNL).** The energy-average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the sound levels occurring during the period from 10:00 PM to 7:00 AM.
- **Community Noise Equivalent Level (CNEL).** The energy average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added from 7:00 PM to 10:00 PM and 10 dB from 10:00 PM to 7:00 AM. NOTE: For general community/environmental noise, CNEL and L_{dn} values rarely differ by more than 1 dB (with the CNEL being only slightly more restrictive – that is, higher than the L_{dn} value). As a matter of practice, L_{dn} and CNEL values are interchangeable and are treated as equivalent in this assessment.
- **Peak Particle Velocity (PPV).** The peak rate of speed at which soil particles move (e.g., inches per second) due to ground vibration.
- **Sensitive Receptor.** Noise- and vibration-sensitive receptors include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, motels and hotels, libraries, religious institutions, hospitals, and nursing homes are examples.

Characteristics of Sound

When an object vibrates, it radiates part of its energy in the form of a pressure wave. Sound is that pressure wave transmitted through the air. Technically, airborne sound is a rapid fluctuation or oscillation of air pressure above and below atmospheric pressure that creates sound waves.

Sound can be described in terms of amplitude (loudness), frequency (pitch), or duration (time). Loudness or amplitude is measured in dB, frequency or pitch is measured in Hertz [Hz] or cycles per second, and duration or time variations is measured in seconds or minutes.

Amplitude

Unlike linear units such as inches or pounds, decibels are measured on a logarithmic scale. Because of the physical characteristics of noise transmission and perception, the relative loudness of sound does not closely match the actual amounts of sound energy. Table 1 presents the subjective effect of changes in sound pressure levels. Ambient sounds generally range from 30 dBA (very quiet) to 100 dBA (very loud). Changes of 1 to 3 dB are detectable under quiet, controlled conditions, and changes of less than 1 dB are usually not discernible (even under ideal conditions). A 3 dB change in noise levels is considered the minimum change that is detectable with human hearing in outside environments. A change of 5 dB is readily discernible to most people in an exterior environment, and a 10 dB change is perceived as a doubling (or halving) of the sound.

Table 1 Noise Perceptibility

Change in dB	Noise Level
± 3 dB	Barely perceptible increase
± 5 dB	Readily perceptible increase
± 10 dB	Twice or half as loud
± 20 dB	Four times or one-quarter as loud

Source: California Department of Transportation (Caltrans). 2013, September. Technical Noise Supplement ("TeNS").

Frequency

The human ear is not equally sensitive to all frequencies. Sound waves below 16 Hz are not heard at all, but are "felt" more as a vibration. Similarly, though people with extremely sensitive hearing can hear sounds as high as 20,000 Hz, most people cannot hear above 15,000 Hz. In all cases, hearing acuity falls off rapidly above about 10,000 Hz and below about 200 Hz.

When describing sound and its effect on a human population, A-weighted (dBA) sound levels are typically used to approximate the response of the human ear. The A-weighted noise level has been found to correlate well with people's judgments of the "noisiness" of different sounds and has been used for many years as a measure of community and industrial noise. Although the A-weighted scale and the energy-equivalent metric are commonly used to quantify the range of human response to individual events or general community sound levels, the degree of annoyance or other response also depends on several other perceptibility factors, including:

- Ambient (background) sound level
- General nature of the existing conditions (e.g., quiet rural or busy urban)
- Difference between the magnitude of the sound event level and the ambient condition
- Duration of the sound event
- Number of event occurrences and their repetitiveness
- Time of day that the event occurs

Duration

Time variation in noise exposure is typically expressed in terms of a steady-state energy level equal to the energy content of the time varying period (called L_{eq}), or alternately, as a statistical description of the sound level that is exceeded over some fraction of a given observation period. For example, the L_{50} noise level represents the noise level that is exceeded 50 percent of the time; half the time the noise level exceeds this level and half the time the noise level is less than this level. This level is also representative of the level that is exceeded 30 minutes in an hour. Similarly, the L_2, L_8 and L_{25} values represent the noise levels that are exceeded 2, 8, and 25 percent of the time or 1, 5, and 15 minutes per hour, respectively. These "n" values are typically used to demonstrate compliance for stationary noise sources with many cities' noise ordinances. Other values typically noted during a noise survey are the L_{min} and L_{max}. These values represent the minimum and maximum root-mean-square noise levels obtained over the measurement period, respectively.

