APPENDIX A
NOTICE OF PREPARATION AND SCOPING COMMENTS

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Paradise Unified School District
6696 Clark Road
Paradise, California
Telephone: (530) 872-6400
Fax: (530) 872-6409
Website: www.pusdk12.org

Betsy Amis
Superintendent

David McCready
Assistant Superintendent
Business Services

NOTICE OF PREPARATION
OF A DRAFT ENVIRONMENTAL IMPACT REPORT

FILED
MAR 13 2026
KEATON DENLAY, BUTTE CO. CLERK
DEPUTY

Lead Agency: Paradise Unified School District (PUSD)

Project Title: Paradise High School Expansion Project

Notice of Preparation Review Period: March 13, 2026 to April 13, 2026 (30 days)

NOTICE IS HEREBY GIVEN that the Paradise Unified School District (PUSD or District), as Lead Agency under the California Environmental Quality Act (CEQA), will prepare a Draft Environmental Impact Report (Draft EIR) for the Paradise High School Expansion Project pursuant to the California Public Resources Code (PRC), Division 13, Section 21000 et seq. (CEQA Statute) and the California Code of Regulations (CCR), Title 14, Division 6, Chapter 3, Section 15000 et seq. (CEQA Guidelines).

The purpose of the Notice of Preparation is to (1) serve as a public notice of an EIR pursuant to the CEQA Guidelines Section 15082 that a Draft Environmental Impact Report (DEIR) will be prepared; and (2) advise and solicit comments and suggestions regarding the scope and content of the DEIR to be prepared. The District, as Lead Agency, respectfully requests that any responsible and trustee agencies responding to this notice respond in a manner consistent with CEQA Guidelines Section 15082(b). Comments and suggestions should, at a minimum, identify the significant environmental issues, reasonable alternatives, and mitigation measures that should be explored in the EIR, in addition to whether the responding agency will be a responsible or trustee agency for the proposed project, and any related issues raised by interested parties.

In compliance with CEQA Guidelines Section 15060(d) and 15082, the District will not be preparing an initial study and will begin work directly on the Draft EIR.

PROJECT LOCATION: The Paradise HS campus is located at 5911 Maxwell Drive, in the Town of Paradise, Butte County. The project site is located near the southern boundary of the Paradise HS campus, and includes five Assessor Parcel Numbers (APN) 053-111-015, 053-111-014, 053-111-028, 053-111-030, and 053-111-034. The project site is approximately 6 miles west of State Route (SR) 70, approximately 6.6-mile east of SR-32, and approximately 9.5 miles north of SR-99. The project site is

bound by Maxwell Drive to the east; Elliot Road to the south, the Paradise HS campus to the north, and a residential property to the west. See Figure 1, *Regional Location* and Figure 2, *Aerial Photograph*.

PROJECT DESCRIPTION: The proposed project would occur on a 7.31-acre project site, and would consist of three components, including the construction of one new parking lot, one new agricultural building, and a new football stadium and practice sports field. See Figure 3, *Project Site Plan*.

The new parking lot would make up approximately 1.97 acres (approximately 85,870 sq. ft.) of the project site and will be located immediately west of the new stadium and practice fields. The proposed parking lot would provide approximately 121 parking spaces, including 114 standards parking spaces and seven Americans with Disabilities Act (ADA) parking spaces. The parking lot would operate between the hours of 3:00 p.m. to 10:00 p.m. and would include a fence along the perimeter. Vehicular access to the parking lot would be provided via one access point on Elliot Road and two access points on an internal campus roadway that crosses the campus east-west, located north of the parking lot.

The agricultural building would be located directly west of the proposed parking lot. The agricultural building would include a 1,728-square-foot (sf) barn for the agricultural education program for Paradise HS students and 7,728 sf would of landscaping and concrete hardscape. The proposed 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 building would not require natural gas. The agricultural building would be exclusively used by the Paradise HS agricultural program and would serve the existing students of the high school. Operation of the proposed project would occur during school hours, which begins at 8:30 a.m. and concludes at 3:25 p.m.

The proposed project would include the installation a new athletic stadium and practice field located on the eastern portion of the project site, near the intersection of Maxwell Drive and Elliott Road. The new sports field would make up approximately 4 acres of the project site, and would include a new public address (PA) system, bleachers, concession stand, and restrooms. The new stadium would be used for sporting events and practices, community events and physical education for students at Paradise HS. Sporting events and practices are anticipated to consist of tackle football, girls and boys soccer, and track and field. The field may also be used for other school events, such as band practices. Additionally, the new athletic stadium would include a similar athletics schedule and number of attendees as the current football stadium.

The proposed project would not include the demolition of any structures or buildings. However, the proposed project would include the removal of approximately 69,496 sq. ft. of pavement from the project site. Construction of the agricultural building is anticipated to be completed in approximately 9 months beginning in Winter 2026 and ending in Summer 2027. Construction of the new stadium and parking lot is anticipated to begin in 2030 with an opening date in 2031. Construction would include grading and excavation, trenching for site utilities, building construction, architectural coatings, and driveway and walkway construction.

POTENTIAL ENVIRONMENTAL EFFECTS: In accordance with Section 15082 of the CEQA Guidelines, the District has prepared this NOP to provide agencies, organizations, and interested parties with information describing the proposed project and its potential environmental effects. Consistent with Appendix G of the CEQA Guidelines, the following environmental topics may be analyzed in an EIR:

- Aesthetics
- Cultural Resources
- Greenhouse Gas Emissions
- Noise
- Tribal Cultural Resources
- Air Quality
- Energy
- Hazards and Hazardous Materials
- Public Services
- Utilities and Service Systems
- Biological Resources
- Geology and Soils
- Hydrology and Water Quality
- Transportation
- Wildfire

The District has determined that the proposed project could potentially affect 15 of the 20 environmental topic areas identified in Appendix G. These 15 topical areas are aesthetics, air quality, biological resources, cultural resources, energy, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, noise, public services, transportation, tribal cultural resources, utilities and service systems, and wildfire. These impacts will be analyzed in detail in the EIR. Feasible mitigation measures will be proposed for impacts that are determined to be potentially significant and reasonable alternatives will be considered. The proposed project is expected to have no impact on agricultural and forestry resources, land use and planning, mineral resources, population and housing, and recreation; therefore, the EIR will not present a detailed analysis of the project's impact on these topics.

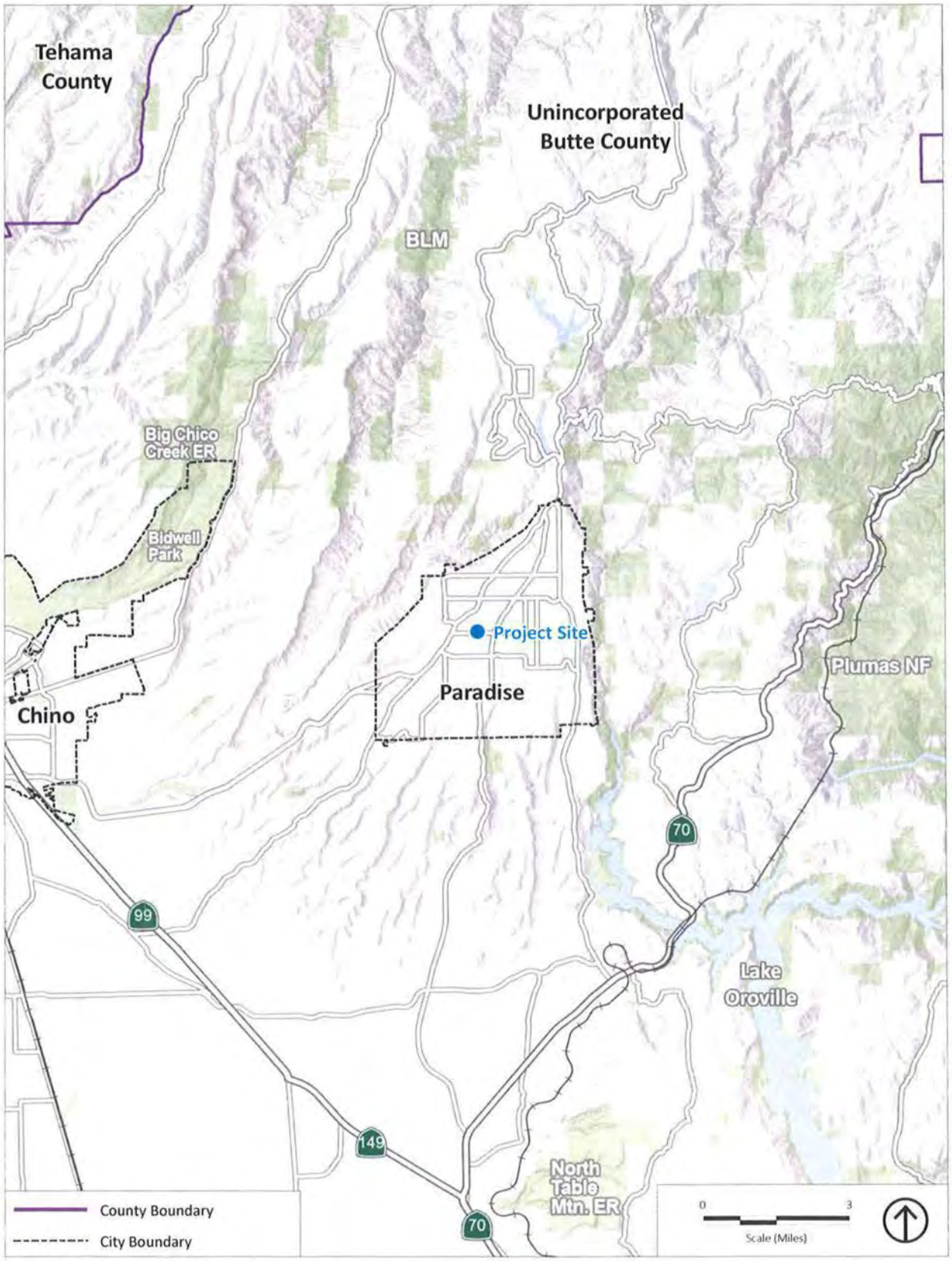
PUBLIC REVIEW PERIOD: The 30-day public review period for the NOP is from **March 13, 2026** to **April 13, 2026**. In accordance with the time limits mandated by State law, if there are any concerns about the scope and content of the information to be addressed in EIR, please send written comments to the District, at the address below, at the earliest possible date but not later than 5:00 p.m. on **April 13, 2026**. This NOP is also available at:

- Paradise Unified School District (address below)
- Paradise Unified School District website: https://www.pusdk12.org/Departments/District-Services/Maintenance-Operations/index.html

- **PUBLIC COMMENTS:** Please send your comments to:

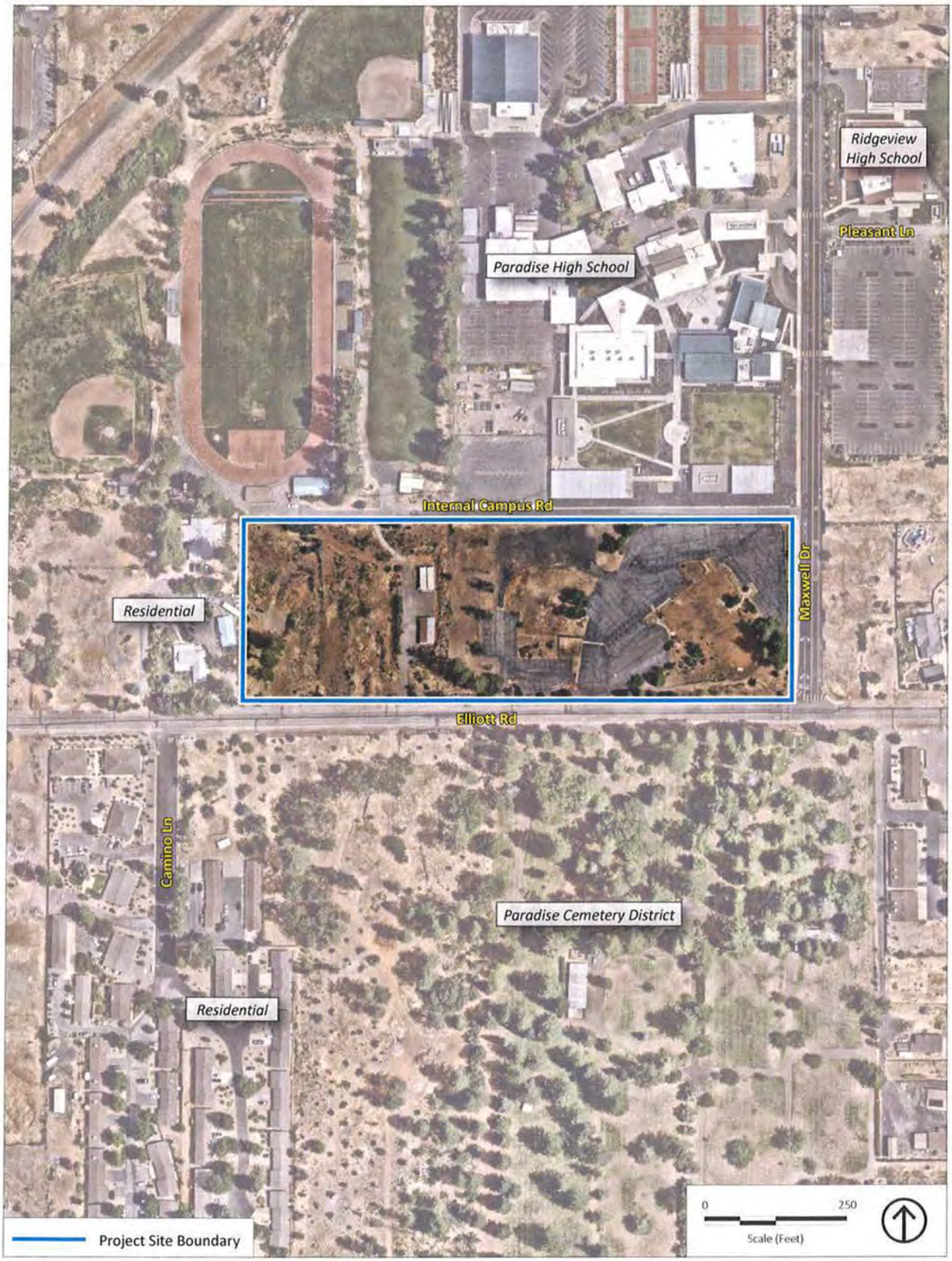
  ATTN: David E. McCready, Assistant Superintendent, Business Services
  Mailing Address: Paradise Unified School District
  6696 Clark Road, Paradise, CA 95969

Comments can also be sent via e-mail to dmccready@pusdk12.org. Please include **"Paradise High School Expansion Project"** in the subject line. If you require additional information, please contact David McCready at (530) 872-6400.



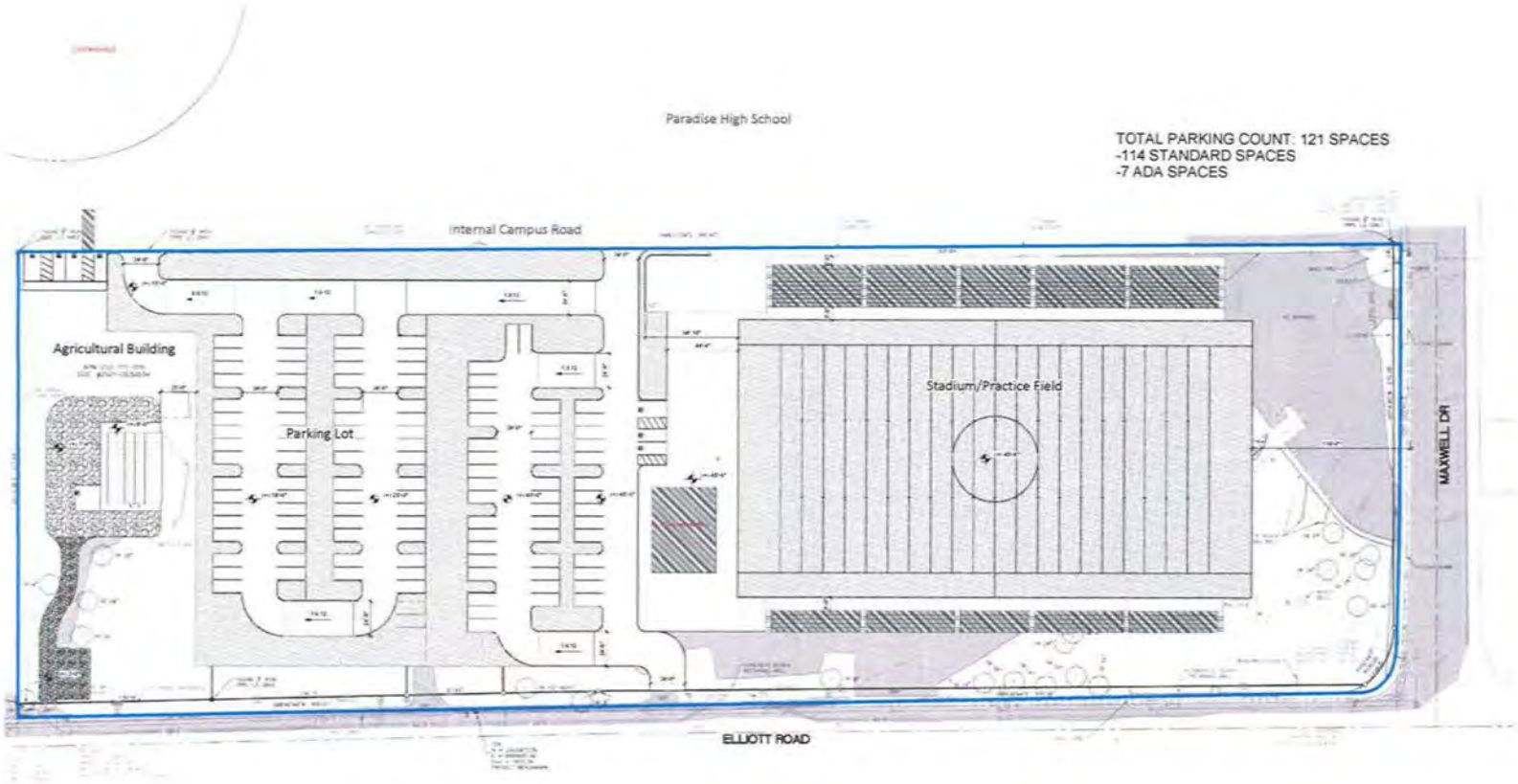
Source: Generated using GIS Pro 2025.

Figure 1
Regional Location



Source: Nearmap 2025.

Figure 2
Aerial Photograph



Project Site Boundary

Source: Studio W Architects 2026.

Figure 3
Project Site Plan

DEPARTMENT OF FORESTRY AND FIRE PROTECTION
Butte Unit
176 Nelson Ave
Oroville, CA. 95965
(530) 538-7111
Website: www.fire.ca.gov

March 17, 2026

David E. McCready
Assistant Superintendent, Business Services
Paradise Unified School District
6696 Clark Road
Paradise, CA 95969
Via email

Re: Notice of Preparation of a Draft Environmental Impact Report for the Paradise High School Expansion Project

Assistant Superintendent McCready,

Thank you for the opportunity to comment on the proposed Paradise High School Expansion Project. I am the Unit Forester for the Butte Unit of the California Department of Forestry and Fire Protection (CAL FIRE) and one of my responsibilities is the enforcement of the Z'berg-Nejedly Forest Practice Act and the California Forest Practice Rules. Based on the information provided in the Notice of Preparation, it appears that timberland will need to be converted to another use to make room for the new facilities. I realize that many of the trees located in the project area were removed following the Camp Fire, but this area outside the previously developed building sites may still support a crop of merchantable tree species. The California Forest Practice Rules have two methods for permitting timberland conversion. The most commonly used permit is called a Less Than 3 Acre Conversion Exemption. A timberland owner can convert less than 3 acres on a contiguous ownership without a timber harvesting plan. Conversions of more than 3 acres require a Timberland Conversion Permit. The Timberland Conversion Permit is a much more complex environmental document that requires much more time for review and approval. Both documents must be prepared by a Registered Professional Forester, and a Licensed Timber Operator is required for any timber operations. Please note that the zoning of a parcel does not determine if it contains timberland.

A review of CAL FIRE's timber harvest records shows that the area now occupied by the Ridgeview High School was the location of a 2.5-acre timberland conversion permitted under a conversion exemption (2-21EX-00093-BUT). This means that any additional timberland conversion of 0.5 acres or more will require the more complex Timberland Conversion permit. During my search of the CEQA State Clearinghouse for projects by the Paradise Unified School District, I also found Paradise High School Development at 1023 Eliot Road Project that proposes a 1,728-square-foot livestock farming area. To

prevent delays in your expansion projects, I recommend engaging the services of a Registered Professional Forester to begin the permit preparation process. Contact me if you have any questions or concerns.

PROFESSIONAL FORESTER
DAVID M.
DERBY
No. 2333
STATE OF CALIFORNIA

David Derby
Unit Forester
CAL FIRE Butte Unit

Attachment: Less Than 3 Acre Conversion Exemption 2-21EX-00093-BUT

CDTFA
BTU
McDaniel

LESS THAN 3 ACRE CONVERSION EXEMPTION

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
NOTICE OF TIMBER OPERATIONS THAT ARE EXEMPT FROM
CONVERSION AND TIMBER HARVESTING PLAN REQUIREMENTS
RM-73 (1104.1a) (01/2019)

FOR ADMIN. USE ONLY
EX. # 2-21EX-00593 BUT
Date of Receipt 4-28-2021
Date Validated by CAL FIRE 4-28-21
Date Expires 4-27-22

VALID FOR ONE YEAR FROM DATE RECIEPT BY CAL FIRE.
OPERATIONS CANNOT COMMENCE FOR FIFTEEN DAYS AFTER RECIEPT AND A NOTICE OF VALIDATION IS RECEIVED FROM CAL FIRE.

The Director of the Department of Forestry and Fire Protection (CAL FIRE) is hereby notified of timber operations under the requirements of 14 CCR § 1104.1(a): Harvesting of trees that is a single conversion to a non-timber growing use of timberland of less than three acres. (See 14 CCR § 1104.1(a) for a description of the conditions on the conduct of this type of timber operation and additional information that is ***required*** to be submitted.) Complete Items 1 through 8 on both pages of this notice.

1. Registered Professional Forester preparing Notice: Name Mike Santuccio Number 2553
   Address 7070 Cedar Pines Trail
   City Magalia State Ca Zip 95954 Phone 530-966-6560

I have, or my supervised designee has, (1) prepared this Notice of Conversion Exemption Timber Operations; (2) visited the site and flagged the boundaries of the conversion exemption, applicable WLPZs and equipment limitation zones; (3) prepared a Neighborhood Notice of Conversion Exemption according to 14 CCR § 1104.1(a)(3) to be mailed by the landowner to adjacent landowners; and (4) posted and dated a copy of the Neighborhood Notice of Conversion Exemption on the ownership, visible to the public, at least 5 days prior to the postmark date of submission of the Notice of Conversion Exemption. I certify that if the County Board of Supervisors has not designated a representative authorized to sign in Item 6 that I, or my supervised designee, contacted the county and the Notice is in conformance with county regulations.

SIGNATURE of RPF (required) Mike Santuccio Date 4/27/21

2. LICENSED TIMBER OPERATOR(S): Name Hillskemper Enterprises Lic. No. A11277
   Address P.O. Box 891
   City Forest Ranch State Ca Zip 95942 Phone 530-520-9731

SIGNATURE

3. TIMBERLAND OWNER(S) OF RECORD: Name Paradise Unified School District
   Address 6696 Clark Rd.
   City Paradise State Ca Zip 95969 Phone 530-513-3046

I certify, under penalty of perjury, that This is a one-time conversion to a non-timberland use and that there is a "BONA FIDE INTENT" [14 CCR § 1100(b)] to convert to: (required) High School Building, Basketball Court and Softball Field

(State what the conversion will be to)

SIGNATURE: Date 4/27/21

RECEIVED
APR 28 2021
REDDING
FOREST PRACTICE

4. TIMBER OWNER(S) OF RECORD: Name Same as Timberland Owner

Address _____

City _____ State _____ Zip _____ Phone _____

5. NOTICE SUBMITTER(S): Name Paradise Unified School District

Address 6696 Clark Rd.

City Paradise State Ca Zip 95969 Phone 530-513-3046

Submitter must be 2,3 or 4 above, and must sign.

SIGNATURE _____ Date 4/27/21

6. COUNTY BOARD OF SUPERVISORS DECLARATION: (required)

I, _____, declare as the authorized designee of the County Board of Supervisors that this conversion exemption is in conformance with all county regulatory requirements, including public notice. **(If the county has authorized a designee this item MUST be completed. If it has not, see Item 1.)**

SIGNATURE _____ Date _____

TIMBER TAX NOTICE: The TIMBER OWNER is responsible for payment of a yield tax.

For timber yield tax information or for assistance with these questions call 1-800-400-7115, or write: Timber Tax Section, MIC: 60, California Department of Tax and Fee Administration, P.O. Box 942879, Sacramento, CA 94279-0060; or see the CDTFA Web Page on the Internet http://www.cdtfa.ca.gov.

TIMBER TAX INFORMATION: Some small or low value harvests may be exempt from the timber yield tax (Revenue and Taxation Code sec. 38116)

Timber Owners may be considered exempt if the value of the harvesting operations does not exceed $3,000 dollars within a quarter, according to CDTFA Harvest Value Schedules, Rule 1024.

IF THE TIMBER OWNER BELIEVES HARVESTING MAY BE EXEMPT (see timber tax exemption language above for low value harvests) PLEASE CHECK BELOW:

FINAL DETERMINATION of tax exempt status will be made by the Timber Tax Section of the California Department of Tax and Fees Administration. If you think you are exempt based on the directions above please complete the below information so the Timber Tax Section can make the final determination.

IF YOU WOULD LIKE CDTFA TIMBER TAX SECTION TO CONSIDER A TAX EXEMPTION BASED ON PROJECTED HARVEST PLEASE COMPLETE THE INFORMATION BELOW.

A. Circle the option that most closely estimates the total volume for this harvest, in thousands of board feet (mbf - Net Scribner short log):

Under 8 mbf ☑ 8-15 mbf ☐ 16-25 mbf ☐ Over 25 mbf ☐

B. Estimate what percentage of timber will be removed during this harvest: (percentages provided should equal 100%)

Redwood _____%; Ponderosa/Sugar pine 100%; Douglas-fir _____%; Fir _____%;

Port-Orford Cedar _____%; Cedar (IC, WRC) _____%; Other conifer _____%; Other hardwood _____%.

C. Fuelwood over 150 cords? Yes ☐ No ☐ D. Christmas trees over 3,000 lineal feet? Yes ☐ No ☐

7. 14 CCR § 1038 (i) - Is it anticipated that a tree existing before 1800 A.D. greater than 60 inches' diameter at stump height for Sierra or Coastal Redwoods or 48 inches in diameter at stump height for all other tree species will be harvested? ☐ YES ☒ NO (required)

NOTE: If yes please refer to 14 CCR § 1038(h) and have an RPF prepare an explanation and justification described in 14 CCR § 1104.1(i) to be included at Submission

8. Has the Timberland Owner, whether acting as an individual, partnership or as an employee of a corporation or other legal entity obtained a conversion on a contiguous land ownership within the last 5 years? ☐ YES ☒ NO (required)

NOTE: If YES then the landowner may not apply for the conversion. The Timberland Owner may request a waiver of the five-year limitation with the Department per 14 CCR § 1104.1(a)(9)(A)(1-3)(B-D)

9. Has all or a portion of the contiguous land ownership been subject to a PRIOR, unpermitted Timberland conversion? (required)
☒ YES ☐ NO

If YES please provide a description or information to assist the Director in determining that this conversion would be consistent with the purpose of the Act.
(optional)

NOTE: Per 14 CCR § 1104.1(a) This conversion exemption is applicable to a conversion of Timberland to a non-timber use only, of less than three acres in one contiguous ownership, whether or not it is a portion of a larger land parcel and shall not be part of a THP. This conversion exemption may only be used once per contiguous land ownership. **If all or a portion of the contiguous land ownership has been subject to prior, unpermitted Timberland conversion, a conversion exemption hereunder shall not be accepted unless the Director determines that it would be consistent with the purposes of the Act**

10. Will Timber operations occur within the winter period? ☒ YES ☐ NO (optional)

NOTE: If YES refer to 14 CCR § 1104.1(a)(2)(E)(1-3) for specific requirements

11. Has the County / City approved, by local permit, operations within a WLPZ? ☐ YES ☒ NO (optional)

NOTE: timber operations are NOT allowed within a WLPZ without approval by county or city approval.

12. Have significant archaeological sites been identified within the project area? (required) ☐ YES ☒ NO
- If yes will the site be preserved in place? ☐ YES ☐ NO
- If yes please provide written concurrence from the Departments Archaeologist at the time of submission.

13. Designate the legal land description of the location of the timber operation. Attach a USGS 7.5-minute quadrangle or equivalent map showing the location of timber operations, it would be helpful to describe the access route to the timber operation so that it can be easily located, and/or include an assessor's parcel map for small areas. (required)

Base Meridian	Township	Range	Section	County	Logging Area Acreage (Estimated)	(required) Assessor's Parcel #
MDBM	22N	3E	14	Butte	2.5	List attached

The following are limitations or requirements for timber operations conducted under a Less Than Three Acre Conversion Exemption: (Notice, Notice of Conversion Exemption, Conversion Exemption):

1. Timber operations shall comply with all other applicable provisions of the Forest Practice Act and regulations, county general plans, zoning ordinances, State regulations and any implementing ordinances; copies of the state rules and regulations may be found on CAL FIRE's Web Page on the Internet at http://www.fire.ca.gov.

2. All timber operations shall be complete within one year from the date of acceptance by CAL FIRE. 14 CCR § 1104.1(a)(2)(A)

3. All conversion activities shall be complete within two years from the date of acceptance by CAL FIRE unless under permit by local jurisdiction. Failure to complete the conversion requires compliance with stocking standards and stocking report requirements of the Forest Practice Act and Board of Forestry and Fire Protection regulations. 14 CCR § 1104.1(a)(2)(B)

4. The RPF or supervised designee shall visit the site and flag the boundary of the conversion exemption timber operations and flag any applicable WLPZs and equipment limitation zones. 14 CCR § 1104.1(a)(2)(C)

5. The Timber Operator shall be the responsible party for the treatment of logging Slash and woody debris. 14 CCR 1104.1(a)(2)(D)

6. Timber operations may be conducted during the winter period. Tractor operations in the winter period are allowed under any of the conditions described in 14 CCR § 1104.1(a)(2)(E)(1-3)

7. No timber operations are allowed within a watercourse and lake protection zone unless specifically approved by local permit (e.g., county, city). 14 CCR § 1104.1(a)(2)(F)

8. No timber operations shall be conducted until CAL FIRE's notice of acceptance is received and a valid copy of this notice and CAL FIRE's acceptance shall be kept on site during timber operations.