Because community receptors are more sensitive to unwanted noise intrusion during the evening and at night, state law and many local jurisdictions use an adjusted 24-hour noise descriptor called the Community Noise Equivalent Level (CNEL) or Day-Night Noise Level (L_{dn}). The CNEL descriptor requires that an artificial increment (or "penalty") of 5 dBA be added to the actual noise level for the hours from 7:00 PM to 10:00

PM and 10 dBA for the hours from 10:00 PM to 7:00 AM. The L_{dn} descriptor uses the same methodology except that there is no artificial increment added to the hours between 7:00 PM and 10:00 PM. Both descriptors give roughly the same 24-hour level, with the CNEL being only slightly more restrictive (i.e., higher). The CNEL or L_{dn} metrics are commonly applied to the assessment of roadway and airport-related noise sources.

Sound Propagation

Sound dissipates exponentially with distance from the noise source. This phenomenon is known as "spreading loss." For a single-point source, sound levels decrease by approximately 6 dB for each doubling of distance from the source (conservatively neglecting ground attenuation effects, air absorption factors, and barrier shielding). For example, if a backhoe at 50 feet generates 84 dBA, at 100 feet the noise level would be 79 dBA, and at 200 feet it would be 73 dBA. This drop-off rate is appropriate for noise generated by on-site operations from stationary equipment or activity at a project site. If noise is produced by a line source, such as highway traffic, the sound decreases by 3 dB for each doubling of distance over a reflective ("hard site") surface such as concrete or asphalt. Line source noise in a relatively flat environment with ground-level absorptive vegetation decreases by an additional 1.5 dB for each doubling of distance.

Psychological and Physiological Effects of Noise

Physical damage to human hearing begins at prolonged exposure to noise levels higher than 85 dBA. Exposure to high noise levels affects the entire system, with prolonged noise exposure in excess of 75 dBA increasing body tensions, thereby affecting blood pressure and functions of the heart and the nervous system. Extended periods of noise exposure above 90 dBA results in permanent cell damage, which is the main driver for employee hearing protection regulations in the workplace. For community environments, the ambient or background noise problem is widespread, through generally worse in urban areas than in outlying, less-developed areas. Elevated ambient noise levels can result in noise interference (e.g., speech interruption/masking, sleep disturbance, disturbance of concentration) and cause annoyance. Since most people do not routinely work with decibels or A-weighted sound levels, it is often difficult to appreciate what a given sound pressure level number means. To help relate noise level values to common experience, Table 2 shows typical noise levels from familiar sources.

Table 2 Typical Noise Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
Onset of physical discomfort	120+	
	110	Rock Band (near amplification system)
Jet Flyover at 1,000 feet		
	100	
Gas Lawn Mower at three feet		
	90	
Diesel Truck at 50 feet, at 50 mph		Food Blender at 3 feet
	80	Garbage Disposal at 3 feet
Noisy Urban Area, Daytime		
	70	Vacuum Cleaner at 10 feet
Commercial Area		Normal speech at 3 feet
Heavy Traffic at 300 feet	60	
		Large Business Office
Quiet Urban Daytime	50	Dishwasher Next Room
Quiet Urban Nighttime	40	Theater, Large Conference Room (background)
Quiet Suburban Nighttime		
	30	Library
Quiet Rural Nighttime		Bedroom at Night, Concert Hall (background)
	20	
		Broadcast/Recording Studio
	10	
Lowest Threshold of Human Hearing	0	Lowest Threshold of Human Hearing

Source: California Department of Transportation (Caltrans). 2013, September. Technical Noise Supplement ("TeNS").

Vibration Fundamentals

Vibration is an oscillatory motion through a solid medium in which the motion's amplitude can be described in terms of displacement, velocity, or acceleration. Vibration is normally associated with activities stemming from operations of railroads or vibration-intensive stationary sources, but can also be associated with construction equipment such as jackhammers, pile drivers, and hydraulic hammers. As with noise, vibration can be described by both its amplitude and frequency. Vibration displacement is the distance that a point on a surface moves away from its original static position; velocity is the instantaneous speed that a point on a surface moves; and acceleration is the rate of change of the speed. Each of these descriptors can be used to correlate vibration to human response, building damage, and acceptable equipment vibration levels. During construction, the operation of construction equipment can cause groundborne vibration. During the operational phase of a project, receptors may be subject to levels of vibration that can cause annoyance due to noise generated from vibration of a structure or items within a structure.

Vibration amplitudes are usually described in terms of either the peak particle velocity (PPV) or the root mean square (RMS) velocity. PPV is the maximum instantaneous peak of the vibration signal and RMS is the

square root of the average of the squared amplitude of the signal. PPV is more appropriate for evaluating potential building damage and RMS is typically more suitable for evaluating human response.

As with airborne sound, annoyance with vibrational energy is a subjective measure, depending on the level of activity and the sensitivity of the individual. To sensitive individuals, vibrations approaching the threshold of perception can be annoying. Persons accustomed to elevated ambient vibration levels, such as in an urban environment, may tolerate higher vibration levels. Table 3 displays the human response and the effects on buildings resulting from continuous vibration (in terms of various levels of PPV).

Table 3 Human Reaction to Typical Vibration Levels

Vibration Level, PPV (in/sec)	Human Reaction	Effect on Buildings
0.006–0.019	Threshold of perception, possibility of intrusion	Vibrations unlikely to cause damage of any type
0.08	Vibrations readily perceptible	Recommended upper level of vibration to which ruins and ancient monuments should be subjected
0.10	Level at which continuous vibration begins to annoy people	Virtually no risk of "architectural" (i.e. not structural) damage to normal buildings
0.20	Vibrations annoying to people in buildings	Threshold at which there is a risk to "architectural" damage to normal dwelling – houses with plastered walls and ceilings
0.4–0.6	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic, but would cause "architectural" damage and possibly minor structural damage

Source: California Department of Transportation (Caltrans). 2020, April. *Transportation and Construction Vibration Guidance Manual.* Prepared by ICF International.

LOCAL REGULATIONS AND STANDARDS

Chapter 9.18 NOISE CONTROL

Sections:

Article I GENERAL PROVISIONS

9.18.010 Purpose.

In order to control unnecessary, excessive and annoying noise in the town, it is the public policy of the town to regulate such noise generated from or by all sources as specified in this chapter. The town council finds and determines that certain types of noises are detrimental to the public health, welfare and safety, and are contrary to public interest. Therefore, the town council ordains that creating, maintaining, causing or allowing to be created, caused or maintained, any noise in a manner prohibited by or not in conformity with the provisions of this chapter, is unlawful and a public nuisance. (Ord. 316 §2(part), 1999)

9.18.020 Regulations.

Notwithstanding any other provision of this chapter, and in addition thereto, it is unlawful for any person to wilfully or negligently make or continue, or cause to be made or continued, any loud, unnecessary or unusual noise which disturbs the peace and quiet of any neighborhood or which causes any discomfort or annoyance to any reasonable person of normal sensitiveness residing in the area. (Ord. 316 §2(part), 1999)

Article II DEFINITIONS

9.18.030 Generally.

For purposes of the terminology used in this chapter certain words and phrases set out in this section shall be defined as follows:

"Agricultural zoned property" is as defined in the town zoning ordinance regulations in Paradise Municipal Code Title 17.