9. **Before beginning Timber Operations, the Timber Operator shall notify the Department of the actual commencement date of operations. The notification, by telephone, mail, or email, shall be directed to the appropriate CAL FIRE Unit Headquarters, Forest Practice Inspector or other designated personnel. If the notification is provided by mail, Timber Operations may not commence until three (3) days after the postmark date of notification. 14 CCR § 1104.1(a)(2)(K)**

10. Operations conducted under a notice of exemption are NOT permitted in known sites of rare, candidate, threatened or endangered plants and animals if the sites will be disturbed or damaged. NO timber operations may occur within a buffer zone of a listed, or sensitive species defined by 14 CCR § 895.1

11. If any activities related to timber operations, as defined by PRC 4527, are to include any of the following activities in any river, stream or lake, including episodic and perennial waterways, a notification to the California Department Fish and Wildlife is required pursuant to Fish and Game Code §1602: 1) A substantial alteration of the bed, bank, or channel; 2) A substantial diversion (i.e. water drafting) or obstruction of the natural flow; or 3) Use of material from or deposit of material into the watercourse. Information on the Lake and Streambed Alteration Program, as well as notification forms, may be found at the following link: https://www.wildlife.ca.gov/conservation/lsa.

12. No timber operations are allowed on significant historical or archeological sites. See question #12 Above. Exception can be made if site is preserved and written concurrence is received, at time of submission of the Notice, from the Department Archeologist. 14 CCR § 1104.1(a)(2)(I)(1)(a-b)

13. A violation of the conversion exemption, including a conversion applied for in the name of someone other than the person or entity implementing the conversion in bona fide good faith, are violations of the Forest Practice Act and penalties may accrue up to ten thousand dollars ($10,000) for each violation pursuant to Article 8 (commencing with Section 4601).

14. Within one month of the completion of timber operations including slash disposal the landowner shall submit to CAL FIRE a RM-71 Completion and Stocking report. Per PRC 4585 and PRC 4587.

15. Timber operations conducted under this notice shall comply with all operational provisions of the Forest Practice Act and District Forest Practice Rules applicable to "Timber Harvesting Plan," "THP," and "plan." Timber operations must conform to applicable city or county general plans, city or county implementing ordinances, and city or county zoning ordinances within which the exemption is located.

The following suggestions may help ensure your compliance with the Forest Practice Rules:

1. Timber Owners, Timberland Owners and Timber Operators should obtain and review copies of the Forest Practice Rules pertaining to the Notice of Exemption. Copies may be obtained from BARCLAYS LAW PUBLISHERS, P.O. BOX 3066, SO. SAN FRANCISCO, CA. 94080. or from CAL FIRE, Forest Practice Section, P.O. BOX 944246, Sacramento, CA 94244-2460; or from CAL FIRE's Web Page on the Internet at http://www.fire.ca.gov.

2. Contact the CAL FIRE office listed below for questions regarding the use of this notice.

FILE THIS NOTICE WITH THE CAL FIRE OFFICE BELOW FOR THE COUNTY IN WHICH THE OPERATION WILL OCCUR:

Alameda, Colusa, Contra Costa, Del Norte Humboldt, Lake, Marin, Mendocino, Napa, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, western Trinity and Yolo Counties.	=> =>	Forest Practice Program Manager CAL FIRE 135 Ridgway Avenue Santa Rosa, CA 95401
Butte, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, eastern Trinity and Yuba Counties.	=> =>	Forest Practice Program Manager CAL FIRE 6105 Airport Road Redding, CA 96002
Alpine, Amador, Calaveras, El Dorado, Fresno, Imperial, Inyo, Kern, Los Angeles, Madera, Mariposa, Merced, Mono, Monterey, Orange, Riverside, San Benito, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Stanislaus, Tuolumne, Tulare, and Ventura Counties.	=> => =>	Forest Practice Program Manager CAL FIRE 1234 East Shaw Avenue

Assessor Parcel Numbers, PUSD Conversion Exemption

APN 053-110-065, 5958 Maxwell Drive	0.43 Acres
APN 053-110-064, Maxwell Drive, no address	0.43 Acres
APN 053-110-010, 5944 Maxwell Drive	0.40 Acres
APN 053-110-009, Pleasant Lane, no address	1.03 Acres

Item #9 explanation:

The western portions of APN's 053-110-065, 053-110-064 and 053-110-010 have been used as a paved parking lot since the middle 1990's. Total acreage of this area is approximately 0.75 acres. There are two live Ponderosa Pine trees left on the remainder of the parcels due to the aftermath of the 2018 Camp Fire. Most of the dead trees have already been removed from the parcel. There are still some dead Black Oaks that will need removal for this project.

Paradise Unified School District

Less Than 3 Acre Conversion Exemption

Adjacent Landowners within 300' Notified by Letter

Leo Bougeois
5974 Maxwell Dr.
Paradise, CA 95969

Marc & Sherry Wilson
3252 Panorama Dr.
South Lake Tahoe, CA 96150

Thomas & Rowena Drake
984 Fairview Dr.
Paradise, CA 95969

Olav Smith & Tara Grover
5468 Nord Ave. Sp. 24
Chico, CA 95926

Jacklynn Wise
1272 Virage Ln.
Chico, CA 95973

Haley Jorgensen, et. al
3078 Sweetwater Falls
Chico, CA 95973

Rory & Veronica Smith
610 Dodds Ct.
Woodland, CA 95610

Beatrice Milkovic
820 Cascade Ave.
Red Bluff, CA 96080

Rachel Dely
11797 Loma Rica N. Rd.
Loma Rica, CA 95901

D'Ann Robertson Trust
3755 Sunview Dr.
Paradise, CA 95969

Karl & Cecilia Tippets
P.O. Box 911
Chester, CA 96020

Kurtis & Angela Brandt
705-605 Jordana Ln.
Susanville, CA 96130

Paul Family Trust
18620 Burke Dr.
Plymouth, CA 95669

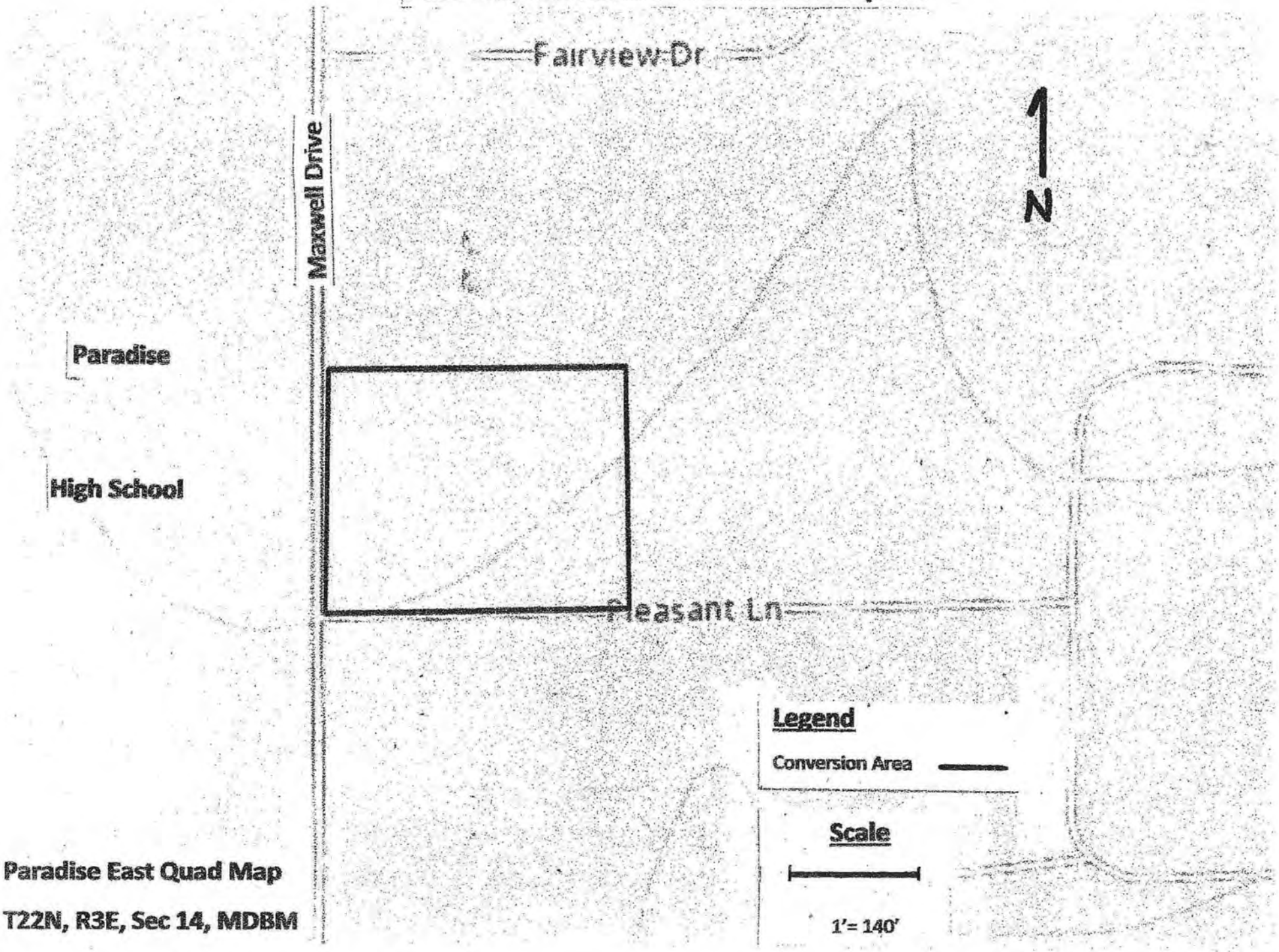
David & Veronica Derby
1004 Fairview Dr.
Paradise, CA 95969

Annette Gale Trust
462-715 Circle Dr.
Westwood , CSA 96137

Norberto Avila
116 W. 11th Ave.
Chico, CA 95926

DHN-44
8777 Skyway
Paradise, CA 95969

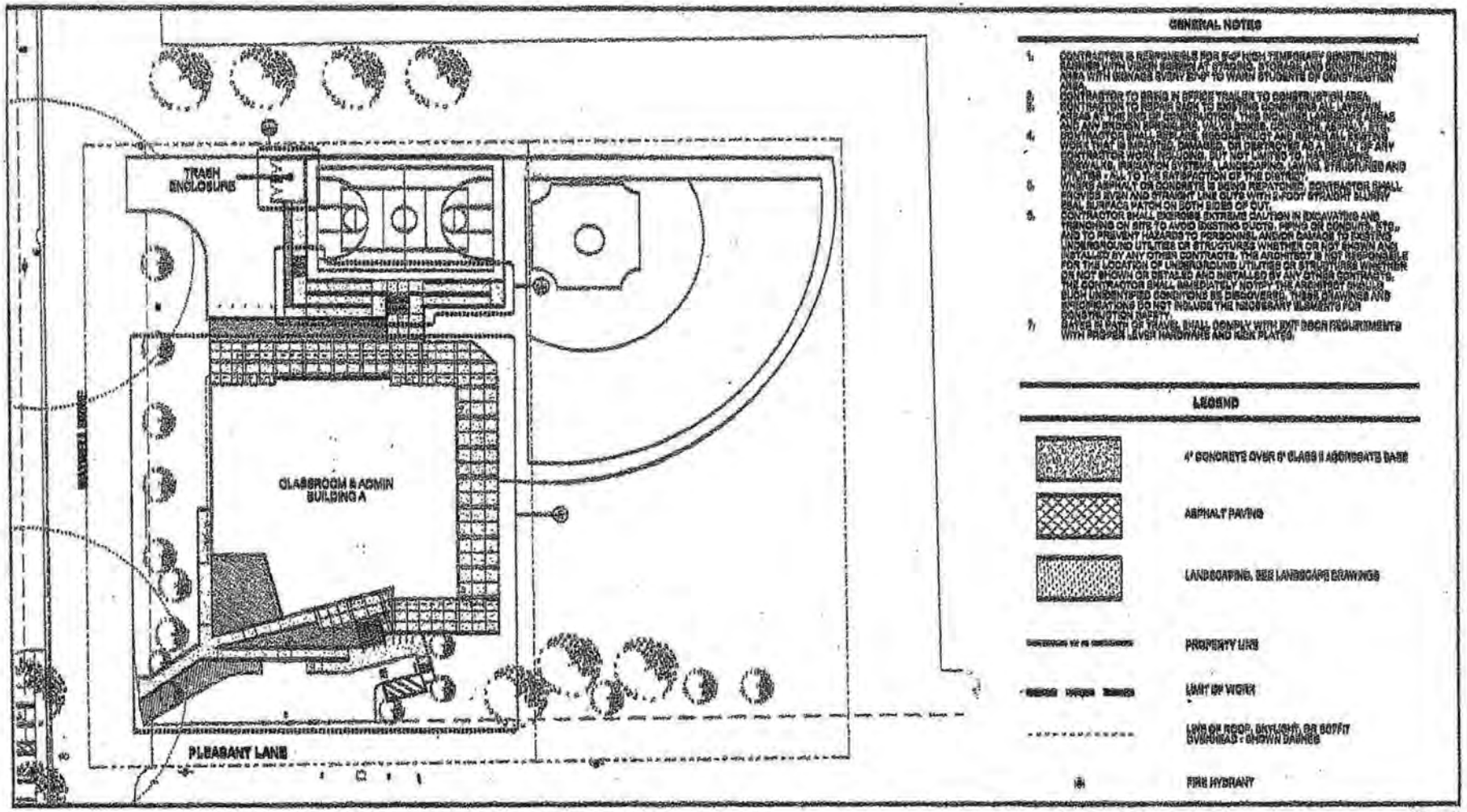
PUSD Less Than 3 Acre Conversion Exemption



Paradise East Quad Map

T22N, R3E, Sec 14, MDBM

Figure 4 - Overall Site Plan



Source: BCA, 2020

PlanWorks

Japp, Jeannie@CALFIRE

From:	Mike Santuccio <santucciomike@gmail.com>
Sent:	Tuesday, April 27, 2021 7:26 PM
To:	Review Team Redding Inbox@CALFIRE
Cc:	jtimm@pusdk12.org
Subject:	PUSD 3 Acre Conversion Exemption
Attachments:	CCF04272021_00002.jpg; CCF04272021_00003.jpg; CCF04272021_00004.jpg; CCF04272021_00005.jpg; CCF04272021_00006.jpg; CCF04272021_00009.jpg; CCF04272021_00010.jpg; CCF04272021_00011.jpg

Warning: this message is from an external user and should be treated with caution.

Review Team,

Please see the attached 3 acre conversion exemption for Paradise Unified School District.

Thank you,

Mike Santuccio
RPF #2553

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE-CHAIRPERSON
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March 17, 2026

David E. McCready
Paradise Unified School District
6696 Clark Road
Paradise CA 95969

Re: 2026030647 Paradise High School Expansion Project, Butte County

To Whom It May Concern:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states 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. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015. If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). Both SB 18 and AB 52 have tribal consultation requirements. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe. (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    - **a.** The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    - **b.** Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    - **a.** If part or all of the APE has been previously surveyed for cultural resources.
    - **b.** If any known cultural resources have already been recorded on or adjacent to the APE.
    - **c.** If the probability is low, moderate, or high that cultural resources are located in the APE.
    - **d.** If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    - **a.** The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    - **b.** The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:

a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Melina.Carlos@NAHC.ca.gov.

Sincerely,

Melina Carlos

Melina Carlos
Cultural Resources Analyst

cc: State Clearinghouse

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State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
North Central Region
1701 Nimbus Road, Suite A
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GAVIN NEWSOM, Governor
MEGHAN HERTEL, Director

March 30, 2026

David McCready
Paradise Unified School District
6696 Clark Road
Paradise, CA 95969
dmccready@pusdk12.org

Subject: NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT (DEIR) FOR THE PARADISE HIGH SCHOOL EXPANSION PROJECT
SCH NO. 2026030647

Dear David McCready:

The California Department of Fish and Wildlife (CDFW) received and reviewed the Notice of Preparation of an Environmental Impact Report (EIR) from Paradise Unified School District (School District) for the Paradise High School Expansion Project (Project) in Butte County pursuant to the California Environmental Quality Act (CEQA) statute and guidelines.[1]

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish, wildlife, plants and their habitats. Likewise, CDFW appreciates the opportunity to provide comments regarding those aspects of the Project that it, by law, may need to exercise its own regulatory authority under the Fish and Game Code (Fish & G. Code).

CDFW ROLE

CDFW is California's Trustee Agency for fish and wildlife resources and holds those resources in trust by statute for all the people of the State (Fish & G. Code, §§ 711.7, subd. (a) & 1802; Pub. Resources Code, § 21070; CEQA Guidelines § 15386, subd. (a).). CDFW, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species (Fish & G. Code, § 1802.). Similarly, for purposes of CEQA, CDFW provides, as available, biological expertise during public agency

1 CEQA is codified in the California Public Resources Code in section 21000 et seq. The "CEQA Guidelines" are found in Title 14 of the California Code of Regulations, commencing with section 15000.

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environmental review efforts, focusing specifically on projects and related activities that have the potential to adversely affect fish and wildlife resources.

CDFW may also act as a Responsible Agency under CEQA. (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381.) CDFW expects that it may need to exercise regulatory authority as provided by the Fish and Game Code. As proposed, for example, the Project may be subject to CDFW's lake and streambed alteration regulatory authority. (Fish & G. Code, § 1600 et seq.) Likewise, to the extent implementation of the Project as proposed may result in "take" as defined by State law of any species protected under the California Endangered Species Act (CESA) (Fish & G. Code, § 2050 et seq.), the project proponent may seek related take authorization as provided by the Fish and Game Code.

PROJECT DESCRIPTION SUMMARY

The Project site is located at the northwest corner of the Maxwell Drive and Elliott Road intersection in the Town of Paradise, Butte County, California. The Project is located along the existing southern boundary of the Paradise High School Campus and includes five Assessor Parcel Numbers: 053-111-015, 053-111-014, 053-111-028, 053-111-030, and 053-111-034.

The Project would occur on a 7.31-acre site and consists of the construction of a new parking lot, agricultural building, and football stadium and practice sports field. Construction would include grading and excavation, trenching for site utilities, building construction, architectural coatings, and driveway and walkway construction.

COMMENTS AND RECOMMENDATIONS

CDFW offers the comments and recommendations presented below to assist the School District in adequately identifying and/or mitigating the Project's significant, or potentially significant, impacts on biological resources. The comments and recommendations are also offered to enable CDFW to adequately review and comment on the proposed Project with respect to impacts on biological resources. CDFW recommends that the forthcoming EIR address the following:

Project Description

The Project description should include the whole action as defined in the CEQA Guidelines § 15378 and should include appropriate detailed exhibits disclosing the Project area including temporary impacted areas such as equipment stage area, spoils areas, adjacent infrastructure development, staging areas and access and haul roads if applicable.

As required by § 15126.6 of the CEQA Guidelines, the EIR should include an appropriate range of reasonable and feasible alternatives that would attain most of the basic Project objectives and avoid or minimize significant impacts to resources under CDFW's jurisdiction.

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Assessment of Biological Resources

Section 15125(c) of the CEQA Guidelines states that knowledge of the regional setting of a project is critical to the assessment of environmental impacts and that special emphasis should be placed on environmental resources that are rare or unique to the region. To enable CDFW staff to adequately review and comment on the Project, the EIR should include a complete assessment of the flora and fauna within and adjacent to the Project footprint, with emphasis on identifying rare, threatened, endangered, and other sensitive species and their associated habitats. CDFW recommends the EIR specifically include:

1. An assessment of all habitat types located within the Project footprint, and a map that identifies the location of each habitat type. CDFW recommends that floristic, alliance- and/or association-based mapping and assessment be completed following, *The Manual of California Vegetation*, second edition (Sawyer 2009). Adjoining habitat areas should also be included in this assessment where site activities could lead to direct or indirect impacts offsite. Habitat mapping at the alliance level will help establish baseline vegetation conditions.

2. A general biological inventory of the fish, amphibian, reptile, bird, and mammal species that are present or have the potential to be present within each habitat type onsite and within adjacent areas that could be affected by the Project. CDFW recommends that the California Natural Diversity Database (CNDDB), as well as previous studies performed in the area, be consulted to assess the potential presence of sensitive species and habitats. A nine United States Geologic Survey 7.5-minute quadrangle search is recommended to determine what may occur in the region, larger if the Project area extends past one quad (see *Data Use Guidelines* on the CDFW webpage www.wildlife.ca.gov/Data/CNDDB/Maps-and-Data). Please review the webpage for information on how to access the database to obtain current information on any previously reported sensitive species and habitat, including Significant Natural Areas identified under Chapter 12 of the Fish and Game Code, in the vicinity of the Project. CDFW recommends that CNDDB Field Survey Forms be completed and submitted to CNDDB to document survey results. Online forms can be obtained and submitted at: https://www.wildlife.ca.gov/Data/CNDDB/Submitting-Data.

   Please note that CDFW's CNDDB is not exhaustive in terms of the data it houses, nor is it an absence database. CDFW recommends that it be used as a starting point in gathering information about the *potential presence* of species within the general area of the Project site. Other sources for identification of species and habitats near or adjacent to the Project area should include, but may not be limited to, State and federal resource agency lists, California Wildlife Habitat Relationship System, California Native Plant Society Inventory, agency contacts, environmental documents for other projects in the vicinity, academics, and professional or scientific organizations.

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3. A complete and recent inventory of rare, threatened, endangered, and other sensitive species located within the Project footprint and within offsite areas with the potential to be affected, including California Species of Special Concern and California Fully Protected Species (Fish & G. Code § § 3511, 4700, 5050, and 5515). Species to be addressed should include all those which meet the CEQA definition (CEQA Guidelines § 15380). The inventory should address seasonal variations in use of the Project area and should not be limited to resident species. The EIR should include the results of focused species-specific surveys, completed by a qualified biologist and conducted at the appropriate time of year and time of day when the sensitive species are active or otherwise identifiable. Species-specific surveys should be conducted in order to ascertain the presence of species with the potential to be directly, indirectly, on or within a reasonable distance of the Project activities. CDFW recommends the School District rely on survey and monitoring protocols and guidelines available at: www.wildlife.ca.gov/Conservation/Survey-Protocols. Alternative survey protocols may be warranted; justification should be provided to substantiate why an alternative protocol is necessary. Acceptable species-specific survey procedures should be developed in consultation with CDFW and the U.S. Fish and Wildlife Service, where necessary. Some aspects of the Project may warrant periodic updated surveys for certain sensitive taxa, particularly if the Project is proposed to occur over a protracted time frame, or in phases, or if surveys are completed during periods of drought or deluge.

4. A thorough, recent (within the last two years), floristic-based assessment of special-status plants and natural communities, following CDFW's *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities* (see www.wildlife.ca.gov/Conservation/Plants).

5. Information on the regional setting that is critical to an assessment of environmental impacts, with special emphasis on resources that are rare or unique to the region (CEQA Guidelines § 15125[c]).

Analysis of Direct, Indirect, and Cumulative Impacts to Biological Resources

The EIR should provide a thorough discussion of the Project's potential direct, indirect, and cumulative impacts on biological resources. To ensure that Project impacts on biological resources are fully analyzed, the following information should be included in the EIR:

1. The EIR should define the threshold of significance for each impact and describe the criteria used to determine whether the impacts are significant (CEQA Guidelines, § 15064, subd. (f)). The EIR must demonstrate that the significant environmental impacts of the Project were adequately investigated and discussed and it must permit the significant effects of the Project to be considered in the full environmental context.

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2. A discussion of potential impacts from lighting, noise, human activity, and wildlife-human interactions created by Project activities especially those adjacent to natural areas, exotic and/or invasive species occurrences, and drainages. The EIR should address Project-related changes to drainage patterns and water quality within, upstream, and downstream of the Project site, including: volume, velocity, and frequency of existing and post-Project surface flows; polluted runoff; soil erosion and/or sedimentation in streams and water bodies; and post-Project fate of runoff from the Project site.

3. A discussion of potential indirect Project impacts on biological resources, including resources in areas adjacent to the Project footprint, such as nearby public lands (e.g., National Forests, State Parks, etc.), open space, adjacent natural habitats, riparian ecosystems, wildlife corridors, and any designated and/or proposed reserve or mitigation lands (e.g., preserved lands associated with a Conservation or Recovery Plan, or other conserved lands).

4. A cumulative effects analysis developed as described under CEQA Guidelines section 15130. The EIR should discuss the Project's cumulative impacts to natural resources and determine if that contribution would result in a significant impact. The EIR should include a list of present, past, and probable future projects producing related impacts to biological resources or shall include a summary of the projections contained in an adopted local, regional, or statewide plan, that consider conditions contributing to a cumulative effect. The cumulative analysis shall include impact analysis of vegetation and habitat reductions within the area and their potential cumulative effects. Please include all potential direct and indirect Project-related impacts to riparian areas, wetlands, wildlife corridors or wildlife movement areas, aquatic habitats, sensitive species and/or special-status species, open space, and adjacent natural habitats in the cumulative effects analysis.

Mitigation Measures for Project Impacts to Biological Resources

The EIR should include appropriate and adequate avoidance, minimization, and/or mitigation measures for all direct, indirect, and cumulative impacts that are expected to occur as a result of the construction and long-term operation and maintenance of the Project. CDFW also recommends the environmental documentation provide scientifically supported discussion regarding adequate avoidance, minimization, and/or mitigation measures to address the Project's significant impacts upon fish and wildlife and their habitat. For individual projects, mitigation must be roughly proportional to the level of impacts, including cumulative impacts, in accordance with the provisions of CEQA (Guidelines § § 15126.4(a)(4)(B), 15064, 15065, and 16355). In order for mitigation measures to be effective, they must be specific, enforceable, and feasible actions that will improve environmental conditions. When proposing measures to avoid, minimize, or mitigate impacts, CDFW recommends consideration of the following:

1. *Fully Protected Species*: Several Fully Protected Species (Fish & G. Code § 3511) have the potential to occur within or adjacent to the Project area, including,

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but not limited to white-tailed kite (*Elanus leucurus*). Project activities described in the EIR should be designed to completely avoid any fully protected species that have the potential to be present within or adjacent to the Project area. If fully protected species cannot be completely avoided, the Project should obtain incidental take coverage for all species that have the potential to be present within or adjacent to the Project Area[2]. CDFW also recommends the EIR fully analyze potential adverse impacts to fully protected species due to habitat modification, loss of foraging habitat, and/or interruption of migratory and breeding behaviors. CDFW recommends that the School District include in the analysis how appropriate avoidance, minimization and mitigation measures will reduce indirect impacts to fully protected species.

2. *Species of Special Concern*: Several Species of Special Concern (SSC) have the potential to occur within or adjacent to the Project area, including, but not limited to: coast horned lizard (*Phrynosoma blainvillii*), long-eared owl (*Asio o*tus), loggerhead shrike (*Lanius ludovicianus*), purple martin (*Progne subis*), olive-sided flycatcher (*Contopus cooperi*), grasshopper sparrow (*Ammodramus savannarum*), and pallid bat (*Antrozous pallidus*).Project activities described in the EIR should be designed to avoid any SSC that have the potential to be present within or adjacent to the Project area. CDFW also recommends that the EIR fully analyze potential adverse impacts to SSC due to habitat modification, loss of foraging habitat, and/or interruption of migratory and breeding behaviors. CDFW recommends the School District include in the analysis how appropriate avoidance, minimization and mitigation measures will reduce impacts to SSC.

3. *Sensitive Plant Communities*: CDFW considers sensitive plant communities to be imperiled habitats having both local and regional significance. Plant communities, alliances, and associations with a statewide ranking of S-1, S-2, S-3, and S-4 should be considered sensitive and declining at the local and regional level. These ranks can be obtained by querying the CNDDB and are included in *The Manual of California Vegetation* (Sawyer 2009). The EIR should include measures to fully avoid and otherwise protect sensitive plant communities from Project-related direct and indirect impacts.

4. *Native Wildlife Nursery Sites*: CDFW recommends the EIR fully analyze potential adverse impacts to native wildlife nursery sites, including but not limited to bat maternity roosts. Based on review of Project materials, aerial photography, and observation of the site from public roadways, the Project site contains potential nursery site habitat for tree roosting bats and is near potential foraging habitat. Bats are considered non-game mammals and are afforded protection by state law from take and/or harassment, (Fish & G. Code, § 4150; Cal. Code of Regs, § 251.1). CDFW recommends that the EIR fully identify the Project's potential

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2 CDFW may only issue incidental take permits for specified projects if certain conditions are satisfied per SB 147.

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impacts to native wildlife nursery sites, and include appropriate avoidance, minimization and mitigation measures to reduce impacts or mitigate any potential significant impacts to bat nursery sites.

5. *Mitigation*: CDFW considers adverse Project-related impacts to sensitive species and habitats to be significant to both local and regional ecosystems, and the EIR should include mitigation measures for adverse Project-related impacts to these resources. Mitigation measures should emphasize avoidance and reduction of Project impacts. For unavoidable impacts, onsite habitat restoration, enhancement, or permanent protection should be evaluated and discussed in detail. If onsite mitigation is not feasible or would not be biologically viable and therefore not adequately mitigate the loss of biological functions and values, offsite mitigation through habitat creation and/or acquisition and preservation in perpetuity should be addressed.

   The EIR should include measures to perpetually protect the targeted habitat values within mitigation areas from direct and indirect adverse impacts in order to meet mitigation objectives to offset Project-induced qualitative and quantitative losses of biological values. Specific issues that should be addressed include restrictions on access, proposed land dedications, long-term monitoring and management programs, control of illegal dumping, water pollution, increased human intrusion, etc.

6. *Habitat Revegetation/Restoration Plans*: Plans for restoration and revegetation should be prepared by persons with expertise in the regional ecosystems and native plant restoration techniques. Plans should identify the assumptions used to develop the proposed restoration strategy. Each plan should include, at a minimum: (a) the location of restoration sites and assessment of appropriate reference sites; (b) the plant species to be used, sources of local propagules, container sizes, and seeding rates; (c) a schematic depicting the mitigation area; (d) a local seed and cuttings and planting schedule; (e) a description of the irrigation methodology; (f) measures to control exotic vegetation on site; (g) specific success criteria; (h) a detailed monitoring program; (i) contingency measures should the success criteria not be met; and (j) identification of the party responsible for meeting the success criteria and providing for conservation of the mitigation site in perpetuity. Monitoring of restoration areas should extend across a sufficient time frame to ensure that the new habitat is established, self-sustaining, and capable of surviving drought.

   CDFW recommends that local onsite propagules from the Project area and nearby vicinity be collected and used for restoration purposes. Onsite seed collection should be appropriately timed to ensure the viability of the seeds when planted. Onsite vegetation mapping at the alliance and/or association level should be used to develop appropriate restoration goals and local plant palettes. Reference areas should be identified to help guide restoration efforts. Specific restoration plans should be developed for various Project components as

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appropriate. Restoration objectives should include protecting special habitat elements or re-creating them in areas affected by the Project. Examples may include retention of woody material, logs, snags, rocks, and brush piles. Fish and Game Code sections 1002, 1002.5 and 1003 authorize CDFW to issue permits for the take or possession of plants and wildlife for scientific, educational, and propagation purposes. Please see our website for more information on Scientific Collecting Permits at www.wildlife.ca.gov/Licensing/Scientific-Collecting#53949678-regulations-.

7. *Nesting Birds*: Please note that it is the Project proponent's responsibility to comply with all applicable laws related to nesting birds and birds of prey. Migratory non-game native bird species are protected by international treaty under the federal Migratory Bird Treaty Act (MBTA) of 1918, as amended (16 U.S.C. 703 *et seq.*). CDFW implemented the MBTA by adopting the Fish and Game Code section 3513. Fish and Game Code sections 3503, 3503.5 and 3800 provide additional protection to nongame birds, birds of prey, their nests and eggs. Sections 3503, 3503.5, and 3513 of the Fish and Game Code afford protective measures as follows: section 3503 states that it is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by the Fish and Game Code or any regulation made pursuant thereto; section 3503.5 states that is it unlawful to take, possess, or destroy any birds in the orders Falconiformes or Strigiformes (birds-of-prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by the Fish and Game Code or any regulation adopted pursuant thereto; and section 3513 states that it is unlawful to take or possess any migratory nongame bird as designated in the MBTA or any part of such migratory nongame bird except as provided by rules and regulations adopted by the Secretary of the Interior under provisions of the MBTA.

   Potential habitat for nesting birds and birds of prey is present within the Project area. The Project should disclose all potential activities that may incur a direct or indirect take to nongame nesting birds within the Project footprint and its vicinity. Appropriate avoidance, minimization, and/or mitigation measures to avoid take must be included in the EIR.

   CDFW recommends the EIR include specific avoidance and minimization measures to ensure that impacts to nesting birds or their nests do not occur. Project-specific avoidance and minimization measures may include, but not be limited to: Project phasing and timing, monitoring of Project-related noise (where applicable), sound walls, and buffers, where appropriate. The EIR should also include specific avoidance and minimization measures that will be implemented should a nest be located within the Project site. In addition to larger, protocol level survey efforts (e.g., Swainson's hawk surveys) and scientific assessments, CDFW recommends a final preconstruction survey be required no more than three (3) days prior to vegetation clearing or ground disturbance activities, as instances of nesting could be missed if surveys are conducted earlier.

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8. *Moving out of Harm's Way*: The Project is anticipated to result in the clearing of natural habitats that support native species. To avoid direct mortality, the School District should state in the EIR a requirement for a qualified biologist with the proper handling permits, will be retained to be onsite prior to and during all ground- and habitat-disturbing activities. Furthermore, the EIR should describe that the qualified biologist with the proper permits may move out of harm's way special-status species or other wildlife of low or limited mobility that would otherwise be injured or killed from Project-related activities, as needed. The EIR should also describe qualified biologist qualifications and authorities to stop work to prevent direct mortality of special-status species. CDFW recommends fish and wildlife species be allowed to move out of harm's way on their own volition, if possible, and to assist their relocation as a last resort. It should be noted that the temporary relocation of onsite wildlife does not constitute effective mitigation for habitat loss.

9. *Translocation of Species*: CDFW generally does not support the use of relocation, salvage, and/or transplantation as the sole mitigation for impacts to rare, threatened, or endangered species as these efforts are generally experimental in nature and largely unsuccessful. Therefore, the EIR should describe additional mitigation measures utilizing habitat restoration, conservation, and/or preservation, in addition to avoidance and minimization measures, if it is determined that there may be impacts to rare, threatened, or endangered species.

The EIR should incorporate mitigation performance standards that would ensure that impacts are reduced to a less-than-significant level. Mitigation measures proposed in the EIR should be made a condition of approval of the Project. Please note that obtaining a permit from CDFW by itself with no other mitigation proposal may constitute mitigation deferral. CEQA Guidelines section 15126.4, subdivision (a)(1)(B) states that formulation of mitigation measures should not be deferred until some future time. To avoid deferring mitigation in this way, the EIR should describe avoidance, minimization and mitigation measures that would be implemented should the impact occur.

California Endangered Species Act

CDFW is responsible for ensuring appropriate conservation of fish and wildlife resources including threatened, endangered, and/or candidate plant and animal species, pursuant to CESA. CDFW recommends that a CESA Incidental Take Permit (ITP) be obtained if the Project has the potential to result in "take" (Fish & G. Code § 86 defines "take" as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill") of State-listed CESA species, either through construction or over the life of the Project.

State-listed species with the potential to occur in the area include, but are not limited to: bald eagle (*Haliaeetus leucocephalus*), burrowing owl (*Athene cunicularia*), Crotch's bumblebee (*Bombus crotchii*), and western bumble bee (*Bombus occidentalis*).

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The EIR should disclose the potential of the Project to take State-listed species and how the impacts will be avoided, minimized, and mitigated. Please note that mitigation measures that are adequate to reduce impacts to a less-than significant level to meet CEQA requirements may not be enough for the issuance of an ITP. To facilitate the issuance of an ITP, if applicable, CDFW recommends the EIR include measures to minimize and fully mitigate the impacts to any State-listed species the Project has potential to take. CDFW encourages early consultation with staff to determine appropriate measures to facilitate future permitting processes and to engage with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service to coordinate specific measures if both State and federally listed species may be present within the Project vicinity.

Native Plant Protection Act

The Native Plant Protection Act (Fish & G. Code §1900 *et seq*.) prohibits the take or possession of State-listed rare and endangered plants, including any part or product thereof, unless authorized by CDFW or in certain limited circumstances. Take of State-listed rare and/or endangered plants due to Project activities may only be permitted through an ITP or other authorization issued by CDFW pursuant to California Code of Regulations, Title 14, section 786.9 subdivision (b).

ENVIRONMENTAL DATA

CEQA requires that information developed in environmental impact reports and negative declarations be incorporated into a database, which may be used to make subsequent or supplemental environmental determinations (Pub. Resources Code, § 21003, subd. (e)). Accordingly, please report any special-status species and natural communities detected during Project surveys to CNDDB. The CNNDB field survey form can be found at the following link: https://www.wildlife.ca.gov/Data/CNDDB/Submitting-Data. The completed form can be submitted online or mailed electronically to CNDDB at the following email address: CNDDB@wildlife.ca.gov.

FILING FEES

The Project, as proposed, would have an effect on fish and wildlife, and assessment of filing fees is necessary. Fees are payable upon filing of the Notice of Determination by the School District and serve to help defray the cost of environmental review by CDFW. Payment of the fee is required in order for the underlying project approval to be operative, vested, and final. (Cal. Code Regs, tit. 14, § 753.5; Fish & G. Code § 711.4; Pub. Resources Code, § 21089.)

CONCLUSION

Pursuant to Public Resources Code sections 21092 and 21092.2, CDFW requests written notification of proposed actions and pending decisions regarding the Project. Written notifications shall be directed to: California Department of Fish and Wildlife North Central Region, 1701 Nimbus Road, Rancho Cordova, CA 95670 or emailed to R2CEQA@wildlife.ca.gov.

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CDFW appreciates the opportunity to comment on the Notice of Preparation of the EIR for the Paradise High School Expansion Project and recommends that the School District address CDFW's comments and concerns in the forthcoming EIR. CDFW personnel are available for consultation regarding biological resources and strategies to minimize impacts.

If you have any questions regarding the comments provided in this letter, or wish to schedule a meeting and/or site visit, please contact Sammi Morford, Environmental Scientist at (916) 880-8324 or samantha.morford@wildlife.ca.gov.

Sincerely,

DocuSigned by:
Melissa Stanfield for
01CA3A28850A4F4...

Tanya Sheya
Environmental Program Manager

ec: Melissa Stanfield, Senior Environmental Scientist (Supervisory)
Sammi Morford, Environmental Scientist
California Department of Fish and Wildlife

Office of Land Use and Climate Innovation, State Clearinghouse, Sacramento

REFERENCES

Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens. 2009. A Manual of California Vegetation, 2nd ed. California Native Plant Society Press, Sacramento, California. http://vegetation.cnps.org/

APPENDIX B
AIR QUALITY AND GREENHOUSE GAS EMISSIONS

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CalEEMod Inputs- Paradise High School Expansion Project, Construction

Name:	Paradise High School Expansion Project
Project Number:	PRSD-09
Project Location:	5911 Maxwell Dr, Paradise, CA 95969
County:	Butte
Climate Zone:	3
Land Use Setting:	Rural
Gas Utility Company:	Pacific Gas & Electric Company
Electric Utility Company:	Pacific Gas & Electric Company
Air Basin:	Sacramento Valley
Air District:	Butte County AQMD

Project Site Acreage: 7.31

Demolition	Footprint SQFT	Acres	Tons of Debris[1]
Hardscape			
Pavement Hardscape	69,496	1.60	1,668

Notes:

[1] Based on District input.

Improvements	Footprint SQFT	Acres
Phase 1 (Ag Building)		
Agricultural Building	1,728	0.04
Landcaping and Concrete	7,728	0.18
Pathway (Gravel)	48,914	1.12
Total	**58,370**	**1.34**
Phase 2 (Stadium)		
Football/Practice Field	57,499	1.32
Concrete	58,370	1.34
Asphalt	58,370	1.34
Parking Lot	85,870	1.97
Total	**260,110**	**5.97**
TOTAL	**318,480**	**7.31**

CalEEMod Land Use Inputs (Phase 1)

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped SQFT
Educational	High School	1.728	1000 SQFT	0.22	1,728	7,728
Parking	Other Non-Asphalt Surface	48.914	1000 SQFT	1.12	48,914	0
				1.34		

CalEEMod Land Use Inputs (Phase 2)

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped SQFT
Parking	Other Non-Asphalt Surface	58.370	1000 SQFT	2.66	58,370	57,499
Parking	Other Asphalt Surfaces	58.370	1000 SQFT	1.34	58,370	0
Parking	Parking Lot	85.870	1000 SQFT	1.97	85,870	0
				5.97		

Demolition (Phase 1)

Component	Amount to be Demolished	Haul Truck Capacity (Tons)[1]	Haul Distance (miles)[1]	Total Trip Ends	Duration (days)	Trip Ends Per Day
Demolition (Tons)	834	20	20	84	17	5

Demolition (Phase 2)

Component	Amount to be Demolished	Haul Truck Capacity (Tons)[1]	Haul Distance (miles)[1]	Total Trip Ends	Duration (days)	Trip Ends Per Day
Demolition (Tons)	834	20	20	84	21	4

Soil Haul (Phase 1)

Construction Activities	Volume (CY)[2]	Haul Truck Capacity (CY)[1]	Haul Distance (miles)[1]	Total Trip Ends	Duration (days)	Trip Ends per Day
Soil Export (Site Preparation)	1,250	16	20	156	5	31
Soil Export (Grading)	1,250	16	20	156	2	78

Soil Haul (Phase 2)

Construction Activities	Volume (CY)[2]	Haul Truck Capacity (CY)[1]	Haul Distance (miles)[1]	Total Trip Ends	Duration (days)	Trip Ends per Day
Soil Export (Site Preparation)	1,250	16	20	156	9	17

Soil Export (Grading)	1,250	16	20	156	17	9

Notes:

[1] CalEEMod default used.

[2] Based on maximum quantity of soil export across both phases, 5,000 CY.

Architectural Coating

	Percent Painted	
Interior Painted:	100%	
Exterior Painted:	100%	
Butte County AQMD Rule 230		
Interior Paint VOC content:	50	grams per liter
Exterior Paint VOC content:	50	grams per liter
Parking Paint VOC content:	150	grams per liter

Land Uses	Land Use Square Feet	CalEEMod Factor[2]	Total Paintable Surface Area[3]	Paintable Interior Area[1]	Paintable Exterior Area[1]
Non-Residential Structures					
Agricultural Building	1,728	2.0	3,456	2,592	864
				2,592	**864**
Parking					
Other Non-Asphalt Surface	48,914	6%	2,935	-	2,935
					2,935

Land Uses	Land Use Square Feet	CalEEMod Factor[2]	Total Paintable Surface Area[3]	Paintable Interior Area[1]	Paintable Exterior Area[1]
Parking					
Other Non-Asphalt Surface	58,370	6%	3,502	-	3,502
Other Asphalt Surfaces	58,370	6%	3,502	-	3,502
Parking Lot	85,870	6%	5,152	-	5,152
					12,157

Notes:

[1] CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

[2] CalEEMod assumes the total surface for painting equals 2 times the floor square footage for nonresidential square footage defined by user.

[3] Assumes that all parking and non-parking asphalt will be striped. CalEEMod methodology assumes 6% of surface area is striped.

Fugitive Dust Rule Compliance

Butte County AQMD Rule 205

Water Unpaved Roads	Frequency:	2	per day
	PM_{10}:	55	% Reduction
	$PM_{2.5}$:	55	% Reduction

Water Exposed Area	Frequency:	2	per day
	PM_{10}:	61	% Reduction
	$PM_{2.5}$:	61	% Reduction
Unpaved Roads	Vehicle Speed:	25	mph
	PM_{10}:	44	% Reduction
	$PM_{2.5}$:	44	% Reduction
	Clean Paved Road	9	% PM Reduction

Construction Activities and Schedule Assumptions

* based on schedule provided by District

Phase 1: 9 months, Winter 2026 - Summer 2027

Phase 2: start 2030, operational 2031

CalEEMod Default Construction Schedule (Phase 1)				
Construction Activities	**Phase Type**	**Start Date**	**End Date**	**CalEEMod Duration (Workday)**
Demolition	Demolition	12/21/2026	1/18/2027	21
Site Preparation	Site Preparation	1/19/2027	1/21/2027	3
Grading	Grading	1/22/2027	1/27/2027	4
Building Construction	Building Construction	1/28/2027	11/4/2027	201
Paving	Paving	11/5/2027	11/19/2027	11
Architectural Coating	Architectural Coating	11/20/2027	12/4/2027	10
			Total Days	**348**

Normalization Calculations				
CalEEMod Defaults Construction Duration			**Assumed Construction Duration**	
348	days of construction		12/21/2026	9/21/2027
0.95	years of construction		274	days
11.44	months of construction		9.01	months
		Norm Factor:	0.79	

Revised Construction Schedule (Phase 1)				
Construction Activities	**Phase Type**	**Start Date**	**End Date**	**CalEEMod Duration (Workday)**
Demolition	Demolition	12/21/2026	1/12/2027	17
Site Preparation	Site Preparation	1/13/2027	1/14/2027	2
Grading	Grading	1/15/2027	1/19/2027	3
Building Construction	Building Construction	1/20/2027	8/27/2027	158
Paving	Paving	8/28/2027	9/9/2027	9
Architectural Coating	Architectural Coating	9/10/2027	9/22/2027	9
			Total Days	**198**

CalEEMod Default Construction Schedule (Phase 2)				
Construction Activities	**Phase Type**	**Start Date**	**End Date**	**CalEEMod Duration (Workday)**
Demolition	Demolition	1/2/2030	1/30/2030	21
Site Preparation	Site Preparation	1/31/2030	2/14/2030	11
Grading	Grading	2/15/2030	3/15/2030	21
Building Construction	Building Construction	3/16/2030	2/1/2031	230
Paving	Paving	2/2/2031	3/2/2031	20
Architectural Coating	Architectural Coating	3/3/2031	3/31/2031	21
			Total Days	**453**

Normalization Calculations				
CalEEMod Defaults Construction Duration			**Assumed Construction Duration**	
453	days of construction		1/2/2030	1/2/2031
1.24	years of construction		365	days
14.89	months of construction		12.00	months
		Norm Factor:	0.81	

Revised Construction Schedule (Phase 2)				
Construction Activities	**Phase Type**	**Start Date**	**End Date**	**CalEEMod Duration (Workday)**
Demolition	Demolition	1/2/2030	1/24/2030	17
Site Preparation	Site Preparation	1/25/2030	2/6/2030	9
Grading	Grading	2/7/2030	3/1/2030	17
Field Improvements Construction	Building Construction	3/2/2030	11/15/2030	185
Paving	Paving	11/16/2030	12/9/2030	16
Architectural Coating	Architectural Coating	12/10/2030	1/1/2031	17
			Total Days	**261**

CalEEMod Construction Off-Road Equipment Inputs (Phase 1)

Source: CalEEMod defaults.

Construction Equipment Details			
Default Equipment	**# of Equipment**	**hr/day**	**total trips per day**
Asphalt Demolition			
Concrete/Industrial Saws	1	8	
Excavators	3	8	
Rubber Tired Dozers	1	8	
Worker Trips			13
Vendor Trips			2
Hauling Trips			5
Water Trucks	Acres Disturbed:	0.5	4
	Onsite Travel (mi/day)	0.41	
Modified Vendor Trips			6
Site Preparation			
Tractors/Loaders/Backhoes	1	8	
Graders	1	8	
Rubber Tired Dozers	1	7	
Worker Trips			8
Vendor Trips			1
Hauling Trips			31
Water Trucks (added to Vendor Trips)	Acres Disturbed:	0.94	6
	Onsite Travel (mi/day)	0.77	
Modified Vendor Trips			7
Grading			
Graders	1	8	
Tractors/Loaders/Backhoes	2	8	
Rubber Tired Dozers	1	8	
Worker Trips			10
Vendor Trips			3
Hauling Trips			78
Water Trucks (added to Vendor Trips)	Acres Disturbed:	2	10
	Onsite Travel (mi/day)	1.65	
Modified Vendor Trips			13

Building Construction			
Cranes	1	6	
Forklifts	1	6	
Generator Sets	1	8	
Tractors/Loaders/Backhoes	1	6	
Welders	3	8	
Worker Trips			1
Vendor Trips			1
Hauling Trips			0
Paving			
Cement and Mortar Mixers	1	6	
Pavers	1	6	
Paving Equipment	1	8	
Rollers	1	7	
Tractors/Loaders/Backhoes	1	8	
Worker Trips			13
Vendor Trips			2
Hauling Trips			0
Architectural Coating			
Air Compressors	1	6	
Worker Trips			1
Vendor Trips			0
Hauling Trips			0

Water Truck Vendor Trip Calculation

Amount of Water (gal/acre/day)[1]	Water Truck Capacity (gallons)[2]
10,000	4,000

Notes:

[1] Based on data provided in Guidance for Application for Dust Control Permit

Maricopa County Air Quality Department. 2005, June. Guidance for Application of Dust Control Permit. https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)

[2] Based on standard water truck capacity:

McLellan Industries. 2025, January (access). Water Trucks. https://www.mclellanindustries.com/trucks/water-trucks/

[3] Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

CalEEMod Construction Off-Road Equipment Inputs (Phase 2)

Source: CalEEMod defaults.

	Construction Equipment Details			
	Default Equipment	**# of Equipment**	**hr/day**	**total trips per day**
Asphalt Demolition				
	Concrete/Industrial Saws	1	8	
	Excavators	3	8	
	Rubber Tired Dozers	2	8	
	Worker Trips			15
	Vendor Trips			2
	Hauling Trips			12
	Water Trucks	Acres Disturbed:	1	6
		Onsite Travel (mi/day)	0.83	
	Modified Vendor Trips			8
Site Preparation				
	Tractors/Loaders/Backhoes	3	8	
	Rubber Tired Dozers	4	8	
	Worker Trips			18
	Vendor Trips			1
	Hauling Trips			17
	Water Trucks (added to Vendor Trips)	Acres Disturbed:	3.50	18
		Onsite Travel (mi/day)	2.89	
	Modified Vendor Trips			19
Grading				
	Graders	1	8	
	Tractors/Loaders/Backhoes	3	8	
	Excavators	1	8	
	Rubber Tired Dozers	1	8	
	Worker Trips			15
	Vendor Trips			3
	Hauling Trips			9
	Water Trucks (added to Vendor Trips)	Acres Disturbed:	2.5	14
		Onsite Travel (mi/day)	2.06	
	Modified Vendor Trips			17

Stadium/Parking Lot Construction			
Cranes	1	7	
Forklifts	3	8	
Generator Sets	1	8	
Tractors/Loaders/Backhoes	3	7	
Welders	1	8	
Worker Trips			25
Vendor Trips			10
Hauling Trips			0
Paving			
Pavers	2	6	
Paving Equipment	2	8	
Rollers	2	7	
Worker Trips			15
Vendor Trips			2
Hauling Trips			0
Architectural Coating			
Air Compressors	1	6	
Worker Trips			5
Vendor Trips			0
Hauling Trips			0

Water Truck Vendor Trip Calculation

Amount of Water (gal/acre/day)[1]	Water Truck Capacity (gallons)[2]
10,000	4,000

Notes:

[1] Based on data provided in Guidance for Application for Dust Control Permit

Maricopa County Air Quality Department. 2005, June. Guidance for Application of Dust Control Permit. https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)

[2] Based on standard water truck capacity:

McLellan Industries. 2025, January (access). Water Trucks. https://www.mclellanindustries.com/trucks/water-trucks/

[3] Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

CalEEMod Inputs- Paradise High School Expansion Project, Operation

Name:	Paradise High School Expansion Project
Project Number:	PRSD-09
Project Location:	5911 Maxwell Dr, Paradise, CA 95969
County:	Butte
Climate Zone:	3
Land Use Setting:	Rural
Gas Utility Company:	Pacific Gas & Electric Company
Electric Utility Company:	Pacific Gas & Electric Company
Air Basin:	Sacramento Valley
Air District:	Butte County AQMD

Disturbed Site Acreage: 7.31

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped SQFT
Educational	High School	1.728	1000 SQFT	1.54	1,728	65,227
Parking	Other Non-Asphalt Surface	107.285	1000 SQFT	2.46	107,285	
Parking	Other Asphalt Surfaces	58.370	1000 SQFT	1.34	58,370	
Parking	Parking Lot	85.870	1000 SQFT	1.97	85,870	
				7.31		

Project Trips: The proposed project would increase school enrollment or not result in new events at the project site and therefore would result in no increase in trips. No mobile emissions are calculated.

Water Use: The proposed project would not result in an increase in spectators or student enrollment at Paradise HS. Therefore the increase in water use at the project site would be negligible. Therefore, emissions sources associated with water use are not modeled.

Solid Waste: The proposed project would not result in an increase in spectators or student enrollment at Paradise HS. Therefore the increase in solid waste generation at the project site would be negligible.Therefore, emissions sources associated with solid waste are not modeled.

Electricity (Buildings)

Land Use Subtype	Total Annual Electricity Consumption (kWh/year)	Total Annual Natural Gas Consumption (kBTU/year)	Title-24 Electricity Energy Intensity (kWhr/size/year)*	Title-24 Natural Gas Energy Intensity (KBTU/size/year)*	Nontitle-24 Electricity Energy Intensity (kWhr/size/year)	Nontitle-24 Natural Gas Energy Intensity (KBTU/size/year)
High School	0.00	0.00	**0.00**	**0.00**	0.00	0.00
Parking Lot	75,222.12		**75,222.12**			

Notes:

The proposed agricultural building would not consume natural gas energy or electricity from the grid. Electricity would only be used for parking lot lighting therefore the default energy for the agricultural building is removed from the model. The CalEEMod default for the parking lot land use is retained.

Architectural Coating (see Construction Inputs page)

Pacific Gas & Electric Company[1]

Forecasted Year 2031

CO_2: 203.98 pounds per megawatt hour

CH_4:	0.033	pound per megawatt hour
N_2O:	0.004	pound per megawatt hour

Notes:

[1] CalEEMod default values.

Paradise High School Expansion Project (Phase 1, Construction of Ag Building) Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Paradise High School Expansion Project (Phase 1, Construction of Ag Building)
Construction Start Date	12/21/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.90000
Precipitation (days)	36.4000
Location	5911 Maxwell Dr, Paradise, CA 95969, USA
County	Butte
City	Paradise
Air District	Butte County AQMD
Air Basin	Sacramento Valley
TAZ	217
EDFZ	3
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.38

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
High School	1.72800	1000sqft	0.22000	1,728.00	7,728.00	7,728.00	—	—
Other Non-Asphalt Surfaces	48.9140	1000sqft	1.12291	0.00000	0.00000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.17187	0.97543	8.27785	9.95576	0.01952	0.26152	0.00906	0.27057	0.24061	0.00228	0.24289	—	1,820.83	1,820.83	0.07349	0.01690	0.05141	1,827.76
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.98386	2.95970	17.4933	15.4648	0.05614	0.59315	4.28055	4.85858	0.55004	1.62096	2.16117	—	7,466.77	7,466.77	0.12995	0.85281	0.28434	7,724.45
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.80837	0.68592	5.26930	6.27127	0.01248	0.16957	0.10200	0.27157	0.15614	0.03312	0.18926	—	1,212.86	1,212.86	0.04649	0.02329	0.09298	1,221.05
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.14753	0.12518	0.96165	1.14451	0.00228	0.03095	0.01861	0.04956	0.02850	0.00604	0.03454	—	200.802	200.802	0.00770	0.00386	0.01539	202.159

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.17187	0.97543	8.27785	9.95576	0.01952	0.26152	0.00906	0.27057	0.24061	0.00228	0.24289	—	1,820.83	1,820.83	0.07349	0.01690	0.05141	1,827.76
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.75482	1.46790	14.2659	15.4648	0.03024	0.52579	1.18042	1.70621	0.48512	0.20918	0.69430	—	3,515.93	3,515.93	0.11477	0.17126	0.06173	3,569.90
2027	2.98386	2.95970	17.4933	15.2358	0.05614	0.59315	4.28055	4.85858	0.55004	1.62096	2.16117	—	7,466.77	7,466.77	0.12995	0.85281	0.28434	7,724.45
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.03781	0.03164	0.30641	0.33296	0.00065	0.01132	0.02494	0.03626	0.01044	0.00443	0.01488	—	75.7344	75.7344	0.00247	0.00369	0.02208	76.9168
2027	0.80837	0.68592	5.26930	6.27127	0.01248	0.16957	0.10200	0.27157	0.15614	0.03312	0.18926	—	1,212.86	1,212.86	0.04649	0.02329	0.09298	1,221.05
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00690	0.00578	0.05592	0.06077	0.00012	0.00207	0.00455	0.00662	0.00191	0.00081	0.00272	—	12.5387	12.5387	0.00041	0.00061	0.00366	12.7345
2027	0.14753	0.12518	0.96165	1.14451	0.00228	0.03095	0.01861	0.04956	0.02850	0.00604	0.03454	—	200.802	200.802	0.00770	0.00386	0.01539	202.159

2.2.2. Onsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.16707	0.97105	8.25338	9.90715	0.01942	0.26132	0.00000	0.26132	0.24041	0.00000	0.24041	—	1,800.91	1,800.91	0.07305	0.01461	0.00000	1,807.09
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.66030	1.39214	12.9596	14.6284	0.02396	0.50833	0.83888	1.34721	0.46767	0.11920	0.58686	—	2,497.17	2,497.17	0.10126	0.02074	0.00008	2,505.88
2027	2.97934	2.95554	12.4505	14.4475	0.02396	0.53905	3.23023	3.76928	0.49593	1.38283	1.87876	—	2,496.97	2,496.97	0.10126	0.02084	0.00022	2,505.68
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.03574	0.02997	0.27896	0.31489	0.00052	0.01094	0.01773	0.02867	0.01007	0.00253	0.01260	—	53.7546	53.7546	0.00218	0.00045	0.00003	53.9422

2027	0.79940	0.67875	5.14632	6.19207	0.01186	0.16787	0.06912	0.23699	0.15444	0.02444	0.17888	—	1,114.57	1,114.57	0.04521	0.00907	0.00008	1,118.41
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00652	0.00547	0.05091	0.05747	0.00009	0.00200	0.00324	0.00523	0.00184	0.00046	0.00230	—	8.89969	8.89969	0.00036	0.00007	< 0.000005	8.93075
2027	0.14589	0.12387	0.93920	1.13005	0.00216	0.03064	0.01261	0.04325	0.02819	0.00446	0.03265	—	184.531	184.531	0.00748	0.00150	0.00001	185.165

2.2.3. Offsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.00480	0.00438	0.02447	0.04861	0.00010	0.00020	0.00906	0.00925	0.00020	0.00228	0.00248	—	19.9225	19.9225	0.00044	0.00229	0.05141	20.6673
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.09452	0.07576	1.30637	0.83636	0.00629	0.01745	0.34155	0.35900	0.01745	0.08998	0.10744	—	1,018.76	1,018.76	0.01351	0.15053	0.06165	1,064.02
2027	0.21304	0.12769	7.03612	1.79327	0.03704	0.10523	1.53639	1.64162	0.10523	0.41855	0.52378	—	5,397.08	5,397.08	0.04606	0.83538	0.28421	5,647.46
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00207	0.00167	0.02745	0.01807	0.00014	0.00038	0.00721	0.00759	0.00038	0.00190	0.00228	—	21.9798	21.9798	0.00028	0.00324	0.02206	22.9746
2027	0.00897	0.00717	0.12299	0.07920	0.00062	0.00170	0.03287	0.03457	0.00170	0.00868	0.01038	—	98.2807	98.2807	0.00128	0.01422	0.09290	102.644
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.00038	0.00031	0.00501	0.00330	0.00002	0.00007	0.00132	0.00138	0.00007	0.00035	0.00042	—	3.63901	3.63901	0.00005	0.00054	0.00365	3.80370
2027	0.00164	0.00131	0.02244	0.01445	0.00011	0.00031	0.00600	0.00631	0.00031	0.00158	0.00189	—	16.2715	16.2715	0.00021	0.00235	0.01538	16.9939

3. Construction Emissions Details

3.1. Demolition (2026)

3.1.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.65937	1.39140	12.9413	14.6164	0.02393	0.50831	—	0.50831	0.46764	—	0.46764	—	2,493.95	2,493.95	0.10117	0.02023	—	2,502.51
Demolition	—	—	—	—	—	—	0.68670	0.68670	—	0.10399	0.10399	—	—	—	—	—	—	—
Onsite truck	0.00093	0.00074	0.01821	0.01206	0.00003	0.00003	0.15217	0.15220	0.00003	0.01521	0.01524	—	3.22420	3.22420	0.00010	0.00050	0.00008	3.37677
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03572	0.02995	0.27858	0.31464	0.00052	0.01094	—	0.01094	0.01007	—	0.01007	—	53.6858	53.6858	0.00218	0.00044	—	53.8700
Demolition	—	—	—	—	—	—	0.01478	0.01478	—	0.00224	0.00224	—	—	—	—	—	—	—
Onsite truck	0.00002	0.00002	0.00038	0.00025	< 0.000005	< 0.000005	0.00295	0.00295	< 0.000005	0.00029	0.00030	—	0.06887	0.06887	< 0.000005	0.00001	0.00003	0.07219
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00652	0.00547	0.05084	0.05742	0.00009	0.00200	—	0.00200	0.00184	—	0.00184	—	8.88829	8.88829	0.00036	0.00007	—	8.91879
Demolition	—	—	—	—	—	—	0.00270	0.00270	—	0.00041	0.00041	—	—	—	—	—	—	—