"Commercial zoned area" is as defined in the town zoning ordinance regulations in Paradise Municipal Code Title 17.

"Construction" means any site preparation, assembly, erection, substantial repair, alteration or similar action, for or of public or private rights-of-way, structure, utilities or similar property.

"Demolition" means any dismantling, intentional destruction or removal of structures, utilities, public or private right-of-way surfaces, or similar property.

"Emergency work" means any work performed for the purpose of preventing or alleviating the physical trauma or property damage threatened or caused by an emergency.

"Gross vehicle weight rating" means the value specified by the manufacture as the recommended maximum loaded weight of a single motor vehicle. In cases where trailers and tractors are separable, the gross combining weight rating, which is the value specified by the manufacture as the recommended maximum loaded weight of the combination vehicle, shall be used.

"Industrial zoned area" is as defined in the town zoning ordinance regulations in Paradise Municipal Code Title 17.

"Licensed" means the possession of a formal license or permit issued by the appropriate jurisdictional authority; or, where no permits or licenses are issued, the sanctioning of the activity by the jurisdiction as noted in public record.

"Mobile noise source" means any noise source other than a fixed noise source.

"Motorboat" means any vessel propelled by machinery, whether or not such machinery is the principal source of propulsion, but does not include a vessel which has a valid marine documents issued by the Bureau of Customs of the United States government or any federal agency successor thereto (Section 651(d), Harbors and navigation Code).

"Motor vehicle" includes any and all self-propelled vehicles as defined in the California Motor Vehicle Code, including all on-highway type motor vehicles subject to registration under the code, and all off-highway type motor vehicles subject to identification under the code.

"Muffler or sound dissipative device" means a device consisting of a series of chambers or baffles plates, or other mechanical design, for the purpose of receiving exhaust as from an internal combustion engine, and effective in reducing noise.

"Noise control office (NCO)" means the municipal agency or department having lead responsibility for administration of this chapter.

"Noise clearly audible" is any sound which, as judged by the noise control office:

1. Can be heard by reasonable persons of normal sensitivities; or

2. Endangers or injures personal or real property.

"Person" means any individual, association, partnership, corporation, club or entity.

"Powered model vehicle" means any self-propelled, airborne, waterborne or landborne plane, vessel or vehicle, which is not designed to carry persons, including but not limited to, any model airplane, boat, car or rocket.

"Public right-of-way" means any street, avenue, boulevard, highway, sidewalk or alley or similar place which is owned or controlled by a governmental entity.

"Public space" means any real property or structures thereon which are owned or controlled by a governmental entity.

"Real property boundary" means an imaginary line along the ground surface, and its vertical extension, which separates the real property owned by one person from that owned by another person.

"Residential zoned area" is as defined in the town zoning ordinance regulations in Paradise Municipal Code Title 17.

"Sound amplifying equipment" means any device for the amplification of the human voice, music or any other sound, excluding standard automobile radios when used and heard only by the occupants of the vehicle in which the radio is installed and, as used in the chapter, warning devices on authorized emergency vehicles or horns or other warning devices on any vehicle used only for traffic safety purposes.

"Sound truck" means any motor vehicle, or any other vehicle, regardless of motive power, whether in motion or stationary, having mounted thereon, or attached thereto, any sound amplifying equipment.

"Weekday" means any day, Monday through Saturday, which is not a legal holiday. (Ord. 316 §2(part), 1999)

Article III ADMINISTRATION OF NOISE CONTROL OFFICE

9.18.040 Police department and the community development department.

The town police department and the community development department are established as the "noise control office" and shall administer the provisions of this chapter. (Ord. 316 §2(part), 1999)

9.18.050 Powers.

In order to implement and enforce this chapter, and for the general purpose of noise abatement and control, the community development department shall have the additional authority to:

A. Prepare recommendations to be approved by the town council, for designation of noise sensitive zones which contain noise sensitive activities;

B. Zoning Changes. Prior to town approval of any zoning change the community development department may:

1. Review the noise impact of the zoning change by identifying existing and projected noise sources and the associated sound levels and/or

2. Require usage of adequate control measures on noise sources identified in subsection (B)(1) of this section which will be in violation of any provision of this chapter. (Ord. 316 §2(part), 1999)

9.18.060 Procedure.

A. Upon receiving a complaint from a citizen, either the code enforcement officer assigned to the community development department or a member of the police department will respond to the complaint and conduct an investigation to determine if a violation of this chapter has occurred.