Onsite truck	< 0.000005	< 0.000005	0.00007	0.00005	< 0.000005	< 0.000005	0.00054	0.00054	< 0.000005	0.00005	0.00005	—	0.01140	0.01140	< 0.000005	< 0.000005	< 0.000005	0.01195

3.1.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06178	0.05729	0.05186	0.54777	0.00000	0.00000	0.09097	0.09097	0.00000	0.02132	0.02132	—	89.6335	89.6335	0.00615	0.00394	0.00942	90.9709
Vendor	0.00536	0.00410	0.14921	0.06065	0.00060	0.00119	0.02265	0.02384	0.00119	0.00626	0.00745	—	86.8452	86.8452	0.00086	0.01296	0.00557	90.7353
Hauling	0.02737	0.01437	1.10530	0.22794	0.00569	0.01626	0.22793	0.24420	0.01626	0.06240	0.07867	—	842.283	842.283	0.00650	0.13362	0.04667	882.312
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00135	0.00126	0.00103	0.01196	0.00000	0.00000	0.00191	0.00191	0.00000	0.00045	0.00045	—	1.98732	1.98732	0.00012	0.00008	0.00337	2.01898
Vendor	0.00012	0.00009	0.00313	0.00127	0.00001	0.00003	0.00048	0.00050	0.00003	0.00013	0.00016	—	1.86772	1.86772	0.00002	0.00028	0.00200	1.95334
Hauling	0.00061	0.00033	0.02329	0.00484	0.00012	0.00035	0.00482	0.00517	0.00035	0.00132	0.00167	—	18.1248	18.1248	0.00015	0.00288	0.01669	19.0023
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00025	0.00023	0.00019	0.00218	0.00000	0.00000	0.00035	0.00035	0.00000	0.00008	0.00008	—	0.32902	0.32902	0.00002	0.00001	0.00056	0.33427
Vendor	0.00002	0.00002	0.00057	0.00023	< 0.000005	< 0.000005	0.00009	0.00009	< 0.000005	0.00002	0.00003	—	0.30922	0.30922	< 0.000005	0.00005	0.00033	0.32340
Hauling	0.00011	0.00006	0.00425	0.00088	0.00002	0.00006	0.00088	0.00094	0.00006	0.00024	0.00031	—	3.00076	3.00076	0.00002	0.00048	0.00276	3.14604

3.2. Demolition (2027)

3.2.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.60361	1.34471	12.4325	14.4354	0.02393	0.47032	—	0.47032	0.43270	—	0.43270	—	2,493.82	2,493.82	0.10116	0.02023	—	2,502.37
Demolition	—	—	—	—	—	—	0.68670	0.68670	—	0.10399	0.10399	—	—	—	—	—	—	—
Onsite truck	0.00091	0.00074	0.01802	0.01205	0.00003	0.00003	0.15217	0.15220	0.00003	0.01521	0.01524	—	3.15505	3.15505	0.00010	0.00049	0.00007	3.30491
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03766	0.03158	0.29196	0.33899	0.00056	0.01104	—	0.01104	0.01016	—	0.01016	—	58.5632	58.5632	0.00238	0.00048	—	58.7642
Demolition	—	—	—	—	—	—	0.01613	0.01613	—	0.00244	0.00244	—	—	—	—	—	—	—
Onsite truck	0.00002	0.00002	0.00041	0.00028	< 0.000005	< 0.000005	0.00322	0.00322	< 0.000005	0.00032	0.00032	—	0.07350	0.07350	< 0.000005	0.00001	0.00003	0.07705
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00687	0.00576	0.05328	0.06187	0.00010	0.00202	—	0.00202	0.00185	—	0.00185	—	9.69580	9.69580	0.00039	0.00008	—	9.72908
Demolition	—	—	—	—	—	—	0.00294	0.00294	—	0.00045	0.00045	—	—	—	—	—	—	—
Onsite truck	< 0.000005	< 0.000005	0.00007	0.00005	< 0.000005	< 0.000005	0.00059	0.00059	< 0.000005	0.00006	0.00006	—	0.01217	0.01217	< 0.000005	< 0.000005	< 0.000005	0.01276

3.2.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05647	0.05197	0.04847	0.50753	0.00000	0.00000	0.09097	0.09097	0.00000	0.02132	0.02132	—	87.8671	87.8671	0.00587	0.00394	0.00856	89.1968
Vendor	0.00522	0.00410	0.14365	0.05820	0.00060	0.00119	0.02265	0.02384	0.00119	0.00626	0.00745	—	84.9287	84.9287	0.00086	0.01237	0.00501	88.6408
Hauling	0.02710	0.01437	1.07115	0.22252	0.00569	0.01626	0.22793	0.24420	0.01626	0.06240	0.07867	—	821.479	821.479	0.00650	0.12820	0.04279	859.888
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00134	0.00124	0.00097	0.01216	0.00000	0.00000	0.00209	0.00209	0.00000	0.00049	0.00049	—	2.12527	2.12527	0.00013	0.00009	0.00336	2.15949
Vendor	0.00013	0.00010	0.00328	0.00133	0.00001	0.00003	0.00052	0.00055	0.00003	0.00014	0.00017	—	1.99242	1.99242	0.00002	0.00029	0.00196	2.08144
Hauling	0.00066	0.00036	0.02461	0.00516	0.00013	0.00038	0.00526	0.00564	0.00038	0.00144	0.00182	—	19.2839	19.2839	0.00015	0.00301	0.01671	20.2016
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00024	0.00023	0.00018	0.00222	0.00000	0.00000	0.00038	0.00038	0.00000	0.00009	0.00009	—	0.35186	0.35186	0.00002	0.00002	0.00056	0.35753
Vendor	0.00002	0.00002	0.00060	0.00024	< 0.000005	0.00001	0.00010	0.00010	0.00001	0.00003	0.00003	—	0.32987	0.32987	< 0.000005	0.00005	0.00032	0.34461
Hauling	0.00012	0.00007	0.00449	0.00094	0.00002	0.00007	0.00096	0.00103	0.00007	0.00026	0.00033	—	3.19266	3.19266	0.00003	0.00050	0.00277	3.34460

3.3. Site Preparation (2027)

3.3.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.41617	1.18998	10.4379	11.5743	0.01907	0.47275	—	0.47275	0.43493	—	0.43493	—	2,065.36	2,065.36	0.08378	0.01676	—	2,072.45
Dust From Material Movement	—	—	—	—	—	—	2.45837	2.45837	—	1.17384	1.17384	—	—	—	—	—	—	—
Onsite truck	0.00093	0.00074	0.01929	0.01216	0.00004	0.00005	0.28579	0.28584	0.00005	0.02857	0.02862	—	4.32498	4.32498	0.00011	0.00068	0.00013	4.52950
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00776	0.00652	0.05719	0.06342	0.00010	0.00259	—	0.00259	0.00238	—	0.00238	—	11.3171	11.3171	0.00046	0.00009	—	11.3559
Dust From Material Movement	—	—	—	—	—	—	0.01347	0.01347	—	0.00643	0.00643	—	—	—	—	—	—	—
Onsite truck	0.00001	< 0.000005	0.00010	0.00007	< 0.000005	< 0.000005	0.00141	0.00141	< 0.000005	0.00014	0.00014	—	0.02356	0.02356	< 0.000005	< 0.000005	0.00001	0.02469
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00142	0.00119	0.01044	0.01157	0.00002	0.00047	—	0.00047	0.00043	—	0.00043	—	1.87367	1.87367	0.00008	0.00002	—	1.88010
Dust From Material Movement	—	—	—	—	—	—	0.00246	0.00246	—	0.00117	0.00117	—	—	—	—	—	—	—
Onsite truck	< 0.000005	< 0.000005	0.00002	0.00001	< 0.000005	< 0.000005	0.00026	0.00026	< 0.000005	0.00003	0.00003	—	0.00390	0.00390	< 0.000005	< 0.000005	< 0.000005	0.00409

3.3.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03388	0.03118	0.02908	0.30452	0.00000	0.00000	0.05458	0.05458	0.00000	0.01279	0.01279	—	52.7203	52.7203	0.00352	0.00236	0.00514	53.5181
Vendor	0.00610	0.00478	0.16760	0.06790	0.00069	0.00139	0.02642	0.02781	0.00139	0.00730	0.00869	—	99.0835	99.0835	0.00100	0.01443	0.00585	103.414
Hauling	0.17306	0.09172	6.83944	1.42085	0.03634	0.10384	1.45539	1.55923	0.10384	0.39846	0.50230	—	5,245.28	5,245.28	0.04154	0.81859	0.27322	5,490.53
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00019	0.00017	0.00014	0.00170	0.00000	0.00000	0.00029	0.00029	0.00000	0.00007	0.00007	—	0.29754	0.29754	0.00002	0.00001	0.00047	0.30233
Vendor	0.00003	0.00003	0.00089	0.00036	< 0.000005	0.00001	0.00014	0.00015	0.00001	0.00004	0.00005	—	0.54238	0.54238	0.00001	0.00008	0.00053	0.56661
Hauling	0.00099	0.00053	0.03666	0.00768	0.00020	0.00057	0.00783	0.00840	0.00057	0.00215	0.00272	—	28.7305	28.7305	0.00023	0.00449	0.02490	30.0977
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00003	0.00003	0.00002	0.00031	0.00000	0.00000	0.00005	0.00005	0.00000	0.00001	0.00001	—	0.04926	0.04926	< 0.000005	< 0.000005	0.00008	0.05005
Vendor	0.00001	< 0.000005	0.00016	0.00007	< 0.000005	< 0.000005	0.00003	0.00003	< 0.000005	0.00001	0.00001	—	0.08980	0.08980	< 0.000005	0.00001	0.00009	0.09381
Hauling	0.00018	0.00010	0.00669	0.00140	0.00004	0.00010	0.00143	0.00153	0.00010	0.00039	0.00050	—	4.75666	4.75666	0.00004	0.00074	0.00412	4.98302

3.4. Grading (2027)

3.4.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.63491	1.37378	12.1813	13.8677	0.02267	0.53897	—	0.53897	0.49585	—	0.49585	—	2,455.46	2,455.46	0.09960	0.01992	—	2,463.88
Dust From Material Movement	—	—	—	—	—	—	2.77000	2.77000	—	1.33683	1.33683	—	—	—	—	—	—	—
Onsite truck	0.00096	0.00075	0.02095	0.01231	0.00005	0.00008	0.46023	0.46031	0.00008	0.04600	0.04608	—	5.85239	5.85239	0.00012	0.00092	0.00022	6.12828
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01792	0.01506	0.13349	0.15197	0.00025	0.00591	—	0.00591	0.00543	—	0.00543	—	26.9091	26.9091	0.00109	0.00022	—	27.0015
Dust From Material Movement	—	—	—	—	—	—	0.03036	0.03036	—	0.01465	0.01465	—	—	—	—	—	—	—
Onsite truck	0.00001	0.00001	0.00022	0.00013	< 0.000005	< 0.000005	0.00454	0.00454	< 0.000005	0.00045	0.00045	—	0.06386	0.06386	< 0.000005	0.00001	0.00004	0.06692
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00327	0.00275	0.02436	0.02774	0.00005	0.00108	—	0.00108	0.00099	—	0.00099	—	4.45511	4.45511	0.00018	0.00004	—	4.47040
Dust From Material Movement	—	—	—	—	—	—	0.00554	0.00554	—	0.00267	0.00267	—	—	—	—	—	—	—
Onsite truck	< 0.000005	< 0.000005	0.00004	0.00002	< 0.000005	< 0.000005	0.00083	0.00083	< 0.000005	0.00008	0.00008	—	0.01057	0.01057	< 0.000005	< 0.000005	0.00001	0.01108

3.4.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04517	0.04158	0.03878	0.40603	0.00000	0.00000	0.07277	0.07277	0.00000	0.01706	0.01706	—	70.2937	70.2937	0.00470	0.00315	0.00685	71.3574
Vendor	0.00958	0.00752	0.26336	0.10670	0.00109	0.00218	0.04152	0.04370	0.00218	0.01147	0.01365	—	155.703	155.703	0.00158	0.02267	0.00919	162.508
Hauling	0.08653	0.04586	3.41972	0.71042	0.01817	0.05192	0.72769	0.77961	0.05192	0.19923	0.25115	—	2,622.64	2,622.64	0.02077	0.40929	0.13661	2,745.27
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00050	0.00046	0.00036	0.00454	0.00000	0.00000	0.00078	0.00078	0.00000	0.00018	0.00018	—	0.79344	0.79344	0.00005	0.00003	0.00125	0.80621
Vendor	0.00011	0.00009	0.00281	0.00113	0.00001	0.00002	0.00045	0.00047	0.00002	0.00012	0.00015	—	1.70463	1.70463	0.00002	0.00025	0.00168	1.78079
Hauling	0.00099	0.00053	0.03666	0.00768	0.00020	0.00057	0.00783	0.00840	0.00057	0.00215	0.00272	—	28.7305	28.7305	0.00023	0.00449	0.02490	30.0977
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00009	0.00008	0.00007	0.00083	0.00000	0.00000	0.00014	0.00014	0.00000	0.00003	0.00003	—	0.13136	0.13136	0.00001	0.00001	0.00021	0.13348
Vendor	0.00002	0.00002	0.00051	0.00021	< 0.000005	< 0.000005	0.00008	0.00009	< 0.000005	0.00002	0.00003	—	0.28222	0.28222	< 0.000005	0.00004	0.00028	0.29483
Hauling	0.00018	0.00010	0.00669	0.00140	0.00004	0.00010	0.00143	0.00153	0.00010	0.00039	0.00050	—	4.75666	4.75666	0.00004	0.00074	0.00412	4.98302

3.5. Building Construction (2027)

3.5.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16707	0.97105	8.25338	9.90715	0.01942	0.26132	—	0.26132	0.24041	—	0.24041	—	1,800.91	1,800.91	0.07305	0.01461	—	1,807.09

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16707	0.97105	8.25338	9.90715	0.01942	0.26132	—	0.26132	0.24041	—	0.24041	—	1,800.91	1,800.91	0.07305	0.01461	—	1,807.09
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63949	0.53208	4.52240	5.42858	0.01064	0.14319	—	0.14319	0.13173	—	0.13173	—	986.801	986.801	0.04003	0.00801	—	990.188
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11671	0.09710	0.82534	0.99072	0.00194	0.02613	—	0.02613	0.02404	—	0.02404	—	163.376	163.376	0.00663	0.00133	—	163.937
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00386	0.00363	0.00219	0.03930	0.00000	0.00000	0.00528	0.00528	0.00000	0.00124	0.00124	—	5.79195	5.79195	0.00029	0.00023	0.01921	5.88666
Vendor	0.00094	0.00075	0.02228	0.00931	0.00010	0.00020	0.00377	0.00397	0.00020	0.00104	0.00124	—	14.1306	14.1306	0.00014	0.00206	0.03220	14.7806

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00328	0.00302	0.00281	0.02947	0.00000	0.00000	0.00528	0.00528	0.00000	0.00124	0.00124	—	5.10164	5.10164	0.00034	0.00023	0.00050	5.17884
Vendor	0.00087	0.00068	0.02394	0.00970	0.00010	0.00020	0.00377	0.00397	0.00020	0.00104	0.00124	—	14.1548	14.1548	0.00014	0.00206	0.00084	14.7735
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00181	0.00168	0.00132	0.01647	0.00000	0.00000	0.00283	0.00283	0.00000	0.00066	0.00066	—	2.87922	2.87922	0.00018	0.00013	0.00455	2.92557
Vendor	0.00049	0.00039	0.01277	0.00516	0.00005	0.00011	0.00203	0.00214	0.00011	0.00056	0.00067	—	7.74831	7.74831	0.00008	0.00113	0.00762	8.09448
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00033	0.00031	0.00024	0.00301	0.00000	0.00000	0.00052	0.00052	0.00000	0.00012	0.00012	—	0.47669	0.47669	0.00003	0.00002	0.00075	0.48436
Vendor	0.00009	0.00007	0.00233	0.00094	0.00001	0.00002	0.00037	0.00039	0.00002	0.00010	0.00012	—	1.28282	1.28282	0.00001	0.00019	0.00126	1.34013
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Paving (2027)

3.6.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54404	0.45646	4.29849	6.48965	0.00940	0.16865	—	0.16865	0.15516	—	0.15516	—	991.534	991.534	0.04022	0.00804	—	994.937

Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01491	0.01251	0.11777	0.17780	0.00026	0.00462	—	0.00462	0.00425	—	0.00425	—	27.1653	27.1653	0.00110	0.00022	—	27.2585
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00272	0.00228	0.02149	0.03245	0.00005	0.00084	—	0.00084	0.00078	—	0.00078	—	4.49753	4.49753	0.00018	0.00004	—	4.51296
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05647	0.05197	0.04847	0.50753	0.00000	0.00000	0.09097	0.09097	0.00000	0.02132	0.02132	—	87.8671	87.8671	0.00587	0.00394	0.00856	89.1968
Vendor	0.00174	0.00137	0.04788	0.01940	0.00020	0.00040	0.00755	0.00795	0.00040	0.00209	0.00248	—	28.3096	28.3096	0.00029	0.00412	0.00167	29.5469
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00156	0.00145	0.00113	0.01418	0.00000	0.00000	0.00243	0.00243	0.00000	0.00057	0.00057	—	2.47948	2.47948	0.00015	0.00011	0.00391	2.51940
Vendor	0.00005	0.00004	0.00128	0.00052	0.00001	0.00001	0.00020	0.00021	0.00001	0.00006	0.00007	—	0.77483	0.77483	0.00001	0.00011	0.00076	0.80945
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00029	0.00026	0.00021	0.00259	0.00000	0.00000	0.00044	0.00044	0.00000	0.00010	0.00010	—	0.41051	0.41051	0.00003	0.00002	0.00065	0.41712
Vendor	0.00001	0.00001	0.00023	0.00009	< 0.000005	< 0.000005	0.00004	0.00004	< 0.000005	0.00001	0.00001	—	0.12828	0.12828	< 0.000005	0.00002	0.00013	0.13401
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7. Architectural Coating (2027)

3.7.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13715	0.11335	0.83116	1.12539	0.00173	0.01905	—	0.01905	0.01752	—	0.01752	—	133.513	133.513	0.00542	0.00108	—	133.971
Architectural Coatings	2.84219	2.84219	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.00376	0.00311	0.02277	0.03083	0.00005	0.00052	—	0.00052	0.00048	—	0.00048	—	3.65788	3.65788	0.00015	0.00003	—	3.67044
Architectural Coatings	0.07787	0.07787	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00069	0.00057	0.00416	0.00563	0.00001	0.00010	—	0.00010	0.00009	—	0.00009	—	0.60560	0.60560	0.00002	< 0.000005	—	0.60768
Architectural Coatings	0.01421	0.01421	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00452	0.00416	0.00388	0.04060	0.00000	0.00000	0.00728	0.00728	0.00000	0.00171	0.00171	—	7.02937	7.02937	0.00047	0.00032	0.00069	7.13574
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00012	0.00012	0.00009	0.00113	0.00000	0.00000	0.00019	0.00019	0.00000	0.00005	0.00005	—	0.19836	0.19836	0.00001	0.00001	0.00031	0.20155
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00002	0.00002	0.00002	0.00021	0.00000	0.00000	0.00004	0.00004	0.00000	0.00001	0.00001	—	0.03284	0.03284	< 0.000005	< 0.000005	0.00005	0.03337
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	12/21/2026	1/12/2027	5.00000	17.0000	—
Site Preparation	Site Preparation	1/13/2027	1/14/2027	5.00000	2.00000	—
Grading	Grading	1/22/2027	1/27/2027	5.00000	4.00000	—
Building Construction	Building Construction	1/28/2027	11/4/2027	5.00000	200.000	—
Paving	Paving	11/5/2027	11/19/2027	5.00000	10.00000	—
Architectural Coating	Architectural Coating	11/20/2027	12/4/2027	5.00000	10.00000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.000000	8.00000	33.0000	0.73000
Demolition	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Demolition	Tractors/Loaders/Back hoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000

Site Preparation	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Site Preparation	Rubber Tired Dozers	Diesel	Average	1.000000	7.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	1.000000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Grading	Tractors/Loaders/Back hoes	Diesel	Average	2.00000	7.00000	84.0000	0.37000
Building Construction	Cranes	Diesel	Average	1.000000	6.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Average	1.000000	6.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.000000	6.00000	84.0000	0.37000
Building Construction	Welders	Diesel	Average	3.00000	8.00000	46.0000	0.45000
Paving	Cement and Mortar Mixers	Diesel	Average	1.000000	6.00000	10.00000	0.56000
Paving	Pavers	Diesel	Average	1.000000	6.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	1.000000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	1.000000	7.00000	36.0000	0.38000
Paving	Tractors/Loaders/Back hoes	Diesel	Average	1.000000	8.00000	84.0000	0.37000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	12.5000	10.3000	LDA,LDT1,LDT2
Demolition	Vendor	6.00000	4.50000	HHDT,MHDT
Demolition	Hauling	12.2941	20.0000	HHDT

Demolition	Onsite truck	1.000000	0.41000	HHDT
Site Preparation	Worker	7.50000	10.3000	LDA,LDT1,LDT2
Site Preparation	Vendor	7.00000	4.50000	HHDT,MHDT
Site Preparation	Hauling	78.5000	20.0000	HHDT
Site Preparation	Onsite truck	1.000000	0.77000	HHDT
Grading	Worker	10.00000	10.3000	LDA,LDT1,LDT2
Grading	Vendor	11.0000	4.50000	HHDT,MHDT
Grading	Hauling	39.2500	20.0000	HHDT
Grading	Onsite truck	1.000000	1.24000	HHDT
Building Construction	Worker	0.72576	10.3000	LDA,LDT1,LDT2
Building Construction	Vendor	1.000000	4.50000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Paving	Worker	12.5000	10.3000	LDA,LDT1,LDT2
Paving	Vendor	2.00000	4.50000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	1.000000	10.3000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	4.50000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00000	0.00000	2,592.00	864.000	2,934.84

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00000	0.00000	0.00000	834.000	0.00000
Site Preparation	—	1,250.00	1.87500	0.00000	0.00000
Grading	—	1,250.00	4.00000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	1.12291

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	High School	0.00000	0%
Paving	Other Non-Asphalt Surfaces	1.12291	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00000	203.983	0.03300	0.00400
2027	0.00000	203.983	0.03300	0.00400

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Lot acreage updated to incorporate acreage of landscaping
Construction: Construction Phases	Schedule adjusted to match timeframe for construction activities provided by District
Construction: Trips and VMT	Adjustments made to round up trips.

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	0.03967	0.22000
Landscape Area	sq. ft	—	7,728.00

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Demolition	Demolition	End Date	1/18/2027	1/12/2027
Demolition	Demolition	Work Days per Phase	20.0000	17.0000
Site Preparation	Site Preparation	Start Date	1/19/2027	1/13/2027

Site Preparation	Site Preparation	End Date	1/21/2027	1/14/2027

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Building Construction	Vendor	One-Way Trips per Day	0.28322	1.000000
Architectural Coating	Worker	One-Way Trips per Day	0.14515	1.000000

Paradise High School Expansion Project (Phase 2, Construction) Custom Report

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3.4.1. Onsite - Unmitigated

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3.6.1. Onsite - Unmitigated

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Paradise High School Expansion Project (Phase 2, Construction)
Construction Start Date	1/2/2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.90000
Precipitation (days)	36.4000
Location	5911 Maxwell Dr, Paradise, CA 95969, USA
County	Butte
City	Paradise
Air District	Butte County AQMD
Air Basin	Sacramento Valley
TAZ	217
EDFZ	3
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.38

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Other Non-Asphalt Surfaces	58.3700	1000sqft	2.66000	58,370.0	57,499.0	—	—	—

Other Asphalt Surfaces	58.3700	1000sqft	1.33999	0.00000	0.00000	—	—	—
Parking Lot	85.8700	1000sqft	1.97130	0.00000	0.00000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.23957	1.04699	8.63642	14.0313	0.02434	0.26202	0.21452	0.47653	0.24121	0.05180	0.29300	—	2,705.83	2,705.83	0.10238	0.04540	0.68857	2,722.61
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.52174	6.50054	27.0832	29.4856	0.05894	1.09332	9.26482	10.3581	1.00802	4.18590	5.19392	—	6,742.34	6,742.34	0.23039	0.25350	0.06522	6,823.71
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.25431	1.10632	6.90422	9.97348	0.01786	0.22880	0.57651	0.80531	0.21075	0.21014	0.42089	—	1,992.52	1,992.52	0.07394	0.04501	0.25225	2,008.04
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.22891	0.20190	1.26002	1.82016	0.00326	0.04176	0.10521	0.14697	0.03846	0.03835	0.07681	—	329.885	329.885	0.01224	0.00745	0.04176	332.454

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	1.23957	1.04699	8.63642	14.0313	0.02434	0.26202	0.21452	0.47653	0.24121	0.05180	0.29300	—	2,705.83	2,705.83	0.10238	0.04540	0.68857	2,722.61
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	6.52174	6.50054	27.0832	29.4856	0.05894	1.09332	9.26482	10.3581	1.00802	4.18590	5.19392	—	6,742.34	6,742.34	0.23039	0.25350	0.06522	6,823.71
2031	6.51693	6.49535	0.78938	1.25027	0.00173	0.00943	0.03568	0.04511	0.00867	0.00836	0.01704	—	165.559	165.559	0.00639	0.00263	0.00221	166.504
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	1.25431	1.10632	6.90422	9.97348	0.01786	0.22880	0.57651	0.80531	0.21075	0.21014	0.42089	—	1,992.52	1,992.52	0.07394	0.04501	0.25225	2,008.04
2031	0.01275	0.01271	0.00154	0.00245	< 0.000005	0.00002	0.00007	0.00009	0.00002	0.00002	0.00003	—	0.32586	0.32586	0.00001	< 0.000005	0.00007	0.32770
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.22891	0.20190	1.26002	1.82016	0.00326	0.04176	0.10521	0.14697	0.03846	0.03835	0.07681	—	329.885	329.885	0.01224	0.00745	0.04176	332.454
2031	0.00233	0.00232	0.00028	0.00045	< 0.000005	< 0.000005	0.00001	0.00002	< 0.000005	< 0.000005	0.00001	—	0.05395	0.05395	< 0.000005	< 0.000005	0.00001	0.05426

2.2.2. Onsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	1.12372	0.94034	8.39196	12.8848	0.02340	0.26012	0.00000	0.26012	0.23931	0.00000	0.23931	—	2,396.83	2,396.83	0.09723	0.01945	0.00000	2,405.06
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	6.50352	6.48286	25.2345	28.4446	0.04897	1.06648	8.74232	9.80880	0.98117	4.04769	5.02887	—	5,306.04	5,306.04	0.21497	0.04457	0.00037	5,324.69

2031	6.49989	6.47986	0.77690	1.10346	0.00173	0.00943	0.00000	0.00943	0.00867	0.00000	0.00867	—	133.518	133.518	0.00542	0.00108	0.00000	133.976
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	1.19027	1.04569	6.61841	9.39214	0.01654	0.22560	0.41863	0.64423	0.20755	0.17110	0.37866	—	1,715.59	1,715.59	0.06957	0.01404	0.00044	1,721.52
2031	0.01272	0.01268	0.00152	0.00216	< 0.000005	0.00002	0.00000	0.00002	0.00002	0.00000	0.00002	—	0.26129	0.26129	0.00001	< 0.000005	0.00000	0.26218
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.21722	0.19084	1.20786	1.71407	0.00302	0.04117	0.07640	0.11757	0.03788	0.03123	0.06910	—	284.036	284.036	0.01152	0.00232	0.00007	285.017
2031	0.00232	0.00231	0.00028	0.00039	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	—	0.04326	0.04326	< 0.000005	< 0.000005	0.00000	0.04341

2.2.3. Offsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.11584	0.10665	0.24446	1.14658	0.00095	0.00190	0.21452	0.21642	0.00190	0.05180	0.05369	—	308.994	308.994	0.00515	0.02596	0.68857	317.547
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.11006	0.09460	1.84876	1.04102	0.00996	0.02684	0.52249	0.54934	0.02684	0.13821	0.16506	—	1,436.31	1,436.31	0.01543	0.20894	0.06485	1,499.02
2031	0.01704	0.01549	0.01247	0.14680	0.00000	0.00000	0.03568	0.03568	0.00000	0.00836	0.00836	—	32.0413	32.0413	0.00097	0.00155	0.00221	32.5285
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.06405	0.06063	0.28581	0.58133	0.00132	0.00320	0.15788	0.16108	0.00320	0.03904	0.04224	—	276.932	276.932	0.00437	0.03097	0.25181	286.523
2031	0.00003	0.00003	0.00002	0.00029	0.00000	0.00000	0.00007	0.00007	0.00000	0.00002	0.00002	—	0.06457	0.06457	< 0.000005	< 0.000005	0.00007	0.06552
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.01169	0.01107	0.05216	0.10609	0.00024	0.00058	0.02881	0.02940	0.00058	0.00712	0.00771	—	45.8493	45.8493	0.00072	0.00513	0.04169	47.4371
2031	0.00001	0.00001	< 0.000005	0.00005	0.00000	0.00000	0.00001	0.00001	0.00000	< 0.000005	< 0.000005	—	0.01069	0.01069	< 0.000005	< 0.000005	0.00001	0.01085

3. Construction Emissions Details

3.1. Demolition (2030)

3.1.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48435	2.08511	18.1258	18.6740	0.03253	0.71801	—	0.71801	0.66057	—	0.66057	—	3,426.32	3,426.32	0.13899	0.02780	—	3,438.08
Demolition	—	—	—	—	—	—	0.68670	0.68670	—	0.10399	0.10399	—	—	—	—	—	—	—
Onsite truck	0.00092	0.00075	0.01870	0.01217	0.00004	0.00005	0.30806	0.30811	0.00005	0.03079	0.03085	—	4.21349	4.21349	0.00011	0.00065	0.00011	4.40961
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11571	0.09711	0.84422	0.86975	0.00151	0.03344	—	0.03344	0.03077	—	0.03077	—	159.582	159.582	0.00647	0.00129	—	160.130
Demolition	—	—	—	—	—	—	0.03198	0.03198	—	0.00484	0.00484	—	—	—	—	—	—	—
Onsite truck	0.00005	0.00004	0.00084	0.00056	< 0.000005	< 0.000005	0.01292	0.01292	< 0.000005	0.00129	0.00129	—	0.19506	0.19506	< 0.000005	0.00003	0.00008	0.20428
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.02112	0.01772	0.15407	0.15873	0.00028	0.00610	—	0.00610	0.00561	—	0.00561	—	26.4207	26.4207	0.00107	0.00021	—	26.5113
Demolition	—	—	—	—	—	—	0.00584	0.00584	—	0.00088	0.00088	—	—	—	—	—	—	—
Onsite truck	0.00001	0.00001	0.00015	0.00010	< 0.000005	< 0.000005	0.00236	0.00236	< 0.000005	0.00024	0.00024	—	0.03229	0.03229	< 0.000005	0.00001	0.00001	0.03382

3.1.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05575	0.05410	0.04223	0.48893	0.00000	0.00000	0.10916	0.10916	0.00000	0.02559	0.02559	—	99.6828	99.6828	0.00298	0.00473	0.00755	101.174
Vendor	0.00600	0.00467	0.17020	0.07152	0.00079	0.00159	0.03020	0.03178	0.00159	0.00834	0.00993	—	104.040	104.040	0.00115	0.01570	0.00461	108.751
Hauling	0.02168	0.01437	0.98333	0.21195	0.00569	0.01626	0.22793	0.24420	0.01626	0.06240	0.07867	—	756.146	756.146	0.00650	0.11709	0.03178	791.233
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00260	0.00254	0.00175	0.02309	0.00000	0.00000	0.00497	0.00497	0.00000	0.00116	0.00116	—	4.78150	4.78150	0.00012	0.00020	0.00588	4.85150
Vendor	0.00030	0.00023	0.00772	0.00324	0.00004	0.00007	0.00138	0.00145	0.00007	0.00038	0.00046	—	4.84005	4.84005	0.00005	0.00073	0.00357	5.06282
Hauling	0.00105	0.00071	0.04470	0.00975	0.00027	0.00076	0.01043	0.01118	0.00076	0.00286	0.00362	—	35.2032	35.2032	0.00030	0.00545	0.02462	36.8606
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00047	0.00046	0.00032	0.00421	0.00000	0.00000	0.00091	0.00091	0.00000	0.00021	0.00021	—	0.79163	0.79163	0.00002	0.00003	0.00097	0.80322
Vendor	0.00005	0.00004	0.00141	0.00059	0.00001	0.00001	0.00025	0.00027	0.00001	0.00007	0.00008	—	0.80133	0.80133	0.00001	0.00012	0.00059	0.83821
Hauling	0.00019	0.00013	0.00816	0.00178	0.00005	0.00014	0.00190	0.00204	0.00014	0.00052	0.00066	—	5.82830	5.82830	0.00005	0.00090	0.00408	6.10268

3.2. Site Preparation (2030)

3.2.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.47350	2.91871	25.2092	28.4319	0.04889	1.06629	—	1.06629	0.98098	—	0.98098	—	5,295.67	5,295.67	0.21482	0.04296	—	5,313.84
Dust From Material Movement	—	—	—	—	—	—	7.66970	7.66970	—	3.94048	3.94048	—	—	—	—	—	—	—
Onsite truck	0.00101	0.00079	0.02529	0.01271	0.00009	0.00019	1.07263	1.07282	0.00019	0.10721	0.10740	—	10.3700	10.3700	0.00015	0.00160	0.00037	10.8517
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08565	0.07197	0.62160	0.70106	0.00121	0.02629	—	0.02629	0.02419	—	0.02419	—	130.578	130.578	0.00530	0.00106	—	131.026
Dust From Material Movement	—	—	—	—	—	—	0.18912	0.18912	—	0.09716	0.09716	—	—	—	—	—	—	—
Onsite truck	0.00003	0.00002	0.00060	0.00031	< 0.000005	< 0.000005	0.02381	0.02382	< 0.000005	0.00238	0.00239	—	0.25507	0.25507	< 0.000005	0.00004	0.00015	0.26709
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01563	0.01313	0.11344	0.12794	0.00022	0.00480	—	0.00480	0.00441	—	0.00441	—	21.6187	21.6187	0.00088	0.00018	—	21.6929

Dust From Material Movement	—	—	—	—	—	—	0.03451	0.03451	—	0.01773	0.01773	—	—	—	—	—	—	—
Onsite truck	< 0.000005	< 0.000005	0.00011	0.00006	< 0.000005	< 0.000005	0.00435	0.00435	< 0.000005	0.00043	0.00044	—	0.04223	0.04223	< 0.000005	0.00001	0.00003	0.04422

3.2.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06505	0.06312	0.04927	0.57042	0.00000	0.00000	0.12735	0.12735	0.00000	0.02985	0.02985	—	116.297	116.297	0.00347	0.00552	0.00881	118.036
Vendor	0.01424	0.01110	0.40422	0.16986	0.00188	0.00377	0.07172	0.07549	0.00377	0.01981	0.02358	—	247.095	247.095	0.00272	0.03728	0.01094	258.284
Hauling	0.03077	0.02038	1.39527	0.30074	0.00808	0.02308	0.32342	0.34649	0.02308	0.08855	0.11162	—	1,072.92	1,072.92	0.00923	0.16614	0.04510	1,122.70
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00160	0.00157	0.00108	0.01426	0.00000	0.00000	0.00307	0.00307	0.00000	0.00072	0.00072	—	2.95328	2.95328	0.00008	0.00013	0.00363	2.99652
Vendor	0.00037	0.00028	0.00971	0.00407	0.00005	0.00009	0.00173	0.00183	0.00009	0.00048	0.00057	—	6.08565	6.08565	0.00007	0.00092	0.00449	6.36575
Hauling	0.00079	0.00053	0.03358	0.00732	0.00020	0.00057	0.00783	0.00840	0.00057	0.00215	0.00272	—	26.4445	26.4445	0.00023	0.00410	0.01850	27.6895
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00029	0.00029	0.00020	0.00260	0.00000	0.00000	0.00056	0.00056	0.00000	0.00013	0.00013	—	0.48895	0.48895	0.00001	0.00002	0.00060	0.49611
Vendor	0.00007	0.00005	0.00177	0.00074	0.00001	0.00002	0.00032	0.00033	0.00002	0.00009	0.00010	—	1.00755	1.00755	0.00001	0.00015	0.00074	1.05392
Hauling	0.00014	0.00010	0.00613	0.00134	0.00004	0.00010	0.00143	0.00153	0.00010	0.00039	0.00050	—	4.37819	4.37819	0.00004	0.00068	0.00306	4.58431

3.3. Grading (2030)

3.3.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.75769	1.47695	12.6160	17.3443	0.02732	0.51272	—	0.51272	0.47171	—	0.47171	—	2,958.97	2,958.97	0.12003	0.02401	—	2,969.13
Dust From Material Movement	—	—	—	—	—	—	2.76404	2.76404	—	1.33592	1.33592	—	—	—	—	—	—	—
Onsite truck	0.00097	0.00077	0.02263	0.01249	0.00007	0.00014	0.76457	0.76471	0.00014	0.07642	0.07656	—	7.88945	7.88945	0.00013	0.00122	0.00027	8.25611
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08186	0.06879	0.58759	0.80782	0.00127	0.02388	—	0.02388	0.02197	—	0.02197	—	137.815	137.815	0.00559	0.00112	—	138.288
Dust From Material Movement	—	—	—	—	—	—	0.12874	0.12874	—	0.06222	0.06222	—	—	—	—	—	—	—
Onsite truck	0.00005	0.00004	0.00102	0.00057	< 0.000005	0.00001	0.03206	0.03207	0.00001	0.00321	0.00321	—	0.36627	0.36627	0.00001	0.00006	0.00021	0.38354
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01494	0.01255	0.10724	0.14743	0.00023	0.00436	—	0.00436	0.00401	—	0.00401	—	22.8169	22.8169	0.00093	0.00019	—	22.8952

Dust From Material Movement	—	—	—	—	—	—	0.02349	0.02349	—	0.01136	0.01136	—	—	—	—	—	—	—
Onsite truck	0.00001	0.00001	0.00019	0.00010	< 0.000005	< 0.000005	0.00585	0.00585	< 0.000005	0.00058	0.00059	—	0.06064	0.06064	< 0.000005	0.00001	0.00003	0.06350

3.3.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05575	0.05410	0.04223	0.48893	0.00000	0.00000	0.10916	0.10916	0.00000	0.02559	0.02559	—	99.6828	99.6828	0.00298	0.00473	0.00755	101.174
Vendor	0.01274	0.00993	0.36167	0.15198	0.00169	0.00337	0.06417	0.06754	0.00337	0.01773	0.02110	—	221.085	221.085	0.00244	0.03336	0.00979	231.096
Hauling	0.01629	0.01079	0.73867	0.15922	0.00428	0.01222	0.17122	0.18344	0.01222	0.04688	0.05909	—	568.014	568.014	0.00489	0.08796	0.02387	594.371
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00260	0.00254	0.00175	0.02309	0.00000	0.00000	0.00497	0.00497	0.00000	0.00116	0.00116	—	4.78150	4.78150	0.00012	0.00020	0.00588	4.85150
Vendor	0.00063	0.00048	0.01641	0.00689	0.00008	0.00016	0.00293	0.00309	0.00016	0.00081	0.00097	—	10.2851	10.2851	0.00011	0.00155	0.00759	10.7585
Hauling	0.00079	0.00053	0.03358	0.00732	0.00020	0.00057	0.00783	0.00840	0.00057	0.00215	0.00272	—	26.4445	26.4445	0.00023	0.00410	0.01850	27.6895
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00047	0.00046	0.00032	0.00421	0.00000	0.00000	0.00091	0.00091	0.00000	0.00021	0.00021	—	0.79163	0.79163	0.00002	0.00003	0.00097	0.80322
Vendor	0.00011	0.00009	0.00299	0.00126	0.00001	0.00003	0.00053	0.00056	0.00003	0.00015	0.00018	—	1.70282	1.70282	0.00002	0.00026	0.00126	1.78119
Hauling	0.00014	0.00010	0.00613	0.00134	0.00004	0.00010	0.00143	0.00153	0.00010	0.00039	0.00050	—	4.37819	4.37819	0.00004	0.00068	0.00306	4.58431

3.4. Construction (2030)

3.4.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12372	0.94034	8.39196	12.8848	0.02340	0.26012	—	0.26012	0.23931	—	0.23931	—	2,396.83	2,396.83	0.09723	0.01945	—	2,405.06
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12372	0.94034	8.39196	12.8848	0.02340	0.26012	—	0.26012	0.23931	—	0.23931	—	2,396.83	2,396.83	0.09723	0.01945	—	2,405.06
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56956	0.47661	4.25346	6.53063	0.01186	0.13184	—	0.13184	0.12129	—	0.12129	—	1,214.83	1,214.83	0.04928	0.00986	—	1,219.00
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10394	0.08698	0.77626	1.19184	0.00216	0.02406	—	0.02406	0.02214	—	0.02214	—	201.130	201.130	0.00816	0.00163	—	201.820
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10804	0.10085	0.05464	1.06527	0.00000	0.00000	0.17841	0.17841	0.00000	0.04182	0.04182	—	184.827	184.827	0.00378	0.00719	0.47684	187.540
Vendor	0.00780	0.00580	0.18982	0.08131	0.00095	0.00190	0.03611	0.03801	0.00190	0.00998	0.01188	—	124.167	124.167	0.00137	0.01877	0.21173	130.007
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09112	0.08842	0.06902	0.79909	0.00000	0.00000	0.17841	0.17841	0.00000	0.04182	0.04182	—	162.918	162.918	0.00486	0.00773	0.01234	165.355
Vendor	0.00717	0.00559	0.20353	0.08553	0.00095	0.00190	0.03611	0.03801	0.00190	0.00998	0.01188	—	124.417	124.417	0.00137	0.01877	0.00551	130.050
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04619	0.04509	0.03106	0.41066	0.00000	0.00000	0.08831	0.08831	0.00000	0.02067	0.02067	—	85.0423	85.0423	0.00219	0.00364	0.10450	86.2873
Vendor	0.00385	0.00294	0.10049	0.04217	0.00048	0.00096	0.01794	0.01890	0.00096	0.00497	0.00593	—	62.9870	62.9870	0.00069	0.00951	0.04650	65.8861
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00843	0.00823	0.00567	0.07495	0.00000	0.00000	0.01612	0.01612	0.00000	0.00377	0.00377	—	14.0797	14.0797	0.00036	0.00060	0.01730	14.2858
Vendor	0.00070	0.00054	0.01834	0.00770	0.00009	0.00018	0.00327	0.00345	0.00018	0.00091	0.00108	—	10.4282	10.4282	0.00012	0.00158	0.00770	10.9082
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2030)

3.5.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76655	0.64411	6.28020	9.89564	0.01395	0.22035	—	0.22035	0.20272	—	0.20272	—	1,510.63	1,510.63	0.06128	0.01226	—	1,515.81
Paving	0.54222	0.54222	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03360	0.02824	0.27530	0.43378	0.00061	0.00966	—	0.00966	0.00889	—	0.00889	—	66.2192	66.2192	0.00269	0.00054	—	66.4464
Paving	0.02377	0.02377	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00613	0.00515	0.05024	0.07917	0.00011	0.00176	—	0.00176	0.00162	—	0.00162	—	10.9633	10.9633	0.00044	0.00009	—	11.0010
Paving	0.00434	0.00434	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05575	0.05410	0.04223	0.48893	0.00000	0.00000	0.10916	0.10916	0.00000	0.02559	0.02559	—	99.6828	99.6828	0.00298	0.00473	0.00755	101.174
Vendor	0.00150	0.00117	0.04255	0.01788	0.00020	0.00040	0.00755	0.00795	0.00040	0.00209	0.00248	—	26.0100	26.0100	0.00029	0.00392	0.00115	27.1877
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00244	0.00239	0.00164	0.02173	0.00000	0.00000	0.00467	0.00467	0.00000	0.00109	0.00109	—	4.50024	4.50024	0.00012	0.00019	0.00553	4.56612
Vendor	0.00007	0.00005	0.00182	0.00076	0.00001	0.00002	0.00032	0.00034	0.00002	0.00009	0.00011	—	1.13883	1.13883	0.00001	0.00017	0.00084	1.19125
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00045	0.00044	0.00030	0.00397	0.00000	0.00000	0.00085	0.00085	0.00000	0.00020	0.00020	—	0.74507	0.74507	0.00002	0.00003	0.00092	0.75597
Vendor	0.00001	0.00001	0.00033	0.00014	< 0.000005	< 0.000005	0.00006	0.00006	< 0.000005	0.00002	0.00002	—	0.18855	0.18855	< 0.000005	0.00003	0.00014	0.19723
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Architectural Coating (2030)

3.6.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.11905	0.09839	0.78473	1.10719	0.00173	0.01097	—	0.01097	0.01009	—	0.01009	—	133.513	133.513	0.00542	0.00108	—	133.971
Architectural Coatings	6.38447	6.38447	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00513	0.00424	0.03378	0.04767	0.00007	0.00047	—	0.00047	0.00043	—	0.00043	—	5.74811	5.74811	0.00023	0.00005	—	5.76783
Architectural Coatings	0.27487	0.27487	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00094	0.00077	0.00617	0.00870	0.00001	0.00009	—	0.00009	0.00008	—	0.00008	—	0.95166	0.95166	0.00004	0.00001	—	0.95493
Architectural Coatings	0.05016	0.05016	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01822	0.01768	0.01380	0.15982	0.00000	0.00000	0.03568	0.03568	0.00000	0.00836	0.00836	—	32.5835	32.5835	0.00097	0.00155	0.00247	33.0709
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00078	0.00077	0.00053	0.00698	0.00000	0.00000	0.00150	0.00150	0.00000	0.00035	0.00035	—	1.44473	1.44473	0.00004	0.00006	0.00178	1.46588
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00014	0.00014	0.00010	0.00127	0.00000	0.00000	0.00027	0.00027	0.00000	0.00006	0.00006	—	0.23919	0.23919	0.00001	0.00001	0.00029	0.24269
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7. Architectural Coating (2031)

3.7.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.11542	0.09539	0.77690	1.10346	0.00173	0.00943	—	0.00943	0.00867	—	0.00867	—	133.518	133.518	0.00542	0.00108	—	133.976
Architectural Coatings	6.38447	6.38447	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00023	0.00019	0.00152	0.00216	< 0.000005	0.00002	—	0.00002	0.00002	—	0.00002	—	0.26129	0.26129	0.00001	< 0.000005	—	0.26218
Architectural Coatings	0.01249	0.01249	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00004	0.00003	0.00028	0.00039	< 0.000005	< 0.000005	—	< 0.000005	< 0.000005	—	< 0.000005	—	0.04326	0.04326	< 0.000005	< 0.000005	—	0.04341
Architectural Coatings	0.00228	0.00228	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01704	0.01549	0.01247	0.14680	0.00000	0.00000	0.03568	0.03568	0.00000	0.00836	0.00836	—	32.0413	32.0413	0.00097	0.00155	0.00221	32.5285
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00003	0.00003	0.00002	0.00029	0.00000	0.00000	0.00007	0.00007	0.00000	0.00002	0.00002	—	0.06457	0.06457	< 0.000005	< 0.000005	0.00007	0.06552
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00001	0.00001	< 0.000005	0.00005	0.00000	0.00000	0.00001	0.00001	0.00000	< 0.000005	< 0.000005	—	0.01069	0.01069	< 0.000005	< 0.000005	0.00001	0.01085
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/2/2030	1/24/2030	5.00000	17.0000	—
Site Preparation	Site Preparation	1/25/2030	2/6/2030	5.00000	9.00000	—
Grading	Grading	2/7/2030	3/1/2030	5.00000	17.0000	—
Construction	Building Construction	3/2/2030	11/15/2030	5.00000	185.000	—
Paving	Paving	11/16/2030	12/9/2030	5.00000	16.0000	—

Architectural Coating	Architectural Coating	12/10/2030	1/1/2031	5.00000	17.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.000000	8.00000	33.0000	0.73000
Demolition	Excavators	Diesel	Average	3.00000	8.00000	36.0000	0.38000
Demolition	Rubber Tired Dozers	Diesel	Average	2.00000	8.00000	367.000	0.40000
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	4.00000	8.00000	84.0000	0.37000
Grading	Excavators	Diesel	Average	1.000000	8.00000	36.0000	0.38000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Grading	Tractors/Loaders/Back hoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000
Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00000	7.00000	84.0000	0.37000
Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	15.0000	10.3000	LDA,LDT1,LDT2
Demolition	Vendor	8.00000	4.50000	HHDT,MHDT
Demolition	Hauling	12.2941	20.0000	HHDT
Demolition	Onsite truck	1.000000	0.83000	HHDT
Site Preparation	Worker	17.5000	10.3000	LDA,LDT1,LDT2
Site Preparation	Vendor	19.0000	4.50000	HHDT,MHDT
Site Preparation	Hauling	17.4444	20.0000	HHDT
Site Preparation	Onsite truck	1.000000	2.89000	HHDT
Grading	Worker	15.0000	10.3000	LDA,LDT1,LDT2
Grading	Vendor	17.0000	4.50000	HHDT,MHDT
Grading	Hauling	9.23529	20.0000	HHDT
Grading	Onsite truck	1.000000	2.06000	HHDT
Construction	Worker	24.5154	10.3000	LDA,LDT1,LDT2
Construction	Vendor	9.56684	4.50000	HHDT,MHDT
Construction	Hauling	0.00000	20.0000	HHDT
Construction	Onsite truck	—	—	HHDT
Paving	Worker	15.0000	10.3000	LDA,LDT1,LDT2
Paving	Vendor	2.00000	4.50000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	4.90308	10.3000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	4.50000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00000	0.00000	0.00000	0.00000	15,606.6

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00000	0.00000	0.00000	834.000	0.00000
Site Preparation	—	1,250.00	13.5000	0.00000	0.00000
Grading	—	1,250.00	17.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	5.97129

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Other Non-Asphalt Surfaces	2.66000	0%
Paving	Other Asphalt Surfaces	1.33999	100%
Paving	Parking Lot	1.97130	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2030	0.00000	203.983	0.03300	0.00400
2031	0.00000	203.983	0.03300	0.00400

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Lot acreage adjusted to account for acreage of landscaping
Construction: Construction Phases	Schedule adjusted to match timeframe provided by District

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	1.33999	2.66000
Landscape Area	sq. ft	—	57,499.0

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Demolition	Demolition	End Date	1/30/2030	1/24/2030
Demolition	Demolition	Work Days per Phase	20.0000	17.0000
Site Preparation	Site Preparation	Start Date	1/31/2030	1/25/2030
Site Preparation	Site Preparation	End Date	2/14/2030	2/6/2030
Site Preparation	Site Preparation	Work Days per Phase	10.00000	9.00000
Grading	Grading	Start Date	2/15/2030	2/7/2030
Grading	Grading	End Date	3/15/2030	3/1/2030
Grading	Grading	Work Days per Phase	20.0000	17.0000
Paving	Paving	Start Date	2/2/2031	11/16/2030
Paving	Paving	End Date	3/2/2031	12/9/2030
Paving	Paving	Work Days per Phase	20.0000	16.0000
Architectural Coating	Architectural Coating	Start Date	3/3/2031	12/10/2030
Architectural Coating	Architectural Coating	End Date	3/31/2031	1/1/2031
Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	17.0000

Paradise High School Expansion Project (Operation) Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Paradise High School Expansion Project (Operation)
Operational Year	2031
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.90000
Precipitation (days)	36.4000
Location	5911 Maxwell Dr, Paradise, CA 95969, USA
County	Butte
City	Paradise
Air District	Butte County AQMD
Air Basin	Sacramento Valley
TAZ	217
EDFZ	3
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.39

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
High School	1.72800	1000sqft	1.54000	1,728.00	65,227.0	65,227.0	—	—
Other Non-Asphalt Surfaces	107.285	1000sqft	2.46292	0.00000	0.00000	—	—	—

Other Asphalt Surfaces	58.3700	1000sqft	1.33999	0.00000	0.00000	—	—	—
Parking Lot	85.8700	1000sqft	1.97130	0.00000	0.00000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.3. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.10109	0.10006	0.00063	0.07516	< 0.000005	0.00013	0.00000	0.00013	0.00010	0.00000	0.00010	0.00000	42.3475	42.3475	0.00681	0.00083	0.00668	42.7710
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.08771	0.08771	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	42.0384	42.0384	0.00680	0.00082	0.00668	42.4608
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.09431	0.09380	0.00031	0.03706	< 0.000005	0.00007	0.00000	0.00007	0.00005	0.00000	0.00005	0.00000	42.1909	42.1909	0.00681	0.00083	0.00668	42.6138
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.01721	0.01712	0.00006	0.00676	< 0.000005	0.00001	0.00000	0.00001	0.00001	0.00000	0.00001	0.00000	6.98518	6.98518	0.00113	0.00014	0.00111	7.05519

2.4. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Area	0.10109	0.10006	0.00063	0.07516	< 0.000005	0.00013	—	0.00013	0.00010	—	0.00010	—	0.30905	0.30905	0.00001	< 0.000005	—	0.31016
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	42.0384	42.0384	0.00680	0.00082	—	42.4541
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00668	0.00668
Total	0.10109	0.10006	0.00063	0.07516	< 0.000005	0.00013	0.00000	0.00013	0.00010	0.00000	0.00010	0.00000	42.3475	42.3475	0.00681	0.00083	0.00668	42.7710
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Area	0.08771	0.08771	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	42.0384	42.0384	0.00680	0.00082	—	42.4541
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00668	0.00668
Total	0.08771	0.08771	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	42.0384	42.0384	0.00680	0.00082	0.00668	42.4608
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Area	0.09431	0.09380	0.00031	0.03706	< 0.000005	0.00007	—	0.00007	0.00005	—	0.00005	—	0.15241	0.15241	0.00001	< 0.000005	—	0.15296
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	42.0384	42.0384	0.00680	0.00082	—	42.4541
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00668	0.00668
Total	0.09431	0.09380	0.00031	0.03706	< 0.000005	0.00007	0.00000	0.00007	0.00005	0.00000	0.00005	0.00000	42.1909	42.1909	0.00681	0.00083	0.00668	42.6138
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Area	0.01721	0.01712	0.00006	0.00676	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02523	0.02523	< 0.000005	< 0.000005	—	0.02532
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	6.95994	6.95994	0.00113	0.00014	—	7.02877
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00111	0.00111
Total	0.01721	0.01712	0.00006	0.00676	< 0.000005	0.00001	0.00000	0.00001	0.00001	0.00000	0.00001	0.00000	6.98518	6.98518	0.00113	0.00014	0.00111	7.05519

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.0384	42.0384	0.00680	0.00082	—	42.4541
Total	—	—	—	—	—	—	—	—	—	—	—	—	42.0384	42.0384	0.00680	0.00082	—	42.4541
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.0384	42.0384	0.00680	0.00082	—	42.4541
Total	—	—	—	—	—	—	—	—	—	—	—	—	42.0384	42.0384	0.00680	0.00082	—	42.4541
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	6.95994	6.95994	0.00113	0.00014	—	7.02877
Total	—	—	—	—	—	—	—	—	—	—	—	—	6.95994	6.95994	0.00113	0.00014	—	7.02877

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.05676	0.05676	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.03095	0.03095	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01338	0.01235	0.00063	0.07516	< 0.000005	0.00013	—	0.00013	0.00010	—	0.00010	—	0.30905	0.30905	0.00001	< 0.000005	—	0.31016
Total	0.10109	0.10006	0.00063	0.07516	< 0.000005	0.00013	—	0.00013	0.00010	—	0.00010	—	0.30905	0.30905	0.00001	< 0.000005	—	0.31016
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.05676	0.05676	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03095	0.03095	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.08771	0.08771	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01036	0.01036	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00565	0.00565	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00120	0.00111	0.00006	0.00676	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02523	0.02523	< 0.000005	< 0.000005	—	0.02532
Total	0.01721	0.01712	0.00006	0.00676	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02523	0.02523	< 0.000005	< 0.000005	—	0.02532

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00668	0.00668
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00668	0.00668
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00668	0.00668
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00668	0.00668
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00111	0.00111
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00111	0.00111

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
High School	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
High School	Wood Fireplaces	0	0
High School	Gas Fireplaces	0	0
High School	Propane Fireplaces	0	0
High School	Electric Fireplaces	0	0
High School	No Fireplaces	0	0
High School	Conventional Wood Stoves	0	0

High School	Catalytic Wood Stoves	0	0
High School	Non-Catalytic Wood Stoves	0	0
High School	Pellet Wood Stoves	0	0
Other Non-Asphalt Surfaces	Wood Fireplaces	0	0
Other Non-Asphalt Surfaces	Gas Fireplaces	0	0
Other Non-Asphalt Surfaces	Propane Fireplaces	0	0
Other Non-Asphalt Surfaces	Electric Fireplaces	0	0
Other Non-Asphalt Surfaces	No Fireplaces	0	0
Other Non-Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Non-Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Non-Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Non-Asphalt Surfaces	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0
Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0

Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0.00000	0.00000	2,592.00	864.000	15,091.5

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
High School	0.00000	203.983	0.0330	0.0040	0.00000
Other Non-Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000
Parking Lot	75,222.1	203.983	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
High School	0.00000	0.00000

Other Non-Asphalt Surfaces	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Parking Lot	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
High School	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Parking Lot	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
High School	Household refrigerators and/or freezers	R-134a	1,430.00	0.01679	0.60000	0.00000	1.000000
High School	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
High School	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.00004	1.000000	0.00000	1.000000
High School	Walk-in refrigerators and freezers	R-404A	3,922.00	0.00040	7.50000	7.50000	20.0000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	High School land use lot acreage adjusted to account for acreage of landscaping
Operations: Vehicle Data	The proposed project would increase school enrollment or not result in new events at the project site and therefore would result in no increase in trips. No mobile emissions are calculated.
Operations: Energy Use	The proposed agricultural building would not consume natural gas energy or electricity from the grid. Electricity would only be used for parking lot lighting therefore the default energy for the agricultural building is removed from the model. The CalEEMod default for the parking lot land use is retained.
Operations: Water and Waste Water	The proposed project would not result in an increase in spectators or student enrollment at Paradise HS. Therefore the increase in water use at the project site would be negligible. Therefore, emissions sources associated with water use are not modeled.
Operations: Solid Waste	The proposed project would not result in an increase in spectators or student enrollment at Paradise HS. Therefore the increase in solid waste generation at the project site would be negligible.Therefore, emissions sources associated with solid waste are not modeled.