B. If a violation has occurred the investigating officer may take any of the following action:

1. Contact the person responsible and request the noise causing activity to stop;

2. Issue a citation to the person responsible for the noise causing activity;

3. File a complaint with the town attorney. (Ord. 316 §2(part), 1999)

Article IV NOISE LIMITS

9.18.070 Motor vehicle—On right-of-way.

Motor vehicles noise limits on a public right-of-way are regulated as set forth in the California Vehicle Code, Sections 23130 and 23130.5. Equipment violations which create noise problems are covered under Sections 27150 and 271151. Any peace officer of any jurisdiction in California may enforce these provisions. Therefore, it is the policy of the town to enforce these sections of the California Motor Vehicle Code. (Ord. 316 §2(part), 1999)

Article V PROHIBITED ACTS

9.18.100 Generally.

No person shall make, continue or cause to be made or continued, any noise described in Sections 9.18.110 through 9.18.190, and the causing and permitting thereof, are unlawful and in violation of this chapter. (Ord. 316 §2(part), 1999)

9.18.110 Radios, television sets, musical instruments and similar devices.

It is unlawful and in violation of this chapter for any person to operate, play or permit to operate or playing of any radio, television, computer, compact disc player, musical instrument or a device that produces or reproduces sound:

A. Between the hours of ten p.m. and seven a.m. in such a manner that creates noise clearly audible across a residential or commercial zoned real property boundary. (Ord. 316 §2(part), 1999)

9.18.120 Loudspeakers.

It is unlawful and in violation of this chapter for any person to use or operate for any purpose any loudspeaker, loudspeaker system or similar device between the hours of ten p.m. and seven a.m., such that the sound therefrom creates noise clearly audible across a residential zoned or a commercial zoned real property boundary. (Ord. 316 §2(part), 1999)

9.18.130 Street sales.

It is unlawful and in violation of this chapter for any person to offer for sale, sell anything or advertise by shouting or outcry within any residential zoned or commercial zoned area or noise sensitive zone of the town. The provisions of this section shall not prohibit the selling by outcry of merchandise, food and beverages at sporting events, parades, fairs, circuses or other similar public entertainment events. (Ord. 316 §2(part), 1999)

9.18.140 Loading and unloading.

It is unlawful and in violation of this chapter for any person to load, unload, open, close or otherwise handle boxes, crates, containers, building materials, garbage cans or similar objects between the hours of ten p.m. and six a.m. in such a manner that creates noise clearly audible across a residential zoned or a commercial zoned real property boundary. (Ord. 316 §2(part), 1999)

9.18.150 Parking lot sweeping units.

It is unlawful and in violation of this chapter for any person to operate an air system sweeping device, a truck-mounted parking lot sweeping unit or similar device between the hours of ten p.m. and five a.m. in such a manner that creates noise clearly audible across a residential zoned or a commercial zoned real property boundary. (Ord. 316 §2(part), 1999)

9.18.160 Construction or demolition—Generally.

It is unlawful and in violation of this chapter for any person to operate or cause the operation of any tools equipment used in construction, drilling, repair, alteration, or demolition work between the hours seven p.m. and six a.m. on weekdays or at any time on Sundays or holidays, in such a manner that creates noise clearly audible across a residential zoned or a commercial zoned real property boundary, except for emergency work being

performed by a public agency or a public utility. (This section does not apply to domestic power tools as specified in Section 9.18.185.) (Ord. 316 §2(part), 1999)