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	0.03967	1.54000

Landscape Area	sq. ft	—	65,227.0

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
High School	Weekday Trip Rate	size/day	14.0700	0.00000
High School	Saturday Trip Rate	size/day	3.98000	0.00000
High School	Sunday Trip Rate	size/day	1.71000	0.00000

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
High School	Electricity	kWh/yr	8,234.89	0.00000
High School	Electricity (Subject to Title 24)	kWh/yr	6,672.18	0.00000
High School	Electricity (Not Subject to Title 24)	kWh/yr	1,562.70	0.00000
High School	Natural Gas	kBTU/yr	78,258.7	0.00000
High School	Natural Gas (Subject to Title 24)	kBTU/yr	77,597.0	0.00000
High School	Natural Gas (Not Subject to Title 24)	kBTU/yr	661.698	0.00000

8.5.4. Water and Waste Water

Land Use	Model Parameter	Units	Default Value	New Value
High School	Indoor Water	gal/year	57,377.6	0.00000
High School	Outdoor Water	gal/year	1,595,374	0.00000

8.5.5. Solid Waste

Land Use	Model Parameter	Units	Default Value	New Value
High School	Solid Waste Generation Rate	ton/1000sqft/yr	1.30000	0.00000

Paradise HS Expansion Project Regional Construction Emissions Worksheet (Phase 1):

3.1. Demolition (2026)	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	1.39	12.94	14.62	0.02	0.51	0.47
Demolition	0.00	0.00	0.00	0.00	0.69	0.10
Onsite truck	0.00	0.02	0.01	0.00	0.15	0.02
Total	**1.39**	**12.96**	**14.63**	**0.02**	**1.35**	**0.59**
Offsite						
Worker	0.06	0.05	0.55	0.00	0.09	0.02
Vendor	0.00	0.15	0.06	0.00	0.02	0.01
Hauling	0.01	1.11	0.23	0.01	0.24	0.08
Total	**0.08**	**1.31**	**0.84**	**0.01**	**0.36**	**0.11**
TOTAL	***1.47***	***14.27***	***15.46***	***0.03***	***1.71***	***0.69***

3.2. Demolition (2027)	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	1.34	12.43	14.44	0.02	0.47	0.43
Demolition	0.00	0.00	0.00	0.00	0.69	0.10
Onsite truck	0.00	0.02	0.01	0.00	0.15	0.02
Total	**1.35**	**12.45**	**14.45**	**0.02**	**1.31**	**0.55**
Offsite						
Worker	0.05	0.05	0.51	0.00	0.09	0.02
Vendor	0.00	0.14	0.06	0.00	0.02	0.01
Hauling	0.01	1.07	0.22	0.01	0.24	0.08
Total	**0.07**	**1.26**	**0.79**	**0.01**	**0.36**	**0.11**
TOTAL	***1.42***	***13.71***	***15.24***	***0.03***	***1.67***	***0.66***

3.3. Site Preparation (2027)	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	1.19	10.44	11.57	0.02	0.47	0.43
Dust From Material Movement	0.00	0.00	0.00	0.00	2.46	1.17
Onsite truck	0.00	0.02	0.01	0.00	0.29	0.03
Total	**1.19**	**10.46**	**11.59**	**0.02**	**3.22**	**1.64**
Offsite						
Worker	0.03	0.03	0.30	0.00	0.05	0.01
Vendor	0.00	0.17	0.07	0.00	0.03	0.01
Hauling	0.09	6.84	1.42	0.04	1.56	0.50
Total	**0.13**	**7.04**	**1.79**	**0.04**	**1.64**	**0.52**
TOTAL	***1.32***	***17.49***	***13.38***	***0.06***	***4.86***	***2.16***

3.4. Grading (2027)	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	1.37	12.18	13.87	0.02	0.54	0.50
Dust From Material Movement	0.00	0.00	0.00	0.00	2.77	1.34
Onsite truck	0.00	0.02	0.01	0.00	0.46	0.05
Total	**1.37**	**12.20**	**13.88**	**0.02**	**3.77**	**1.88**
Offsite						
Worker	0.04	0.04	0.41	0.00	0.07	0.02
Vendor	0.01	0.26	0.11	0.00	0.04	0.01
Hauling	0.05	3.42	0.71	0.02	0.78	0.25
Total	**0.09**	**3.72**	**1.22**	**0.02**	**0.90**	**0.28**
TOTAL	***1.47***	***15.92***	***15.10***	***0.04***	***4.67***	***2.16***

3.5. Building Construction (2027)	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	0.97	8.25	9.91	0.02	0.26	0.24
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.97**	**8.25**	**9.91**	**0.02**	**0.26**	**0.24**
Offsite						
Worker	0.00	0.00	0.04	0.00	0.01	0.00
Vendor	0.00	0.02	0.01	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.00**	**0.03**	**0.05**	**0.00**	**0.01**	**0.00**
TOTAL	***0.98***	***8.28***	***9.96***	***0.02***	***0.27***	***0.24***

3.6. Paving (2027)						
	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	0.46	4.30	6.49	0.01	0.17	0.16
Paving	0.00	0.00	0.00	0.00	0.00	0.00
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.46**	**4.30**	**6.49**	**0.01**	**0.17**	**0.16**
Offsite						
Worker	0.05	0.05	0.51	0.00	0.09	0.02
Vendor	0.00	0.05	0.02	0.00	0.01	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.05**	**0.10**	**0.53**	**0.00**	**0.10**	**0.02**
TOTAL	***0.51***	***4.39***	***7.02***	***0.01***	***0.27***	***0.18***

3.7. Architectural Coating (2027)						
	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	0.11	0.83	1.13	0.00	0.02	0.02
Architectural Coatings	2.84	0.00	0.00	0.00	0.00	0.00
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Total	**2.96**	**0.83**	**1.13**	**0.00**	**0.02**	**0.02**
Offsite						
Worker	0.00	0.00	0.04	0.00	0.01	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.00**	**0.00**	**0.04**	**0.00**	**0.01**	**0.00**
TOTAL	***2.96***	***0.84***	***1.17***	***0.00***	***0.03***	***0.02***

Max Daily Emission (lbs./day)						
Demolition (2026)	***1***	***14***	***15***	***0***	***2***	***1***
Demolition (2027)	***1***	***14***	***15***	***0***	***2***	***1***
Site Preparation (2027)	***1***	***17***	***13***	***0***	***5***	***2***
Grading (2027)	***1***	***16***	***15***	***0***	***5***	***2***
Building Construction (2027)	***1***	***8***	***10***	***0***	***0***	***0***
Paving (2027)	***1***	***4***	***7***	***0***	***0***	***0***
Architectural Coating (2027)	***3***	***1***	***1***	***0***	***0***	***0***
MAX DAILY	**3**	**17**	**15**	**0**	**5**	**2**
Regional Thresholds	**137**	**137**	**--**	**--**	**80**	**--**
Exceeds Thresholds?	No	No	--	--	No	--
Annual Emissions (tons/year)						
2026	***0.01***	***0.06***	***0.06***	***0.00***	***0.01***	***0.00***
2027	***0.13***	***0.96***	***1.14***	***0.00***	***0.05***	***0.03***
ANNUAL	**0.13**	**0.96**	**1.14**	**0.00**	**0.05**	**0.03**
Regional Thresholds	**4.5**	**4.5**	**--**	**--**	**--**	**--**
Exceeds Thresholds?	No	No	No	No	No	No

Paradise HS Expansion Project Regional Construction Emissions Worksheet (Phase 2):

3.1. Demolition (2030)

	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	2.09	18.13	18.67	0.03	0.72	0.66
Demolition	0.00	0.00	0.00	0.00	0.69	0.10
Onsite truck	0.00	0.02	0.01	0.00	0.31	0.03
Total	**2.09**	**18.14**	**18.69**	**0.03**	**1.71**	**0.80**
Offsite						
Worker	0.05	0.04	0.49	0.00	0.11	0.03
Vendor	0.00	0.17	0.07	0.00	0.03	0.01
Hauling	0.01	0.98	0.21	0.01	0.24	0.08
Total	**0.07**	**1.20**	**0.77**	**0.01**	**0.39**	**0.11**
TOTAL	***2.16***	***19.34***	***19.46***	***0.04***	***2.10***	***0.91***

3.2. Site Preparation (2030)

	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	2.92	25.21	28.43	0.05	1.07	0.98
Dust From Material Movement	0.00	0.00	0.00	0.00	7.67	3.94
Onsite truck	0.00	0.03	0.01	0.00	1.07	0.11
Total	**2.92**	**25.23**	**28.44**	**0.05**	**9.81**	**5.03**
Offsite						
Worker	0.06	0.05	0.57	0.00	0.13	0.03
Vendor	0.01	0.40	0.17	0.00	0.08	0.02
Hauling	0.02	1.40	0.30	0.01	0.35	0.11
Total	**0.09**	**1.85**	**1.04**	**0.01**	**0.55**	**0.17**
TOTAL	***3.01***	***27.08***	***29.49***	***0.06***	***10.36***	***5.19***

3.3. Grading (2030)

	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	1.48	12.62	17.34	0.03	0.51	0.47
Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
Onsite truck	0.00	0.02	0.01	0.00	0.76	0.08
Total	**1.48**	**12.64**	**17.36**	**0.03**	**4.04**	**1.88**
Offsite						
Worker	0.05	0.04	0.49	0.00	0.11	0.03
Vendor	0.01	0.36	0.15	0.00	0.07	0.02
Hauling	0.01	0.74	0.16	0.00	0.18	0.06
Total	**0.07**	**1.14**	**0.80**	**0.01**	**0.36**	**0.11**
TOTAL	***1.55***	***13.78***	***18.16***	***0.03***	***4.40***	***1.99***

3.4. Construction (2030)

	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	0.94	8.39	12.88	0.02	0.26	0.24
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.94**	**8.39**	**12.88**	**0.02**	**0.26**	**0.24**
Offsite						
Worker	0.10	0.07	1.07	0.00	0.18	0.04
Vendor	0.01	0.20	0.08	0.00	0.04	0.01
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.11**	**0.27**	**1.15**	**0.00**	**0.22**	**0.05**
TOTAL	***1.05***	***8.66***	***14.03***	***0.02***	***0.48***	***0.29***

3.5. Paving (2030)						
	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	0.64	6.28	9.90	0.01	0.22	0.20
Paving	0.54	0.00	0.00	0.00	0.00	0.00
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.19**	**6.28**	**9.90**	**0.01**	**0.22**	**0.20**
Offsite						
Worker	0.05	0.04	0.49	0.00	0.11	0.03
Vendor	0.00	0.04	0.02	0.00	0.01	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.06**	**0.08**	**0.51**	**0.00**	**0.12**	**0.03**
TOTAL	***1.24***	***6.36***	***10.40***	***0.01***	***0.34***	***0.23***

3.6. Architectural Coating (2030)						
	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	0.10	0.78	1.11	0.00	0.01	0.01
Architectural Coatings	6.38	0.00	0.00	0.00	0.00	0.00
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Total	**6.48**	**0.78**	**1.11**	**0.00**	**0.01**	**0.01**
Offsite						
Worker	0.02	0.01	0.16	0.00	0.04	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.02**	**0.01**	**0.16**	**0.00**	**0.04**	**0.01**
TOTAL	***6.50***	***0.80***	***1.27***	***0.00***	***0.05***	***0.02***

3.7. Architectural Coating (2031)						
	ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite	**Winter**					
Off-Road Equipment	0.10	0.78	1.10	0.00	0.01	0.01
Architectural Coatings	6.38	0.00	0.00	0.00	0.00	0.00
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Total	**6.48**	**0.78**	**1.10**	**0.00**	**0.01**	**0.01**
Offsite						
Worker	0.02	0.01	0.15	0.00	0.04	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.02**	**0.01**	**0.15**	**0.00**	**0.04**	**0.01**
TOTAL	***6.50***	***0.79***	***1.25***	***0.00***	***0.05***	***0.02***

Max Daily Emission (lbs./day)						
Demolition (2030)	***2***	***19***	***19***	***0***	***2***	***1***
Site Preparation (2030)	***3***	***27***	***29***	***0***	***10***	***5***
Grading (2030)	***2***	***14***	***18***	***0***	***4***	***2***
Building Construction (2030)	***1***	***9***	***14***	***0***	***0***	***0***
Paving (2030)	***1***	***6***	***10***	***0***	***0***	***0***
Architectural Coating (2030)	***7***	***1***	***1***	***0***	***0***	***0***
Architectural Coating (2031)	***6***	***1***	***1***	***0***	***0***	***0***
MAX DAILY	**7**	**27**	**29**	**0**	**10**	**5**
Regional Thresholds	**137**	**137**	**--**	**--**	**80**	**--**
Exceeds Thresholds?	No	No	--	--	No	--
Annual Emissions (tons/year)						
2030	***0.20***	***1.26***	***1.82***	***0.00***	***0.15***	***0.08***
2031	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
ANNUAL	**0.20**	**1.26**	**1.82**	**0.00**	**0.15**	**0.08**
Regional Thresholds	**4.5**	**4.5**	**--**	**--**	**--**	**--**
Exceeds Thresholds?	No	No	No	No	No	No

Regional Operation Emissions Worksheet

[1] CalEEMod, Version 2022.1.

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Mobile	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.10	0.00	0.08	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.10**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Mobile	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.09	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.09**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Mobile	0	0	0	0	0	0
Area	0	0	0	0	0	0
Energy	0	0	0	0	0	0
Total	**0.10**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**
Regional Thresholds (lb/day)	**25**	**25**	**--**	**--**	**80**	**--**
Exceeds Thresholds?	No	No	No	No	No	No

Paradise HS Expansion Project: GHG Emissions Inventory

Construction[1]

	$MTCO_2e$
2026	13
2027	202
2030	332
2031	0.05
Total Construction	**547**

Operation[1]

	$MTCO_2e/Year$[2]	
	Operations	**%**
Mobile	0	0%
Area	0.03	0%
Energy	7	100%
Water	0	0%
Solid Waste	0	0%
Refrigerants	0	0%
Total	**7**	100%

[1] CalEEMod, Version 2022.1.;

[2] MTCO2e=metric tons of carbon dioxide equivalent.

APPENDIX C
BIOLOGICAL RESOURCES EVALUATION

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BIOLOGICAL RESOURCE EVALUATION
FOR
Paradise High School Expansion Project

Prepared for:

PLACEWORKS
3 MacArthur Place, Suite 1100
Santa Ana, California 92707

Prepared by:

HANA RESOURCES, INC.
20361 Hermana Circle
Lake Forest, CA 92630
(949) 680-4400

April 3, 2026

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.

April 3, 2026	Candace Reynolds
Date	**Candace Reynolds** Senior Biologist
April 3, 2026	R. Austin Isakson
Date	**R. Austin Isakson** Associate Biologist

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ACRONYMS

AMSL	Above Mean Sea Level
APN	Assessor's Parcel Number
BRE	Biological Resources Evaluation
BMP	Best Management Practices
BSA	Biological Study Area
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CESA	California Endangered Species Act
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CRPR	California Rare Plant Ranks
CWA	Clean Water Act
ECOS	Environmental Conservation Online System
EPA	Environmental Protection Agency
ESA	Endangered Species Act
HCP	Habitat Conservation Plan
IPaC	Information for Planning and Consultation
MBPM-2	Migratory Bird Permit Memorandum
MBTA	Migratory Bird Treaty Act
MMRP	Mitigation Monitoring and Reporting Program
NCCP	Natural Community Conservation Planning
NMFS	National Marine Fisheries Service
NRCS	Natural Resources Conservation Service
NWI	Natural Wetland Inventory
PFO	Potential for Occurrence
SWANCC	Solid Waste Agency of Northern Cook County
U.S.	Unites States
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USFWS	United States Department of Fish and Wildlife
USGS	United States Geological Society
WOTUS	Waters of the United States

SECTION 1. INTRODUCTION

HANA Resources, Inc. (HANA) was retained by PlaceWorks to prepare this Biological Resource Evaluation (BRE) Report for the proposed Paradise High School Expansion Project. Following completion of the reconnaissance-level biological evaluation, HANA prepared this BRE to: 1) summarize existing conditions; 2) assess the potential presence of sensitive biological resources; 3) analyze the potential impact of project development on those resources; 4) recommend, 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) identify biological permits or approvals that may be required for the project. 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. Project Location

The proposed project site covers approximately 7 acres in Butte County, CA (**Exhibit I,** *Project Vicinity*) and is located within the Town of Paradise, along the north side of Elliot Road and west of Clark Road. The project site includes Assessor Parcel Numbers (APN) 053-111-014-000, 053-111-015-000, 053-111-028-000, 053-111-030-000, and 053-111-034-000 (**Exhibit II,** *Project Area*). The site is located on the United States Geological Survey (USGS) Paradise East 7.5-minute topographic quadrangle. The surface elevation of the site ranges from approximately 1,810 to 1,870 feet above mean sea level (AMSL). The site is located within Section 14, Township 22 North, Range 3 East, Mount Diablo Meridian.

1.2. Project Description

The proposed project would include construction of a practice field, an agricultural building, and parking lot to serve the on-campus stadium. The proposed project would utilize two parcels for the new parking lot (APNs 053-111-014 and 053-111-028), two parcels for the implementation of the new football stadium (APNs 053-111-030 and 053-111-034) that will also be used as practice fields, and one parcel for the new agricultural building (APN 053-111-015). The proposed project would serve the existing Paradise HS students and staff, and student capacity on the campus would not increase as a result of the proposed project.

Exhibit I: Project Vicinity

Exhibit II: Project Area

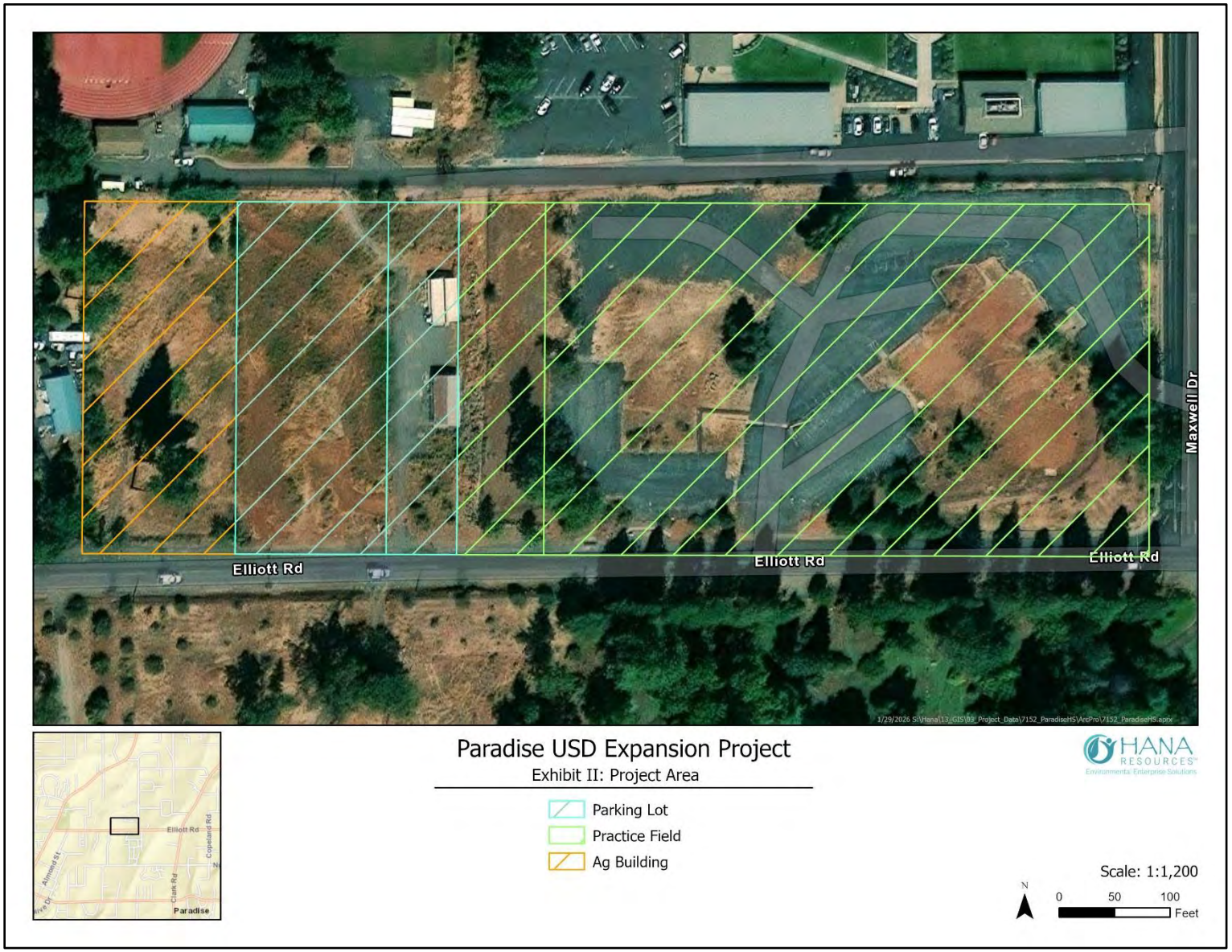
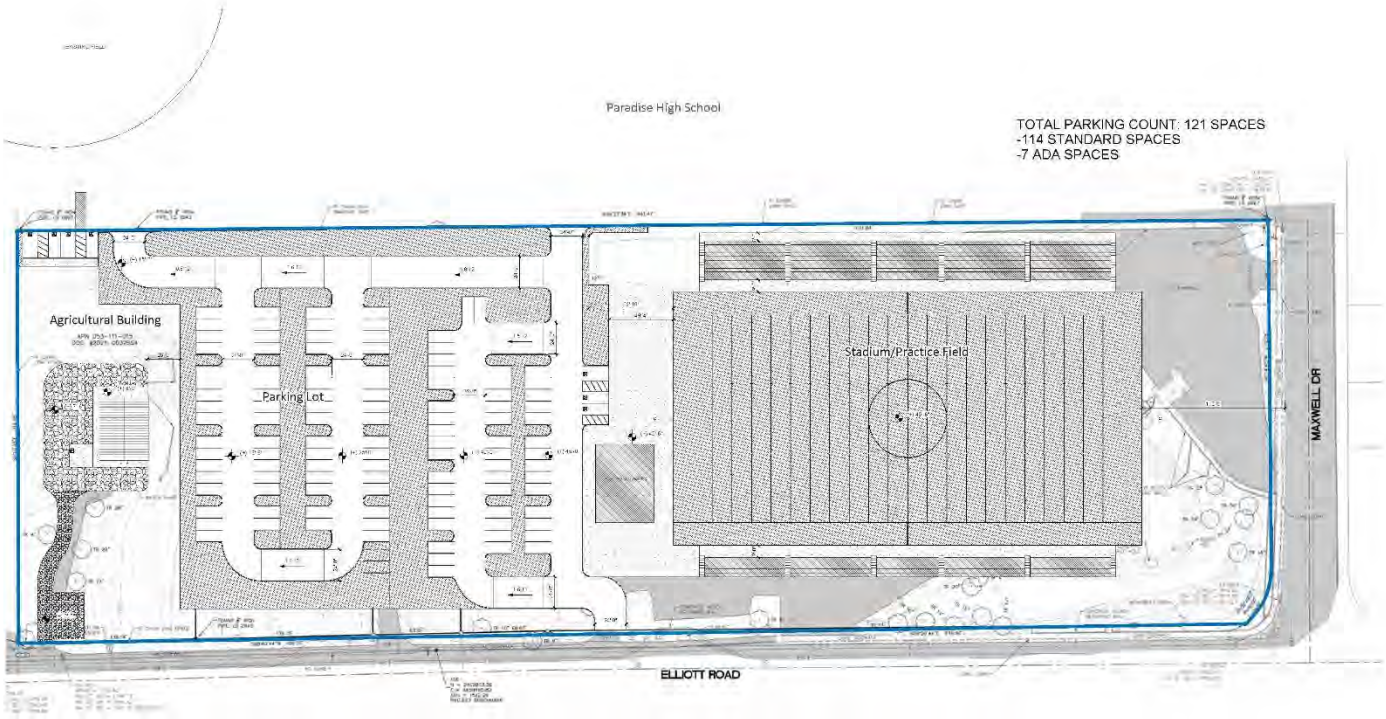


Exhibit III: Site Plans

PARADISE HIGH SCHOOL EXPANSION PROJECT DRAFT EIR
PARADISE UNIFIED SCHOOL DISTRICT



Project Site Boundary

Source: Studio W Architects 2026.

Figure 2-4
Project Site Plan

PlaceWorks

SECTION 2. REGULATORY OVERVIEW

2.1. Federal Statutes, Regulations and Executive Orders

Endangered Species Act (ESA)

The federal ESA of 1973 (Title 16, United States Code [U.S.C.] §§ 1531-1543), as amended, designates and provides for the conservation and protection of federally listed threatened and endangered plant and animal species, and their critical habitat. The US Fish and Wildlife Service (USFWS), within the Department of the Interior (DOI), and the National Oceanic and Atmospheric Administration's National Marine Fisheries Service (NMFS), in the Department of Commerce (DOC), share responsibility for administering 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 species, while NMFS primarily oversees marine species.

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" endangered species 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 that actually kills or injures wildlife," which may include substantial habitat modification or degradation where it significantly impairs essential behavioral patterns, including breeding, feeding, or sheltering.

ESA section 9 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, is also prohibited 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, may result in the take of federally listed threatened or endangered wildlife. Under this provision, the USFWS and/or NMFS may, where appropriate, authorize the take of federally listed wildlife or fish species if such take occurs 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 is to ensure adequate avoidance, minimization, and mitigation measures are implemented to address the effects of the authorized incidental take. Section 10 provides a clear regulatory mechanism to authorize incidental take of federally listed fish and wildlife species by private interests and non-Federal governmental agencies.

Migratory Bird Treaty Act (MBTA)

The MBTA of 1918 (Title 16, U.S.C. sections 703 - 712), as amended, implements international 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 of such a 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 migratory birds, their nest, and birds or eggs 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 with exceptions including 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 no 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 bald and golden eagle by prohibiting the take, possession, sale and commerce of such birds, except under certain specified conditions. If compatible with the preservation of bald and golden eagles, the Secretary of the Interior may issue permits for the take, possession, or transportation of bald and golden eagles and their 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 that interfere with resource development or recovery operations. Bald eagles may not be taken for any purpose unless authorized by permit prior to the taking.

Clean Water Act (CWA)

The federal CWA (33 U.S.C. §§ 1251-1376) is the principal federal law governing water pollution control and surface water quality in the U.S. It establishes the basic structure for regulating discharges of pollutants into "Waters of the United States" (WOTUS) and for 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, "Waters of the U.S.", include wetland and non-wetland water bodies of water that meet the criteria set forth in 33 Code of Federal Regulations (CFR) § 328.3, as interpreted through judicial decisions and agency guidance, including Solid Waste Agency of Northern Cook County (SWANCC) v. U.S. Army Corps of Engineers (USACE), 531 U.S. 159 (2001); 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) including the December 12, 2008 CWA Jurisdiction Regulatory Guidance.

Section 404 – Discharge of Dredge and Fill Requirements

Section 404 of the CWA regulates the discharge of dredged or fill material into Waters of the U.S. USACE implementing regulations define "dredged material" as material that is excavated or dredged from Waters of the U.S. and "fill material" as material placed in Waters of the U.S. that replaces any portion of Waters of the U.S. with dry land or changes the bottom elevation. Examples include discharges of rock, sand, soil, clay, plastics, construction debris, wood chips, overburden from mining or excavation activities, and materials used to create structures or infrastructure within Waters of the U.S.

Section 401 – Water Quality Certification

Although the CWA is a federal law, Section 401 recognizes that states' authority to establish and enforce surface water quality standards and requires the USACE to obtain state water quality certification for permits authorizing discharges of dredged or fill material. Section 401 requires every applicant for a Section 404 permit to certify that proposed discharges will comply with 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)

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

CESA prohibits the import, export, take, possess, purchase, sell, or attempt commission of any of these actions to species that are designated as threatened, endangered, or candidates for listing, unless authorized by the California Department of Fish and Wildlife (CDFW). Section 2080 of the California Fish and Game Code prohibits take of any species determined by the Commission to be endangered or threatened. "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 authorize take or possession of threatened, endangered, or candidate species for scientific, educational, or management purposes, and may authorize incidental take with other lawful activities, if certain conditions are met. These conditions include minimization and full mitigation of adverse effects, assurance of adequate funding for mitigation implementation, and a determination that the authorized activity shall not jeopardize the continued existence of listed species. CESA emphasizes early consultation to avoid or minimize potential impacts to candidate and listed endangered and threatened species, and to develop appropriate mitigation to offset project-related losses of listed species populations and their essential habitats.

California Fish and Game Code §§ 1600-1616

Pursuant to §§ 1600–1616, CDFW regulates all substantial diversions, obstructions, or changes to the natural flow or the bed, channel, or bank of any river, stream, or lake, that provide habitat for 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, including 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 a stream in a permanent or longstanding way, and confines the stream water up to its highest level and "lake" includes "natural lakes and man-made reservoirs."

Rivers, streams, lakes, and riparian vegetation that provide habitat for fish and wildlife species are subject to CDFW jurisdiction under §§ 1600-1616. Riparian areas are lands adjacent to streams, lakes, and estuarine-marine shorelines. Section 2785(e) defines "riparian habitat" as lands containing habitat that grows close to, and depends upon soil moisture from a nearby freshwater source. CDFW regulates the bed, banks, associated riparian vegetation, and fish and wildlife resources within its jurisdiction. CDFW generally interprets jurisdictional boundaries as extending to the top of bank (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 a river, stream, or lake, whichever is greater. 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, and Replacement of Trees

Paradise Municipal Code requires a permit for the felling or removal of a qualifying tree, defined as any living woody perennial plant characterized by one or more main stems, or trunks, with at least 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, measured on the uphill side of the tree. A tree felling permit may be issued for a variety of reasons listed in the Paradise Municipal Code Section 8.12.090.

> **8.12.090 – Felling of Trees**
>
> Tree felling may be authorized where qualifying trees interfere with the construction or establishment of a town authorized structure or structure addition, driveway, parking lot or parking area, walkway, patio, swimming pool, or deck, or interfere with the construction of private or public access and/or drainage improvements. This provision also applies to trees located within areas approved by the town for grading or filling activities. Reasonable conditions may be imposed as part of the issuance of a tree felling permit.
>
> **8.12.100 – Damage to Trees**
>
> It is unlawful for any person to damage a qualifying tree, including willfully face-cutting, girdling, or otherwise fatally injuring a qualifying tree, unless a valid tree felling permit has been issued. Additionally, no person shall trench, excavate, alter grades, place impervious surfacing, or cause mechanical damage within the root zone of a qualifying tree affecting more than fifty (50) percent of the tree's dripline area prior to issuance of a tree felling permit.
>
> **8.12.110 – Protection of Trees During Construction.**
>
> All development shall be designed and constructed in a manner that considers the retention and protection of existing trees. No tree felling permit shall be issued for new commercial, community services, industrial, or residential construction until all 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 construction of roads, drainages, or other site improvements until all required improvement plans have been approved and signed by the town engineer. During construction, all trees not authorized for removal shall be protected from damage by construction equipment and activities.

Any permit application filed with town officials proposing the felling of nine (9) or more qualifying trees from a single legal parcel within a twelve (12)-month period shall include a written explanation by a qualified tree expert, submitted under penalty of perjury, demonstrating that felling is required based on the circumstances identified under Section 8.12.090 of this chapter.

SECTION 3. METHODOLOGY

3.1. Literature Review

3.1.1. Soils

Soil mapping for the project was reviewed online to determine soil types present within the site using U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey (USDA 2026). Soil classifications were determined in accordance with categories established by the USDA NRCS as documented in the USDA NRCS Web Soil Survey (USDA 2026).

3.1.2. USACE, SWRQCB, and CDFW Preliminary Jurisdictional Assessment

Prior to initiating the preliminary field delineation, a 50-foot-to-the-inch scaled topographic map, a scaled aerial photograph, and Paradise East 7.5-minute USGS topographic quadrangle were examined to identify potential areas of jurisdiction under the USACE, California State Water Resources Quality Control Board (SWRQCB), and/or CDFW jurisdiction. HANA biologists evaluated the Biological Study Area (BSA) to identify potential USACE jurisdiction pursuant to Section 404 and 401 of the CWA and CDFW jurisdiction pursuant to Section 1602 et seq. of the California Fish and Game Code.

3.1.3. Wetlands

The project boundary and a 500-foot buffer were reviewed online to determine presence or absence of wetlands using USFWS's National Wetland Inventory (NWI) Wetland Mapper (USFWS 2026a). The USFWS is the principal federal agency responsible for monitoring and providing information on the extent, status, characteristics, and functions of the nation's wetlands, deepwater, and other aquatic habitats (USFWS 2026a). This inventory follows the national standard wetland classification system described in Cowardin et al. (2013). Wetlands are categorized based on landscape position, substrate, vegetation cover, and hydrologic regime under the Cowardin classification system (Cowardin et al. 2013). No wetlands are documented by the NWI within the BSA.

3.1.4. Critical Habitat, HCPs, and NCCPs

The project boundary and a 500-foot buffer were reviewed to determine the presence of USFWS-designated critical habitat, and whether the site is located within, or adjacent to, any approved or proposed Habitat Conservation Plans (HCPs) or Natural Community Conservation Plans (NCCPs). The USFWS's Environmental Conservation Online System (ECOS) was checked for the most current spatial data regarding final designated critical habitat for federally listed threatened and endangered species that may overlap the BSA (USFWS 2026b). Critical habitat consists of specific geographic areas containing physical or biological features essential for the conservation of threatened or endangered species and is designated by the USFWS pursuant to the federal ESA.

In addition, available spatial data containing HCP and NCCP boundaries were reviewed to determine whether the project site is located within or near an approved or developing HCP or NCCP. HCPs are planning tools prepared by non-federal entities, such as local governments, special districts, or private developers, and are reviewed and permitted by the USFWS (and, where applicable, NMFS) pursuant to Section 10 of the ESA. These plans outline anticipated impacts to federally listed species and establish

conservation measures to avoid, minimize, and mitigate impacts to the maximum extent practicable. NCCPs are large-scale, ecosystem-based conservation programs administered by CDFW, often in coordination with the USFWS for species with overlapping federal jurisdiction. These plans are developed by regional stakeholders to protect natural communities, support long-term biodiversity, and streamline environmental permitting for compatible development. The NCCP database was used to identify applicable planning areas, evaluate potential regulatory requirements, and assess whether regional conservation measures apply to the BSA.