9.18.165 Manufacturing and cement mixing.

It is unlawful and in violation of this chapter for any person to operate or cause the operation of any tools or equipment used in the mixing of cement or concrete or manufacturing between the hours of seven p.m. and seven a.m. on weekdays, or at any time on Sundays or holidays, in such a manner that creates noise clearly audible across a residential zoned or a commercial zoned real property boundary. (Ord. 316 §2(part), 1999)

9.18.170 Powered model vehicles.

It is unlawful and in violation of this chapter for any person to operate or permit to operate a powered model vehicle between the hours of ten p.m. and seven a.m. in such a manner that creates noise clearly audible across a residential zoned or commercial zoned real property boundary. (Ord. 316 §2(part), 1999)

9.18.175 Stationary nonemergency signaling devices.

It is unlawful and in violation of this chapter for any person to sound or permit the sounding of any electronically amplified signal from any stationary bell, chime, siren, whistle or similar device, intended primarily for nonemergency purposes, from any place, for more than ten seconds in any hourly period. Houses of religious worship are exempt from this section. (Ord. 316 §2(part), 1999)

9.18.180 Emergency signaling devices.

The following are unlawful and in violation of this chapter.

A. The intentional sounding or permitting the sounding of any fire, burglar or civil defense alarm, siren, whistle or similar stationary emergency signaling devices, except for emergency purposes or for testing, as provided in subsection B of this section.

B. 1. Testing of a stationary emergency signaling device shall not occur before seven a.m. or after seven p.m. Any such testing shall use only a minimum cycle test time.

2. Testing of a complete emergency signaling system, including the functioning of the signaling device, and the personnel response to the signaling device, shall not occur more than once in each calendar month. Such testing shall not occur before seven a.m. or after ten p.m.

C. Sounding or permitting the sounding of any exterior burglar or fire alarm or any motor vehicle burglar alarm unless the alarm is terminated within fifteen minutes after activation. (Ord. 316 §2(part), 1999)

9.18.185 Domestic power tools and machinery.

It is unlawful and in violation of this chapter for any person to:

A. Operate or permit the operation of any mechanically powered hammer, fastening tool, saw, sander, drill, grinder, lawn or garden tool, or similar tool, between ten p.m. and seven a.m., in such a manner that creates noise clearly audible across a residential zoned or commercial zoned real property boundary;

B. Any motor, machinery, pump, such as a swimming pool equipment, etc., shall be sufficiently enclosed or muffled and maintained so as not to create a noise clearly audible across a residential zoned or a commercial zoned real property boundary. (Ord. 361 §1, 2001: Ord. 316 §2(part), 1999)

9.18.190 Off-road unregistered motor vehicles.

It is unlawful and in violation of this chapter for any person to operate any off-road or unregistered motor vehicle between the hours of ten p.m. and seven a.m. in such a manner that creates noise clearly audible across a residential zoned or a commercial zoned real property boundary. (Ord. 316 §2(part), 1999)

Article VI EXEMPTIONS

9.18.200 Emergencies.

The provisions of this chapter shall not apply to the following emergencies:

A. The emission of sound for the purpose of alerting person to the existence of an emergency; or

B. The emission of sound in the performance of emergency work. (Ord. 316 §2(part), 1999)

9.18.210 Warning devices.

The provisions of this chapter do not apply to warning devices necessary for the protection of public safety. (Ord. 316 §2(part), 1999)

9.18.230 Agricultural operations.

All mechanical devices, apparatus or equipment associated with agricultural operations conducted on agricultural zoned property are exempt from the provisions of this chapter, except in the vicinity of residential land uses, in which case a variance permit shall be required in accordance with this chapter to operate noise producing devices, with the following stipulations:

A. Operations do not take place between eight p.m. and six a.m.; or

B. Such operations and equipment are associated with protection or salvage of agricultural crops during periods of potential or actual frost damage or other adverse weather conditions; or