3.1.5. Sensitive Vegetation Communities

The California Natural Diversity Database (CNDDB), managed by CDFW, was reviewed to determine whether sensitive vegetation communities are present on-site or in the surrounding area (CDFW 2026). Sensitive vegetation communities are defined as plant communities with limited distribution statewide, regional, or county distribution and are often considered vulnerable. These communities may or may not receive legal protection and may or may not support special-status plant species or their associated habitats.

3.1.6. Special Status Plants & Wildlife

Prior to conducting field surveys, a desktop literature review was completed to evaluate existing biological resources documentation relevant to the BSA. The most recent records from the USFWS Information for Planning and Consultation (IPaC) database (USFWS 2026a), CNDDB, managed by CDFW (CDFW 2026), and CNPS Electronic Inventory of Rare and Endangered Vascular Plants of California (CNPS 2026b) were reviewed for the USGS quadrangle containing the project area (Paradise East California USGS 7.5 minute quadrangle) and surrounding quadrangles (Paradise West, Cohasset, Stirling City, Kimshew Point, Pulga, Berry Creek, Cherokee, and Hamlin Canyon; California USGS 7.5 minute quadrangles).

Additionally, community-based and citizen science occurrence databases, including iNaturalist, eBird, and Calflora were reviewed to identify recent documented occurrences within or near the BSA (iNaturalist 2026, eBird 2026, Calflora 2026). These databases contain records of federally or state-listed endangered or threatened species, proposed endangered or threatened species, former federal Special of Concern, California Species of Special Concern (CSC), and otherwise special-status species or sensitive habitat that may occur within or in the immediate vicinity of the BSA.

3.1.7. Potential for Occurrence

A vegetation community or special-status species is considered to have potential to occur within the BSA if its known geographic range includes the BSA or an adjacent USGS 7.5-minute quadrangle and/or if suitable habitat or environmental conditions (e.g., soil type, substrate, aquatic resources, etc.) required to support the species is present. The criteria used to evaluate potential for occurrence (PFO) on the project site are presented in **Table 1**, *Criteria for Evaluating Special-Status Species Occurrences*. This returns in **Table 4**, *Special-Status Plant Species* and **Table 5**, *Special-Status Wildlife Species,* where special-status species found during the desktop literature review, as mentioned above, will have their potential to occur on-site ranked.

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*. These abbreviations return in **Table 4**, *Special-Status Plant Species* and **Table 5**, *Special-Status Wildlife Species,*

where special-status species found during the desktop literature review have their federal, state and CNPS listing status documented.

Table 1. Criteria for Evaluating Special-Status Species Occurrences

Potential for Occurrence	Criteria
None	Species was not observed during focused surveys conducted at an appropriate time for identification of the species and 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.

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

Designation	Abbreviation	Explanation
Federal	**FE**	Federally listed; Endangered
	FT	Federally listed; Threatened
	FPE	Federally Proposed for listing as Endangered
	FPT	Federally Proposed for listing as Threatened
	BGEPA	Bald and Golden Eagle Protection Act
	BCC	Bird of Conservation Concern
	BLM: S	Bureau of Land Management Sensitive
State	**SE**	State listed; Endangered
	ST	State listed; Threatened
	SCT	State Candidate for Threatened listing
	SCE	State Candidate for Endangered listing
	CDFW FP	Calif. Dept of Fish & Wildlife – Fully Protected
	CDFW SSC	Calif. Dept of Fish & Wildlife – Species of Special Concern
	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
	SNC	State Natural Communities rarity ranking: 1-3 are considered sensitive, R is Rare
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)

3.2. BIOLOGICAL RECONNAISSANCE-LEVEL SURVEY

A biological reconnaissance field survey was conducted within the BSA to evaluate the potential for occurrence of sensitive plant and wildlife species, sensitive vegetation communities, and habitats capable of supporting sensitive wildlife species. Survey activities included vegetation mapping, plant identification, and opportunistic wildlife observations. The survey was conducted on foot by HANA Associate Biologist Mr. Austin Isakson, between 0730 and 1000 hours on December 10th, 2025. Photographs were taken throughout the BSA to document existing site conditions (**Appendix A,** *Site Photographs*). Weather conditions during the survey included air temperatures ranging from approximately 49 to 53 degrees Fahrenheit, no cloud cover, no precipitation, and light winds ranging from 2 to 4 mph. Completed Biological Reconnaissance Survey Field Forms are provided in **Appendix B**, *Biological Reconnaissance Survey Field Forms*.

3.2.1. Vegetation Communities

Identification of vegetation communities is critical for understanding ecological processes of the area and for evaluating the potential for wildlife and plant species to occur. Vegetation communities within the BSA were identified, qualitatively described, and mapped using aerial imagery. Plant communities were classified in accordance with categories set forth in the California Native Plant Society (CNPS) Manual of California Vegetation Online (2026a).

3.2.2. Plants

Plant species and vegetation communities within the BSA were identified, with plant nomenclature following *The Jepson Manual: Higher Plants of California* (Hickman 2012; Jepson 2026). A comprehensive list of the plant species observed during the survey is provided in **Appendix C**, *Plant & Wildlife Species Observed/Detected On-site*.

3.2.3. Wildlife

All wildlife and wildlife signs observed during the survey, including tracks, scat, carcasses, burrows, excavations, and vocalizations, were recorded. Additional survey effort was focused on habitats most likely to be utilized by wildlife (e.g., undisturbed native habitat, and wildlife corridors) and habitats with the potential to support state- and/or federally listed or proposed listed species. Notes were recorded regarding general habitat types, species observed, and overall site conditions. Wildlife nomenclature follows standards set forth by the Society for the Study of Amphibians and Reptiles (Nicholson, K.E. 2025), the Checklist of North American Birds (Chesser et al. 2025), and Revised Checklist of North American Mammals North of Mexico (Bradley et al. 2014). A list of wildlife species observed during the site visit is provided in **Appendix C**, *Plant & Wildlife Species Observed/Detected On-site*.

SECTION 4. RESULTS

4.1. Literature Review

4.1.1. Soils

Following review of the USDA NRCS Web Soil Survey (USDA 2026) (**Appendix D**, *USDA NRCS Web Soil Survey*), the BSA was determined to be underlaid by the following soil type:

829 – Paradiso loam, 2 to 15 percent slopes
The Paradiso loam is characterized by a mean annual precipitation range of approximately 35 to 73 inches and a mean annual air temperature range of approximately 54°F to 59°F. The soil typically occurs at elevations ranging from approximately 1,220 to 3,730 feet. The Paradiso loam is comprised of slightly decomposed plant material, loam, clay loam, and clay, and the parent material consists of clayey residuum weathered from volcanic rock. The soil is well drained, exhibits medium runoff potential, and is not classified as a hydric soil.

4.1.2. USACE, SWRQCB, and CDFW Preliminary Jurisdictional Assessment

Prior to initiating the preliminary field delineation, a 50-foot-to-the-inch scaled topographic map, a scaled aerial photograph, and the Paradise East 7.5-minute USGS topographic quadrangle were reviewed to identify potential areas of jurisdiction under the USACE, SWRQCB, and/or CDFW. HANA biologists evaluated the BSA to identify potential USACE jurisdiction pursuant to Section 404 and 401 of the CWA CDFW jurisdiction pursuant to Section 1602 et seq. of the California Fish and Game Code. No features subject to USACE, SWRQCB, or CDFW jurisdiction were identified within the BSA.

4.1.3. Wetlands

Following review of the USFWS NWI Wetland Mapper, no wetlands were identified within the project site; however, one (1) wetland was identified within the 500-foot buffer of the BSA. This wetland is classified as R4SBA and is located east of the project site, and extends north to south, crossing Elliott Road near the intersection of James Drive and continuing underground beneath the baseball field (**Exhibit V,** *Wetlands*). An additional wetland classified as R4SBC is located approximately 250-feet east of the BSA along Elliott Road.

Descriptions of wetlands identified within and near the BSA, as indicated by the NWI Wetland Mapper and classified according to the Cowardin system (Cowardin et al. 2013), are provided below:

Table 3. Wetlands: Cowardin Classification

Cowardin Classification	Definition:
R4SBA	Riverine (R): Natural or artificial wetland contained within a channel that acts as an open conduit between two bodies of standing water.
	Intermittent (4): Contains flowing water only part of the year. Water may remain as surface water or as isolated pools when not flowing.
	Stream Bed (SB): Obligate to riverine systems, substrate varies greatly based on gradient of channel, velocity of water, and sediment present.
	Temporarily Flooded (A): Surface water is present for brief periods during the growing season,

Cowardin Classification	Definition:
	water table usually lies well below the ground surface for most of the year.
R4SBC	Riverine (R): Natural or artificial wetland contained within a channel that acts as an open conduit between two bodies of standing water.
	Intermittent (4): Contains flowing water only part of the year. Water may remain as surface water or as isolated pools when not flowing.
	Stream Bed (SB): Obligate to riverine systems, substrate varies greatly based on gradient of channel, velocity of water, and sediment present.
	Seasonally Flooded (C): Surface water is present for extended periods during the growing season but absent by end of season. The water table is variable, extending from at surface to well below ground.

4.1.4. Critical Habitat, HCPs, and NCCPs

The BSA does not overlap with any USFWS-designated critical habitat or any approved or proposed HCP or NCCP; however, the BSA is located within approximately 2 miles of proposed critical habitat for the North Feather Distinct Population Segment of the foothill yellow-legged frog (*Rana boylii*). Suitable habitat for this species is not present within the project site.

4.2. Potential For Occurrence

A map depicting CNDDB occurrences within a 5-mile radius of the project site is provided in **Exhibit VI,** *Special-Status Species within 5 Miles of the Site Location*.

Exhibit IV: Wetlands

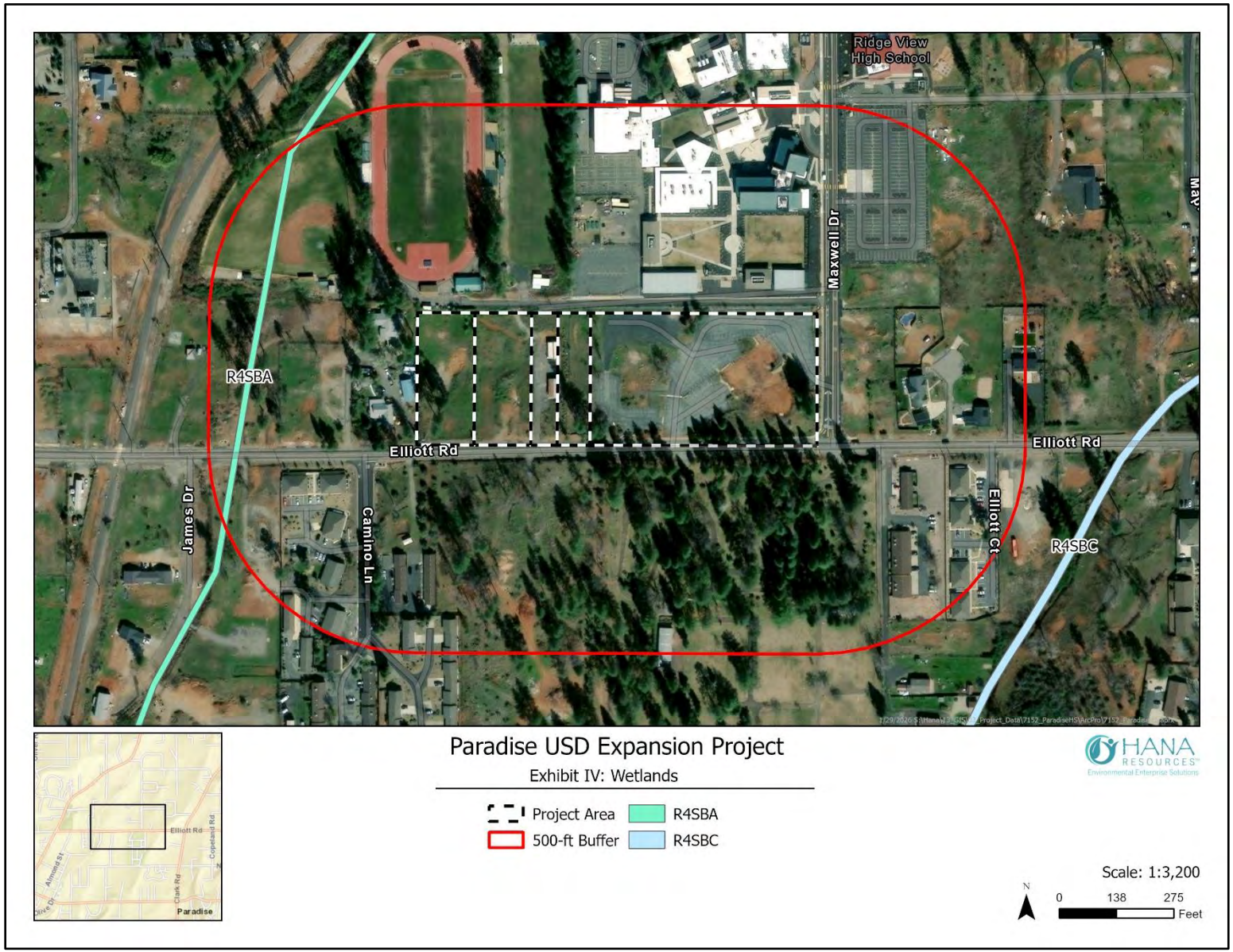
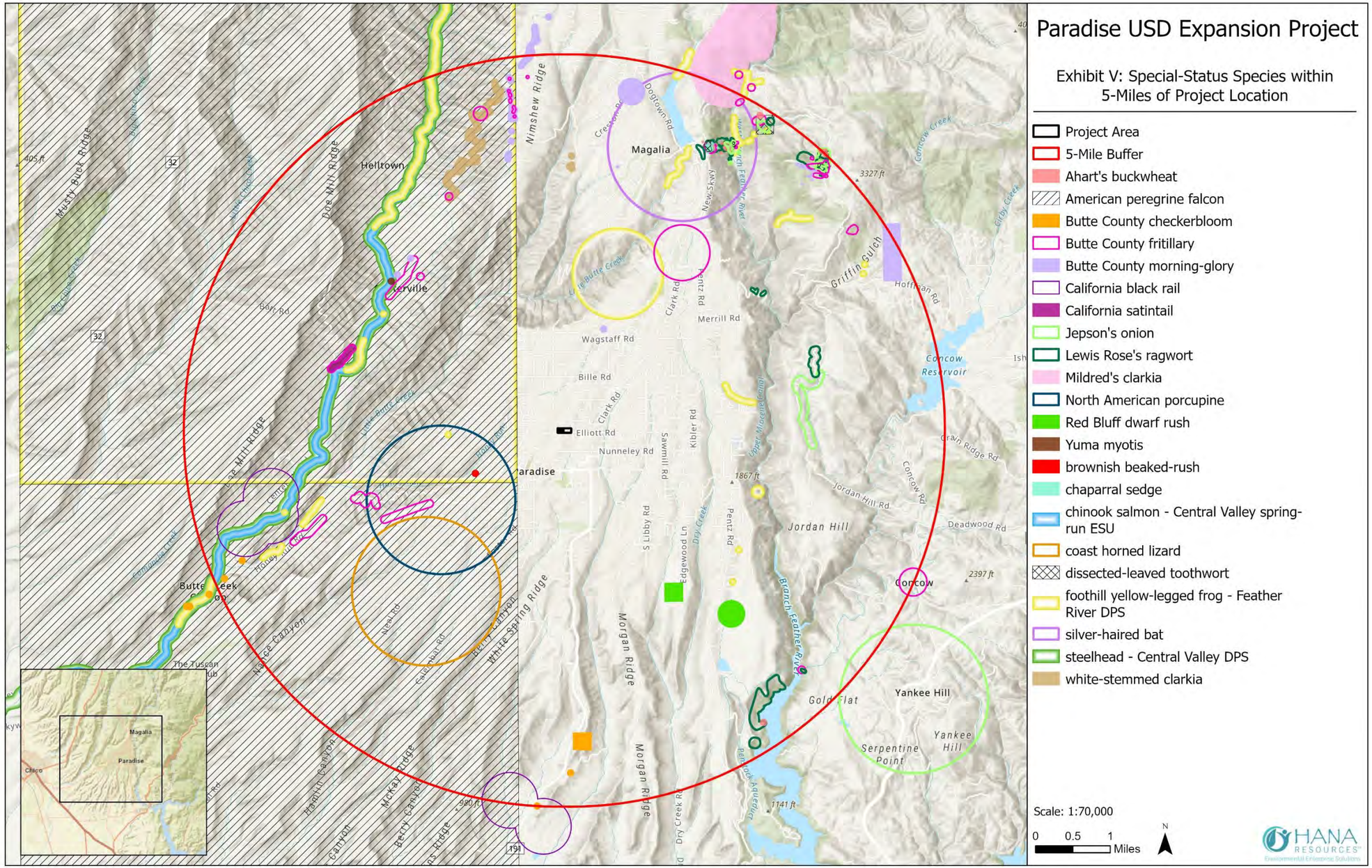


Exhibit V. Special-Status Species within 5 Miles of the Site Location



4.2.1. Sensitive Vegetation Communities

Sensitive vegetation communities are defined as plant communities with limited statewide, regional, or county distribution and are often considered vulnerable. These communities may or may not support special-status plant species or their associated habitats. The literature review identified no sensitive vegetation communities within a five-mile radius of the project site.

4.2.2. Special Status Plants & Wildlife

The literature review identified seventy-four (74) special-status plant species with known occurrences within the BSA or within a five-mile radius of the project site, as presented in **Table 4**, *Special-Status Plant Species*. Of these seventy-four (74) species, ten (10) were determined to have low potential for occurrence, and sixty-four (64) were determined to have no potential to occur within the BSA. Factors used to evaluate potential for occurrences included habitat suitability, soil type, disturbance associated with previous land use, and the date and spatial proximity of documented occurrences in CNDDB, Jepson eFlora, and Calflora (Calflora 2026). Reconnaissance-level plant surveys were conducted to assess the presence or absence within the BSA.

The literature review also identified thirty-one (31) special-status wildlife species with known occurrences within the BSA or within a five-mile radius of the project site, as presented in **Table 5**, *Special-Status Wildlife Species*. Of these thirty-one (31) special-status wildlife species, two (2) were observed within the BSA, sixteen (16) were determined to have low potential for occurrence, and thirteen (13) were determined to have no potential for occurrence. Factors used to evaluate potential for occurrence included habitat suitability, soil type, disturbance associated with previous land use, and the date and location of documented occurrences in CNDDB. Reconnaissance-level wildlife surveys were conducted to assess the presence or absence of special-status wildlife species within the BSA.

4.2.3. Potential for Occurrence

The potential for occurrence of special-status plant and wildlife species was evaluated based on the results of the literature review and reconnaissance-level field surveys, using the criteria described in Section 3.1.7. Species were assigned a potential for occurrence ranking reflecting habitat suitability, known distribution, site conditions, and survey results. Detailed evaluations for plant and wildlife species are presented in **Table 4** and **Table 5** respectively.

4.2.3.1. Special Status Plants

Table 4 summarizes the potential for occurrence of special-status plant species identified through the literature review and evaluated based on habitat conditions and reconnaissance-level survey results within the BSA.

4.2.3.2. Special Status Wildlife

Table 5 summarizes the potential for occurrence of special-status plant species identified through the literature review and evaluated based on habitat conditions and reconnaissance-level survey results within the BSA.

Table 4. Special-Status Plant Species

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
Listed Endangered, Threatened, Candidate and State Rare Plants: Plants with official status under the 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)	Status: FE, SR, CRPR: 1B.1	Lifeform: annual herb Bloom Period: May to September Elevation Range (amsl): 100 – 3,510 Habitat: grows in the bottom of dried vernal pools in open valley and foothill grasslands.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: annual herb Bloom Period: July - October Elevation Range (amsl): 80 - 820 Habitat: grows in relatively large, deep vernal pools among valley and foothill grasslands. Grows only in the summer after the pools dry.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	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	Lifeform: annual herb Bloom Period: April - June Elevation Range (amsl): 230 – 1,000 Habitat: damp sites near vernal pools in lower valleys (valley and foothill grasslands and vernal pools).	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Allium jepsonii	Jepson's onion	CRPR: 1B.2	Lifeform: perennial bulbiferous herb Bloom Period: April - August Elevation Range (amsl): 985 – 4,330 Habitat: serpentine or volcanic substrates within chaparral, cismontane woodlands, and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: perennial bulbiferous herb Bloom Period: May - September Elevation Range (amsl): 855 – 4,955 Habitat: chaparral, cismontane woodlands, and lower montane coniferous forests usually on heavy serpentine outcrops.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: moss Bloom Period: N/A Elevation Range (amsl): 330 – 3,280 Habitat: damp rocks, soil on outcrops, and usually on roadcuts in broadleaved upland forest, lower montane coniferous forest and North Coast coniferous forest.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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.
Arctostaphylos mewukka ssp. *Truei* (= *Arctostaphylos truei*)	True's manzanita	CRPR: 4.2	Lifeform: perennial evergreen shrub Bloom Period: February - July Elevation Range (amsl): 1,395 – 4,560	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
			Habitat: chaparral and lower montane coniferous forests. It is sometimes found along roadsides.			
Astragalus pauperculus	depauperate milk-vetch	CRPR: 4.3	Lifeform: annual herb Bloom Period: March - June Elevation Range (amsl): 195 – 3,985 Habitat: chaparral, cismontane woodlands, and valley and foothill grasslands on vernally mesic and volcanic soil.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: aquatic fern Bloom Period: August Elevation Range (amsl): 100 - 330 Habitat: ponds and slow-moving waters.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Botrychium crenulatum	scalloped moonwort	CRPR: 2B.2	Lifeform: perennial rhizomatous herb Bloom Period: July - September Elevation Range (amsl): 4,160 – 10,760 Habitat: bogs and fens, moist meadows near creeks, seeps, lower and upper montane coniferous forests, freshwater marshes and swamps. These moonworts may occur either in sun or shade, but most frequently in partial shade.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Botrychium minganense	Mingan moonwort	CRPR: 2B.2	Lifeform: perennial rhizomatous herb Bloom Period: July - September Elevation Range (amsl): 3,905 – 10,795 Habitat: bogs and fens, lower montane coniferous forests, and upper montane coniferous forests on mesic sites. Usually found along creek banks in mixed coniferous forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Botrychium montanum	western goblin (mountain moonwort)	CRPR: 2B.1	Lifeform: perennial rhizomatous herb Bloom Period: July - September Elevation Range (amsl): 4,805 – 7,155 Habitat: lower montane coniferous forests, meadows and seeps, and upper montane coniferous forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Brodiaea rosea ssp. *vallicola*	valley brodiaea	CRPR: 4.2	Lifeform: perennial herb Bloom Period: April - May Elevation Range (amsl): 35 – 1,100 Habitat: valley and foothill grasslands where they are often found near moist areas.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Brodiaea sierrae	Sierra foothills brodiaea	CRPR: 4.2	Lifeform: perennial herb Bloom Period: June - July Elevation Range (amsl): 165 – 3,215 Habitat: open areas of chaparral, cismontane woodlands, and lower montane coniferous forest.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA is located near documented sightings though it lacks suitable habitat and is highly modified.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
Bulbostylis capillaris	thread-leaved beakseed	CRPR: 4.2	Lifeform: annual grass-like herb Bloom Period: June - August Elevation Range (amsl): 1,295 – 6,810 Habitat: Thread-leaved beakseed is an found in lower montane coniferous forests and wetland-riparian corridors.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: annual herb Bloom Period: April - July Elevation Range (amsl): 295 – 3,100 Habitat: 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.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified. modern records place this species in the surrounding wild areas.
Calycadenia spicata	spicate calycadenia	CRPR: 1B.3	Lifeform: annual herb Bloom Period: May - September Elevation Range (amsl): 130 – 4,595 Habitat: open, disturbed, or slopped areas within valley and foothill grasslands as well as cismontane woodland.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the immediate area 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	Lifeform: perennial rhizomatous herb Bloom Period: May - July Elevation Range (amsl): 1,855 – 5,000 Habitat: 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.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA falls within the lower limits of the species' known elevation range. Furthermore, while it occurs in disturbed areas, the disturbances on-site are not new with vegetation already well established.
Carex xerophila	chaparral sedge	CRPR: 1B.2	Lifeform: perennial herb Bloom Period: March - June Elevation Range (amsl): 1,445 – 2,525 Habitat: chaparral, cismontane woodland, and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: hemiparasitic annual herb Bloom Period: April - June Elevation Range (amsl): 65 – 2,985 Habitat: chaparral (openings), cismontane woodlands, meadows and seeps, and valley and foothill grasslands.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: annual herb Bloom Period: May - July Elevation Range (amsl): 805 – 3,560 Habitat: foothill woodlands and chapparal. It is a narrow-range species, endemic to the foothills of the Sierras surrounding Butte county.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: annual herb Bloom Period: June - August	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the immediate area and limited historical occurrences in the county.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
			Elevation Range (amsl): 900 – 5,740 Habitat: openings in cismontane woodlands and lower montane coniferous forests often along roadcuts.			
Clarkia mosquinii	Mosquin's clarkia	CRPR: 1B.1	Lifeform: annual herb Bloom Period: May - July Elevation Range (amsl): 605 – 4,890 Habitat: cismontane woodlands and lower montane coniferous forests usually on steep, rocky cutbanks and slopes.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: perennial herb Bloom Period: May - October Elevation Range (amsl): 3,280 – 8,205 Habitat: wetlands like wet meadows, marshes, springs, or streambanks.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Claytonia parviflora ssp. *grandiflora*	streambank spring beauty	CRPR: 4.2	Lifeform: annual herb Bloom Period: February - April Elevation Range (amsl): 820 – 3,935 Habitat: moist areas of cismontane woodland and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: Perennial herb (rhizomatous) Bloom Period: April - August Elevation Range (amsl): 100 – 9,025 Habitat: serpentine seeps and along wet areas within marshes, forest openings, and steep slopes.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: perennial rhizomatous herb Bloom Period: March - August Elevation Range (amsl): 330 – 7,990 Habitat: seeps and along streambanks within shaded lower montane coniferous forests and north coast coniferous forests. They are found in mixed evergreen, mixed conifer, and Douglas-fir forests and in pine and black oak stands.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: perennial rhizomatous herb Bloom Period: May - October Elevation Range (amsl): 490 – 7,515 Habitat: lower montane coniferous forests, riparian woodlands, and upper montane coniferous forests. It is found in moist areas in woods, shaded edges of creeks, talus slopes.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: perennial herb Bloom Period: April - September Elevation Range (amsl): 1,495 – 6,825 Habitat:	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified, modern records place this species in the surrounding wild areas.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
			open areas 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.			
Erigeron petrophilus var. *sierrensis*	northern Sierra daisy	CRPR: 4.3	Lifeform: perennial rhizomatous herb Bloom Period: June - October Elevation Range (amsl): 985 – 6,800 Habitat: chaparral, cismontane woodlands, lower montane coniferous forests, and upper montane coniferous forests. Found on ledges and rocky foothills to montane forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified, modern records place this species in the surrounding wild areas.
Eriogonum umbellatum var. *ahartii*	Ahart's buckwheat	CRPR: 1B.2	Lifeform: perennial herb Bloom Period: June - September Elevation Range (amsl): 1,310 – 6,560 Habitat: serpentine soils in chaparral and openings in cismontane woodlands.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified, modern records place this species in the surrounding wild areas.
Eriophorum gracile	slender cottongrass	CRPR: 4.3	Lifeform: perennial grass-like herb Bloom Period: May - September Elevation Range (amsl): 4,200 – 9,515 Habitat: seeps, bogs, fens, and wet meadows within upper montane coniferous forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Erythranthe filicifolia	fern-leaved monkeyflower	CRPR: 1B.2	Lifeform: annual herb Bloom Period: April - June Elevation Range (amsl): 1,360 – 5,610 Habitat: ephemeral seeps amongst granitic slabs within chaparral, foothill grasslands, and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: annual herb Bloom Period: February - Aug Elevation Range (amsl): 195 – 4,070 Habitat: seeps and riparian corridors within valley and foothill grasslands, cismontane woodlands, and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified, modern records place this species in the surrounding wild areas.
Erythranthe inconspicua	small-flowered monkeyflower	CRPR: 4.3	Lifeform: annual herb Bloom Period: May - June Elevation Range (amsl): 900 – 2,495 Habitat: mesic and upland areas within chaparral, cismontane woodlands, and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: shrub Bloom Period: May - July Elevation Range (amsl): 2,705 – 6,330 ft Habitat: chaparral, lower and upper montane coniferous forests, and montane meadows. Typically associated with serpentine soils.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
Fritillaria eastwoodiae	Butte County fritillary	CRPR: 3.2	Lifeform: perennial bulbiferous herb Bloom Period: March - June Elevation Range (amsl): 165 – 4,920 ft Habitat: 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.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified, modern records place this species in the surrounding wild areas.
Githopsis pulchella ssp. *serpentinicola*	serpentine bluecup	CRPR: 4.3	Lifeform: annual herb Bloom Period: May - June Elevation Range (amsl): 1,050 – 2,000 ft Habitat: foothill woodlands and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern occurrences in the nearby area.
Hesperevax caulescens	hogwallow starfish	CRPR: 4.2	Lifeform: annual herb Bloom Period: Mar - June Elevation Range (amsl): 0 – 1,655 ft Habitat: wet clay soils and shallow vernal pools within valley and foothill grasslands as well as foothill woodlands.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Hesperocyparis bakeri	Baker cypress	CRPR: 4.2	Lifeform: tree Bloom Period: N/A Elevation Range (amsl): 2,690 – 6,545 ft Habitat: serpentine and volcanic soils within chaparral and lower montane coniferous forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Hibiscus lasiocarpos var. *occidentalis*	woolly rose-mallow	CRPR: 1B.2	Lifeform: perennial herb Bloom Period: June - September Elevation Range (amsl): 0 – 395 ft Habitat: freshwater wetlands and riparian corridors along streams, marshes, and other moist areas.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Imperata brevifolia	California satintail	CRPR: 2B.1	Lifeform: perennial rhizomatous herb Bloom Period: September - May Elevation Range (amsl): 0 – 3,985 ft Habitat: mesic sites within chaparral, coastal scrub, Mojavean desert scrub, meadows and seeps (often alkali), and riparian scrub.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA contains minimal, degraded, habitat; the species has no modern occurrences in the county with limited historical documentation.
Juncus leiospermus var. *leiospermus*	Red Bluff dwarf rush	CRPR: 1B.1	Lifeform: annual herb Bloom Period: March - June Elevation Range (amsl): 115 – 4,100 ft Habitat: vernally moist habitats, including vernal pools, within meadows and seeps, valley and foothill grasslands, chaparral, and cismontane woodlands habitats.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	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	Lifeform: annual herb Bloom Period: April - May Elevation Range (amsl): 330 – 3,595 ft	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA contains minimal, degraded, habitat but the species has no modern occurrences in the area with limited historical documentation.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
			Habitat: 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.			
Lewisia cantelovii	Cantelow's lewisia	CRPR: 1B.2	Lifeform: perennial herb Bloom Period: March - Oct Elevation Range (amsl): 1,085 – 4,495 ft Habitat: variety of habitats and microhabitats such as granite cliffs, rocky outcrops, seeps, and ravines within chaparral, woodlands, mixed woodlands, and montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Lilium humboldtii ssp. *humboldtii*	Humboldt lily	CRPR: 4.2	Lifeform: perennial bulbiferous herb Bloom Period: May - July Elevation Range (amsl): 295 – 4,200 ft Habitat: openings within chaparral, cismontane woodlands, and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified, modern records place this species in the surrounding wild areas.
Mielichhoferia elongata	elongate copper moss	CRPR: 4.3	Lifeform: moss Bloom Period: June - July Elevation Range (amsl): 0 – 6,430 ft Habitat: openings within oak savanna and cismontane woodlands. Found on metamorphic rock outcrops.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks the metamorphic rock outcroppings for which this species occurs.
Monardella venosa	veiny monardella	CRPR: 1B.1	Lifeform: annual herb Bloom Period: May - July Elevation Range (amsl): 195 – 1,345 ft Habitat: heavy clay soils in cismontane woodlands and valley and foothill grasslands. The plants are found only on lenses of dark gray, deeply cracking clay within alluvium.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Navarretia heterandra	Tehama navarretia	CRPR: 4.3	Lifeform: annual herb Bloom Period: April - June Elevation Range (amsl): 100 – 3,315 ft Habitat: mesic sites in valley and foothill grasslands and in vernal pools.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified, modern records place this species in the surrounding wild areas.
Packera eurycephala var. *lewisrosei*	Lewis Rose's ragwort	CRPR: 1B.2	Lifeform: perennial herb Bloom Period: March - September Elevation Range (amsl): 900 – 6,200 ft Habitat: serpentine substrates within chaparral, cismontane woodlands, and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Peltigera gowardii	western waterfan lichen	CRPR: 4.2	Lifeform: lichen Bloom Period: N/A Elevation Range (amsl): 3,495 – 8,595 ft Habitat: on rocks in cold water creeks within riparian forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
Penstemon personatus	closed-throated beardtongue	CRPR: 1B.2	Lifeform: perennial herb Bloom Period: June - October Elevation Range (amsl): 3,495 – 6,955 ft Habitat: chaparral and lower and upper montane coniferous forests, 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.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Perideridia bacigalupii	Bacigalupi's yampah	CRPR: 4.2	Lifeform: perennial herb Bloom Period: June – August Elevation Range (amsl): 1,475 – 4,120 ft Habitat: chaparral, oak woodlands and lower montane pine forests/woodlands. Sites in which it occurs include open rocky areas, chaparral openings, slopes, and road cuts.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Piperia colemanii	Coleman's rein orchid	CRPR: 4.3	Lifeform: perennial herb Bloom Period: June - August Elevation Range (amsl): 3,935 – 7,545 ft Habitat: openings of cismontane woodlands and montane coniferous forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Poa sierrae	Sierra blue grass	CRPR: 1B.3	Lifeform: perennial grasslike herb Bloom Period: April - June Elevation Range (amsl): 1,200 – 4,920 ft Habitat: shady or moist areas in lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Polygonum bidwelliae	Bidwell's knotweed	CRPR: 4.3	Lifeform: annual herb Bloom Period: April - July Elevation Range (amsl): 195 – 3,935 ft Habitat: volcanic soils within valley and foothill grasslands, chaparral, and cismontane woodland.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: Low	The BSA lacks suitable habitat and is highly modified but is widely documented in the surrounding area.
Rhynchospora californica	California beaked-rush	CRPR: 1B.1	Lifeform: perennial rhizomatous herb Bloom Period: May - July Elevation Range (amsl): 150 – 3,315 ft Habitat: marshes and swamps (predominantly freshwater, rarely coastal), bogs and fens, wet meadows and seeps (often in canyons or on hillsides).	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Rhynchospora capitellata	brownish beaked-rush	CRPR: 2B.2	Lifeform: perennial herb Bloom Period: July - August Elevation Range (amsl): 150 – 6,560 ft Habitat: mesic sites within lower montane coniferous forests, meadows and seeps, marshes and swamps, and upper montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Rupertia hallii	Hall's rupertia	CRPR: 1B.2	Lifeform: perennial herb Bloom Period: June - September Elevation Range (amsl): 1,790 – 7,380 ft	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
			Habitat: cismontane woodlands and lower montane coniferous forests on gentle slopes and woodlands openings, sometimes on disturbed sites such as roadsides and timber harvest areas.			
Sagittaria sanfordii	Sanford's arrowhead	CRPR: 1B.2	Lifeform: perennial rhizomatous herb Bloom Period: May - November Elevation Range (amsl): 0 – 2,135 ft Habitat: marshes and swamps (assorted shallow freshwater). It is also found growing in ditches, sloughs, ponds or slow-moving streams with silty or muddy substrates.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Scytinium siskiyouense	Siskiyou jellyskin lichen	CRPR: 1B.1	Lifeform: lichen Bloom Period: N/A Elevation Range (amsl): 2,085 – 4,790 ft Habitat: lower montane coniferous forests and north coast coniferous forests where they are typically found growing on the bark of oaks and chinquapin.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Sedum albomarginatum	Feather River stonecrop	CRPR: 1B.2	Lifeform: perennial herb Bloom Period: May - June Elevation Range (amsl): 855 – 6,400 ft Habitat: Crevices and on ledges of serpentine outcrops and slopes in chaparral and lower montane coniferous forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks the habitat for which this species is associated.
Sidalcea gigantea	giant checkerbloom	CRPR: 4.3	Lifeform: perennial herb Bloom Period: July - September Elevation Range (amsl): 2,200 – 6,400 ft Habitat: seeps, along stream margins, and other moist areas within mid to upper coniferous forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Sidalcea robusta	Butte County checkerbloom	CRPR: 1B.2	Lifeform: perennial rhizomatous herb Bloom Period: April - June Elevation Range (amsl): 295 – 5,250 ft Habitat: chaparral and foothill woodlands and savannahs, often dominated by blue oaks, and occasionally at the ecotone with chaparral.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Streptanthus drepanoides	sickle-fruit jewelflower	CRPR: 4.3	Lifeform: annual herb Bloom Period: April - June Elevation Range (amsl): 900 – 5,445 ft Habitat: serpentine soils within open areas of chaparral and yellow-pine forests.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks suitable habitat and is highly modified, lacks modern records in the nearby area.
Streptanthus longisiliquus	long-fruit jewelflower	CRPR: 4.3	Lifeform: perennial herb Bloom Period: April - September Elevation Range (amsl): 2,345 – 4,920 ft Habitat: openings of cismontane woodlands and lower montane coniferous forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal, State, and CNPS Status	General Habitat Description in California	BSA Within Elevation Range? (1,800-1,870 ft amsl)	Potential For Occurrence in the BSA	Occurrence Rationale
Viola tomentosa	felt-leaved violet	CRPR: 4.2	Lifeform: perennial herb Bloom Period: May - October Elevation Range (amsl): 4,710 – 6,560 ft Habitat: dry, gravelly locations in lower and upper montane coniferous forests as well as subalpine coniferous forests.	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.
Aspidotis carlotta-halliae	Carlotta Hall's lace fern	CRPR: 4.2	Lifeform: fern Bloom Period: January - December Elevation Range (amsl): 330 – 4,595 ft Habitat: rock outcroppings and crevices within chaparral and foothill woodlands.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks the habitat for which this species is associated.
Calochortus syntrophus	Callahan's mariposa-lily	CRPR: 1B.1	Lifeform: perennial bulbiferous herb Bloom Period: May - June Elevation Range (amsl): 1,725 – 3,755 ft Habitat: open rocky areas and mesic soils within cismontane woodland, valley and foothill grasslands	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks the habitat for which this species is associated.
Cardamine pachystigma var. *dissectifolia*	dissected-leaved toothwort	CRPR: 1B.2	Lifeform: perennial rhizomatous herb Bloom Period: February - May Elevation Range (amsl): 835 – 6,890 ft Habitat: generally mesic sites, habitats include shady slopes/ravines, mixed woodlands, coniferous forests, and riparian zones of streams.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks the habitat for which this species is associated.
Clarkia mildrediae ssp. *mildrediae*	Mildred's clarkia	CRPR: 1B.3	Lifeform: Annual herb Bloom Period: May - August Elevation Range (amsl): 805-5,610 ft Habitat: found in cismontane woodlands and lower montane coniferous forests on decomposed granite.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks the habitat for which this species is associated.
Leptosiphon ambiguus	serpentine leptosiphon	CRPR: 4.2	Lifeform: annual herb Bloom Period: March - June Elevation Range (amsl): 395-3,710 ft Habitat: serpentine soils within Valley and foothill grassland and open areas within costal scrub and woodlands.	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks the habitat for which this species is associated.
Navarretia subuligera	awl-leaved navarretia	CRPR: 4.3	Lifeform: annual herb Bloom Period: April - August Elevation Range (amsl): 490-3,610 ft Habitat: mesic rocky areas within chaparral, cismontane woodland, and Lower montane coniferous forest	BSA Within Elevation Range: Yes	Potential For Occurrence in the BSA: None	The BSA lacks the habitat for which this species is associated.
Penstemon heterodoxus var. *shastensis*	Shasta beardtongue	CRPR: 4.3	Lifeform: perennial herb Bloom Period: May - September Elevation Range (amsl): 3,610-7,875 ft Habitat: broadleaved upland forest, chaparral, lower montane coniferous forest, meadows and seeps, upper montane coniferous forest	BSA Within Elevation Range: No	Potential For Occurrence in the BSA: None	The BSA falls outside of this species' known elevation range.