C. Such operations and equipment are associated with agricultural pest control through pesticide application, provided the application is made in accordance with permits issued by or regulations enforced by the county office of agriculture; or

D. Such devices utilized for pest control which incorporate stationary or mobile noise sources (electromechanical bird scare devices, etc.) are operated only by permit issued by the noise control office. The allowable hours and days of operations of these devices will be specified in the permit;

E. All equipment and machinery powered by internal combustion engines shall be equipped with a proper muffler and air intake silencer in good working order. (Ord. 316 §2(part), 1999)

9.18.240 Federal or state preempted activities.

Any other activity is exempt from this chapter to the extent regulations thereof has been preempted by state or federal law. (Ord. 316 §2(part), 1999)

9.18.250 Franchisee solid waste collection.

Section 9.18.140 shall not apply to the solid waste and recycled materials collection services performed by the town franchisee under Chapter 8.08 of this Code at the following locations except between the hours of 7:00 p.m. and 5:00 a.m.:

- Skyway;
- Clark Road;
- Pearson Road between the intersections of Clark Road and Skyway;
- Schools and any other locations so designated by a town council adopted resolution.

(Ord. No. 488, § 1, 10-14-2008)

Article VII VARIANCES

9.18.300 Authority of NCO.

The NCO is authorized to grant or deny variance applications for exception from any provision of this chapter, subject to limitations as to area, noise levels, time limits and other terms and conditions as the NCO determines are appropriate to protect the public health, safety and welfare from the noise emanating therefrom. This section shall in no way affect the duty to obtain any permit of license required by law for such activities. (Ord. 316 §2(part), 1999)

9.18.310 Application.

A. Any person seeking a variance pursuant to this chapter shall file an application with the NCO. The application shall contain information which demonstrates that bringing the noise source into compliance with this chapter would constitute an unreasonable hardship on the applicant, on the community, or on other persons.

B. The application shall be accompanied by a fee set by resolution of the town council.

C. A separate application shall be filed for each noise source; provided, however, that several mobile sources under common ownership, or several fixed sources on a single property, may be combined in one application. (Ord. 316 §2(part), 1999)

9.18.320 Granting or denial.

A. The NCO is empowered to administratively grant or deny any application for a variance not exceeding a forty-eight-hour period due to an emergency or extenuating circumstances.

B. In determining whether to grant or deny any application for a variance exceeding forty-eight (48) hours, the NCO shall hold a public hearing after giving a ten-day written notice to all property owners within three hundred (300) feet of the proposed variance site.

C. When acting on the application(s) for a variance exceeding forty-eight (48) hours, the NCO shall balance the hardship on the applicant, community and other persons of granting or denying the variance against the adverse impact on the health, safety and welfare of persons affected, the adverse impact on property affected, and any other adverse impacts of granting or denying the variance.

(Ord. No. 488, § 2, 10-14-2008; Ord. 316 §2(part), 1999)

9.18.330 Notice.

A. Variances shall be granted by notice to the applicant containing all necessary conditions, including a time limit of the permitted activity.

B. The variance shall not become effective until the applicant agrees to all conditions.

C. Noncompliance with any conditions of the variance shall terminate the variance and require the person to comply with all provisions of this chapter. (Ord. 316 §2(part), 1999)

9.18.340 Time limit.

A variance shall not exceed one hundred twenty days from the date on which it is granted. Application for extension of time limits specified in a variance or for modifications or other substantial conditions shall be treated like applications for initial variances under Section 9.18.300. (Ord. 316 §2(part), 1999)

Article VIII ENFORCEMENT

9.18.400 Enforcement.

The police department and the code enforcement officer assigned to the community development department are authorized to issue citations and to request complaints for violations of this chapter. (Ord. 316 §2(part), 1999)

9.18.410 Additional remedies.

As an additional remedy, any violation of the provisions of this chapter is declared to be a public nuisance and the town attorney is authorized to file an action to abate such nuisance in a court of appropriate jurisdiction in the manner provided by law. (Ord. 316 §2(part), 1999)

9.18.415 Administrative fee.

There shall be an administrative fee charged for the cost to the police department to respond to violations of this chapter in accordance with the master fee schedule resolution adopted by the town council.

(Ord. No. 529, § 1, 6-11-2013)

9.18.420 Violation—Penalty.

A. Any person violating any of the provisions of this chapter shall be deemed guilty of an infraction with fines pursuant to Government Code Section 36900. A second violation of this chapter within one year shall be deemed guilty of a misdemeanor with a fine not to exceed one thousand dollars and/or six months in the county jail. Each day such violation is committed or permitted to continue constitutes a separate offense and is punishable as such.

B. Each day a violation continues shall be a separate offense. (Ord. 316 §2(part), 1999)

9.18.430 Appeal.

Any person aggrieved by the decision of any administrative officer empowered to administer the provisions of this chapter shall have the right to appeal the decision of any such officer to the town council within ten days after the decision. The decision of the town council shall be final. (Ord. 316 §2(part), 1999)

CONSTRUCTION NOISE MODELING

PRSD-07.0 - Construction Noise Modeling Attenuation Calculations

Levels in dBA Leq

Phase	RCNM Reference Noise Level	Receptor to North	Receptor to East	Receptor to South	Receptor to West
Distance in feet	*50*	*280*	*145*	*295*	*185*
Site Prep	83.0	68.0	73.8	67.6	71.6
Distance in feet	*50*	*250*	*120*	*260*	*165*
Building Construction	79.0	65.0	71.4	64.7	68.6
Architectural Coating	79.0	65.0	71.4	64.7	68.6
Distance in feet	*50*	*250*	*145*	*240*	*145*
Concrete Flatwork	80.0	66.0	70.8	66.4	70.8
Distance in feet	*50*	*225*	*120*	*260*	*145*
Finish/Landscaping	77.0	63.9	69.4	62.7	67.8
Other					

Attenuation calculated through Inverse Square Law: Lp(R2) = Lp(R1) - 20Log(R2/R1)

PRSD-07.0 - Vibration Damage Attenuation Calculations

	Levels, PPV (in/sec)	
Distance in feet	**Vibration Reference Level at *25 feet***	**Nearest Building Façade** *70*
Vibratory Roller	0.21	0.045
Clam shovel	0.202	0.043
Large Bulldozer	0.089	0.019
Caisson Drilling	0.089	0.019
Loaded Trucks	0.076	0.016
Jackhammer	0.035	0.007
Small Bulldozer	0.003	0.001

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/04/2025
Case Description: PRSD-07.0 - Site Preparation

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 ft	Residential	65.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85.0		50.0	0.0
Backhoe	No	40		77.6	50.0	0.0
Dozer	No	40		81.7	50.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	85.0	81.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85.0	83.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/04/2025
Case Description: PRSD-07.0 - Concrete Flatwork

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 ft	Residential	65.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Pump Truck	No	20		81.4	50.0	0.0
Backhoe	No	40		77.6	50.0	0.0
Dozer	No	40		81.7	50.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Pump Truck	81.4	74.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	81.7	80.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/04/2025
Case Description: PRSD-07.0 - Building Construction

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 ft	Residential	65.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	50.0	0.0
Generator	No	50		80.6	50.0	0.0
Welder / Torch	No	40		74.0	50.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Crane	80.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74.0	70.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80.6	79.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/04/2025
Case Description: PRSD-07.0 - Architectural Coating

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 ft	Residential	65.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	50.0	0.0
Generator	No	50		80.6	50.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Compressor (air)	77.7	73.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80.6	79.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/04/2025
Case Description: PRSD-07.0 - FInish/Landscaping

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 ft	Residential	65.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	50.0	0.0
Pickup Truck	No	40		75.0	50.0	0.0
Dump Truck	No	40		76.5	50.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pickup Truck	75.0	71.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	77.6	77.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A