Legend and Notes

Notes:

- The BSA contains approximate elevations of 1,800 to 1,870 ft above mean sea level (amsl).
- The BSA encompasses disturbed habitat and development, including surrounding neighborhoods, and other undeveloped lots.
- **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.
- **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 from 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).

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.
- **Shrubs:** smaller woody perennials that retain most of their above-ground woody tissue and are typically many-stemmed.
- **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.

Legend and Notes

CNPS California Rare Plant Ranks: 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 CRPR). 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 CRPR 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.

CNPS California Rare Plant Ranks 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.

- **.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).

Table 5. Special-Status Wildlife Species

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal and State Status	General Habitat Descriptions in California	Potential For Occurrence in the BSA	Occurrence Rationale
Listed Endangered, Threatened, and Candidate Wildlife: Wildlife with official status under the 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	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.	Potential For Occurrence in the BSA: None	The BSA lacks the exposed rocky stream for which this species is known to inhabit.
Rana draytonii	California red-legged frog	FT, CDFW: SSC	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. 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.	Potential For Occurrence in the BSA: None	The BSA falls within the historic range of this species with no modern records of occurrence in the area.
Spea hammondii	Western spadefoot	FPT, CDFW: SSC	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.	Potential For Occurrence in the BSA: None	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,	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 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.	Potential For Occurrence in the BSA: Low	The BSA lacks sufficient foraging habitat and prey species. Occurrence limited to potential temporary perching on pine trees located on the BSA.
Gymnogyps californianus	California condor	FE, SE, CDFW: FP,	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.	Potential For Occurrence in the BSA: None	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	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	Potential For Occurrence in the BSA: Low	The BSA lacks the nearby water bodies for which this species is tied to, occurrence potential limited to temporary perching.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal and State Status	General Habitat Descriptions in California	Potential For Occurrence in the BSA	Occurrence Rationale
			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.		
Stric occidentalis occidentalis	California spotted owl	FT, ST	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.	Potential For Occurrence in the BSA: Low	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, CDFW: FP	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.	Potential For Occurrence in the BSA: None	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.	Potential For Occurrence in the BSA: None	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.	Potential For Occurrence in the BSA: None	The BSA lacks aquatic habitat to support this species.
Listed Invertebrates					
Branchinecta conservatio	Conservancy fairy shrimp	FE	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 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.	Potential For Occurrence in the BSA: None	The BSA contains wetland habitat, ephemeral or temporary pooling of water, however the site 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.).	Potential For Occurrence in the BSA: Low	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.	Potential For Occurrence in the BSA: None	The BSA lacks all suitable habitat and occurs in an urbanized enough area to discourage use or travel through the area.
Listed Reptiles					

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal and State Status	General Habitat Descriptions in California	Potential For Occurrence in the BSA	Occurrence Rationale
Actinemys marmorata (=*Actinemys marmorata marmorata*)	Northwestern pond turtle (=northern western pond turtle)	FPT, CDFW: SSC,	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.	Potential For Occurrence in the BSA: None	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 trees. Nest constructed by both adults.	Potential For Occurrence in the BSA: Low	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.	Potential For Occurrence in the BSA: Low	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.	Potential For Occurrence in the BSA: Low	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 California red forest than 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.	Potential For Occurrence in the BSA: Low	The BSA contains some conifers but lacks the characteristics of where they typically occur. Occurrence potential limited to foraging opportunities.
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.	Potential For Occurrence in the BSA: Low	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.	Potential For Occurrence in the BSA: Low	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.	Potential For Occurrence in the BSA: Low	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	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 as 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.	Potential For Occurrence in the BSA: None	The BSA does not contain the salt marsh or marsh habitat for which this species is known to inhabit.

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal and State Status	General Habitat Descriptions in California	Potential For Occurrence in the BSA	Occurrence Rationale
Falco peregrinus anatum	American peregrine falcon	BCC	The American peregrine falcon is a recovered species, having been removed from both federal and state endangered species lists. It occupies a wide range of open habitats, including tundra, marshes, seacoasts, savannahs, and high mountains, and breeds in environments such as woodlands, forests, wetlands, agricultural areas, coastal regions, and cities. Nesting typically occurs on open ledges, caves, or potholes on high, vertical cliffs 100 to 300 feet tall, often overlooking rivers, lakes, or the ocean, though some pairs also nest on buildings and bridges in urban areas. Mountain valleys and river gorges with steep cliffs are especially favored, and nest sites are usually found below 9,500 feet elevation. Riparian zones and both coastal and inland wetlands serve as important habitat throughout the year, particularly during the non-breeding season.	Potential For Occurrence in the BSA: None	The BSA lacks foraging and breeding habitat to support this species though the surrounding 5-mile area has sightings.
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.	Potential For Occurrence in the BSA: Low	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	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.	Potential For Occurrence in the BSA: Low	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 mammals such as voles (*Microtus* spp.), insects, and the occasional small bird.	Potential For Occurrence in the BSA: None	The BSA lacks open grasslands and fields that these species are typically associated with. This species occupies the valley bottom.
Dryobates nuttallii	Nuttall's woodpecker	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*), and blackberries (*Rubus* spp.).	Potential For Occurrence in the BSA: Present	The BSA contains oak trees, a genus associated with the species but lacks suitable habitat to support nesting or roosting. Occurrence is limited to utilization of trees and blackberry on-site for forage.
Baeolophus inornatus	Oak titmouse	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.	Potential For Occurrence in the BSA: Present	The BSA lacks suitable nesting and roosting habitat, occurrence limited to foraging for acorns and insects.
Sensitive Mammals					
Lasionycteris noctivagans	Silver-haired bat	BLM: S	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.	Potential For Occurrence in the BSA: Low	The BSA lacks suitable roosting habitat but contains open habitat that may be utilized for foraging. Modern occurrences in this area are rare.
Myotis yumanensis	Yuma myotis	BLM: S	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.	Potential For Occurrence in the BSA: Low	The BSA lacks suitable roosting habitat but contains open habitat that may be utilized for foraging. Modern occurrences in this area are rare.
Sensitive Reptiles					

Scientific Name (=Synonym)	Common Name (=Synonym)	Federal and State Status	General Habitat Descriptions in California	Potential For Occurrence in the BSA	Occurrence Rationale
Phyrnosoma blainvillii	Coast horned lizard	BLM: S, CDFW: SSC	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.	Potential For Occurrence in the BSA: Low	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

- **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.

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.

Legend and Notes

- **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.
- **California Code of Regulations [CCR], Title 14 § 460**: There is to be no take at any time for Fisher, marten, river otter, desert kit fox and red fox.

Global Ranking

The global rank (G-rank) reflects 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:

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-LEVEL SURVEY

4.3.1. Vegetation

Vegetation within the BSA was documented during the biological reconnaissance survey to characterize existing plant communities, evaluate habitat conditions, and inform the assessment of potential impacts to biological resources. Vegetation communities were identified, mapped, and qualitatively described based on field observations and aerial imagery, in accordance with the CNPS Manual of California Vegetation. The vegetation communities identified within the BSA are described below.

4.3.1.1. Vegetation Communities Descriptions

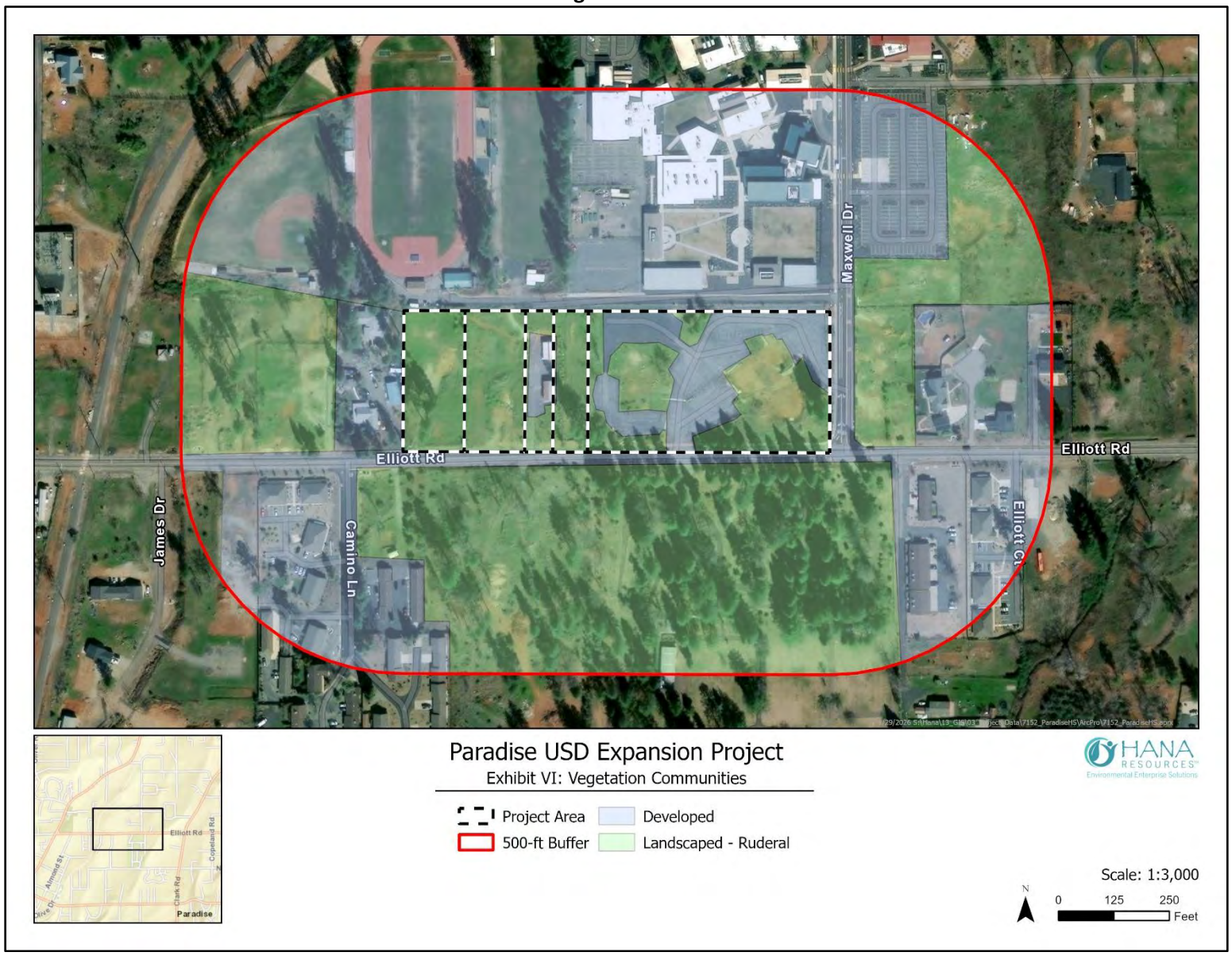
The BSA was found to support one vegetation community, with the remaining areas characterized as developed and largely lacking vegetation. A description of the vegetation community identified within the BSA is provided below. A map illustrating all on-site plant communities is included in **Exhibit VII,** *Vegetation Communities.*

Landscaped-Ruderal
This vegetation community is comprised of landscaped areas associated with the site's previous use as a church, business, and residential properties, combined with ruderal vegetation resulting from limited or absent vegetation management. This community also extends into the surrounding areas where school fields, residential parcels, and a neighboring cemetery are dominated by landscaped grass with occasional ornamental plants.

The former church parcel is largely developed with asphalt covering most of the property. Vegetation present on-site is dominated by non-native ornamental species, including Japanese cheesewood (*Pittosporum tobira*), Swedish cotoneaster (*Cotoneaster* spp.), and greater periwinkle (*Vinca major*). Native species occur intermittently along the perimeter of the property, including California black oak (*Quercus kelloggii*) and gymnosperms such as Ponderosa pine (*Pinus ponderosa*) along the Elliott Road, as well as whiteleaf manzanita (*Arctostaphylos viscida*) and Lemmon's ceanothus (*Ceanothus lemmonii*) along the shared fenceline with the school.

The remaining three parcels are also largely landscaped. The eastern parcel is developed and consists of a former business site with a gravel driveway and temporary structures. The remaining two parcels were previously developed with residential housing that has since been removed and now support ruderal landscaped vegetation. Vegetation in these areas includes grasses (*Bromus* spp. and *Cortaderia selloana),* a fruit tree *(prunus* spp.*), a*nd Himalayan blackberry (*Rubus armeniacus).* Native tree species, including ponderosa pine and California incense-cedar (*Calocedrus decurrens*), are also present within these parcels.

Exhibit VI: Vegetation Communities



4.3.1.2. Sensitive Natural Communities

Sensitive natural communities are defined as plant communities with limited statewide, regional, or county distribution and are often considered vulnerable. These communities may or may not support special-status plants or their associated habitats. The literature review and biological reconnaissance survey identified no sensitive natural communities within the BSA.

4.3.2. Plant Species

General Observations
Plant species observed during the biological reconnaissance survey were characteristic of existing site conditions. The survey area is largely developed and disturbed, with vegetation dominated by non-native ornamental and ruderal species associated with landscaping and previous land uses. A complete list of plan species detected within the BSA is provided in **Appendix C**, *Plant and Wildlife Species Observed/Detected On-site*.

Special-Status Species
Of the seventy-four (74) special-status plant species identified during the literature review, ten (10) were determined to have low potential for occurrence and sixty-four (64) were determined to have no potential to occur within the BSA. All species with low potential for occurrence are sensitive but unlisted. Due to the developed and disturbed nature of the site and the absence of suitable habitat, no special-status plant species were observed during the survey. No focused botanical surveys are required.

4.3.3. Wildlife

General Observations
Wildlife species observed or detected during the reconnaissance survey were characteristic of existing site conditions. A complete list of wildlife species detected within the BSA is provided in **Appendix C**, *Plant & Wildlife Species Observed/Detected On-site*.

Birds
Fifteen (15) species were observed/detected within the BSA during the reconnaissance field survey, including:

- Ruby-crowned kinglet (*Corthylio calendula*)
- Black phoebe (*Sayornis nigricans*)
- California towhee (*Melozone crissalis*)
- House sparrow (*Passer domesticus*)
- American robin (*Turdus migratorius*)
- Lesser goldfinch (*Spinus psaltria*)
- Brown creeper (*Certhia americana*)
- Anna's hummingbird (*Calypte anna*)
- Common raven (*Corvus corax*)
- Dark-eyed junco (*Junco hyemalis*)
- Acorn woodpecker (*Melanerpes formicivorus*)
- Nuttall's woodpecker (*Dryobates nuttallii*)
- Stellar's jay (*Cyanocitta stelleri*)
- Oak titmouse (*Baeolophus inornatus*)
- American pipit (*Anthus rubescens*)

Special-Status Species
Of the thirty-one (31) special-status wildlife species identified in the literature review, two (2) were observed, sixteen (16) were determined to have low potential for occurrence, and thirteen (13) species

were determined to have no potential for occurrence within the BSA. The two species observed were birds designated as Birds of Conservation Concern, which are considered sensitive but are not state- or federally listed, and include the Nuttall's woodpecker and the oak titmouse. Both species were detected south of the project site, across Elliott Road within the adjacent cemetery, and no breeding behavior was observed during the reconnaissance survey.

The sixteen (16) species determined to have low potential for occurrence included:

- Monarch Butterfly (*Danaus plexippus*)
- Golden eagle (*Aquila chrysaetos*)
- Bald Eagle (*Haliaeetus leucocephalus*)
- California spotted owl (*Strix occidentalis occidentalis*)
- California thrasher (*Toxostoma redivivum*)
- Cassin's finch (*Haemorhous cassinii*)
- Long-eared owl (*Asio otus*)
- Olive-sided flycatcher (*Contopus cooperi*)
- Western screech-owl (*Megascops kennicottii*)
- Bullock's oriole (*Icterus bullockii*)
- Wrentit (*Chamaea fasciata*)
- White-headed woodpecker (*Leuconotopicus albolarvatus*)
- Lawrence's goldfinch (*Spinus lawrencei*)
- Silver-haired myotis (Lasionycteris *noctivagans*)
- Yuma myotis (*Myotis yumanensis*)
- Coast horned lizard (*Phrynosoma blainvillii)*

Four (4) of the species with low potential for occurrence are state- or federally listed, including the monarch butterfly, golden eagle, bald eagle, and California spotted owl. The monarch butterfly has low potential for occurrence due to its wide-ranging and unpredictable dispersal behavior and the presence of low-quality foraging habitat within the BSA. The three (3) listed bird species have low potential for occurrence due to their highly mobile nature and the presence of limited perching opportunities provided by scattered California black oak, California incense-cedar, and ponderosa pine within the BSA. Nesting and foraging opportunities within the BSA are limited due to site disturbance and proximity to a busy roadway and an active high school campus; higher quality habitat is available in the surrounding area.

The remaining twelve (12) species with low potential for occurrence are sensitive but unlisted. For these species, low potential is attributed to limited habitat suitability within the BSA and the highly mobile or transient nature of many of the bird species. Although minimal foraging opportunities may occur, nesting habitat within the BSA is limited due to disturbance. The Yuma myotis and silver-haired myotis both lack suitable roosting habitat but have open areas on which to forage. The coast horned lizard while lacking suitable habitat within the BSA, has been documented in the surrounding area.

SECTION 5. CONCLUSIONS AND RECOMMENDATIONS

5.1. Wetlands

The biological reconnaissance field visit conducted on December 10, 2025, did not identify any previously undocumented wetlands within areas proposed for project-related ground disturbance.

Aquatic features, located within or adjacent to the BSA, including wetlands identified within the surrounding area, shall be avoided to the maximum extent practicable and minimally disturbed through implementation of BMPs. As part of preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP), erosion control measures and stormwater BMPs shall be incorporated into construction plans, as the project site is located at the top of a slope that drains toward mapped aquatic features or drainages. These measures may include straw wattles, silt fencing, or stabilized construction entrances to prevent sediment transport.

Construction activities adjacent to potential aquatic resources shall be scheduled, to the extent practicable, during the dry season (typically May through October) to reduce the risk of hydrologic disruption and erosion. If construction must occur during the wet season (typically November through April), enhanced sediment and erosion control measures shall be implemented, such as multiple rows of silt fencing or wattles, sediment traps, or equivalent measures. All disturbed soils shall be stabilized as soon as practicable following construction using native seed mixes, erosion control blankets, or other agency-approved stabilization methods.

To ensure compliance with avoidance and minimization measures, a qualified environmental monitor shall conduct a regular inspections during active construction occurring within or adjacent to aquatic resources, and following rainfall events, as appropriate, to verify implementation and effectiveness of BMPs. The qualified monitor shall have the authority to temporarily halt construction if non-compliance is observed until corrective actions are implemented.

In accordance with California Fish and Game Code § 1600 et seq., the project proponent shall notify CDFW prior to construction to determine whether a Lake and Streambed Alteration Agreement (LSAA) is required. If CDFW determines that jurisdictional resources are present or may be impacted, the project shall obtain and comply with an LSAA prior to initiation of work in those areas.

5.2. Critical Habitat, HCPs, and NCCPs

The BSA does not overlap with any designated critical habitat, HCPs, or NCCPs; however, proposed critical habitat for the North Feather Distinct Population Segment of the foothill yellow-legged frog (*Rana boylii*) is located approximately 2 miles from the BSA. The BSA lacks suitable habitat to support this species and is sufficiently distant from known occurrences such that movement into the BSA is not expected. Therefore, no impacts to designated or proposed critical habitat are anticipated.

5.3. Vegetation Communities

No native vegetation communities occur within the project site. The BSA, particularly the former church parcels, is largely developed, with undeveloped areas comprised primarily of landscaped vegetation and minor ruderal species invasion. Isolated native trees are present within the BSA, and project plans indicate that existing oak and pine trees on the former church parcel will be retained and protected.

5.4. Plants

None of the seventy-four (74) special-status plant species identified during the literature review were observed within the BSA. Due to the highly developed and maintained conditions of the BSA and absence of suitable habitat, special-status plant species are not expected to occur within the project area. .Accordingly, no focused botanical surveys are required.

Paradise municipal code requires a permit for removal of trees either 31-inches or greater in circumference or 10-inches or greater in diameter at breast height. They define breast height as four (4) feet and six (6) inches above natural grade. As several trees likely meet this size minimum, it is recommended that a qualified arborist conduct an inventory of on-site trees if removal is proposed. The arborist can also provide recommendations for protection of retained trees during construction.

5.5. Wildlife

The BSA has the potential to support general nesting by avian species. Nesting could occur throughout the BSA, particularly within areas containing trees and ornamental vegetation (i.e., dense shrub cover and tree canopy). To minimize potential impacts to nesting birds, vegetation clearing and ground disturbing activities shall be conducted outside of the avian breeding season (September 1 through February 14) to the extent practicable. If vegetation removal or ground disturbance must occur during breeding season (February 15 through August 31), a pre-construction nesting bird survey shall be conducted by a qualified biologist no more than three (3) days prior to the initiation of construction activities.

These measures are intended to ensure compliance with the MBTA (16 U.S.C. § 703 et seq.) and California Fish and Game Code §§ 3503, 3503.5, and 3513. Implementation of these measures would ensure that potential impacts to nesting birds are reduced to a less-than-significant level under CEQA.

If active nests are identified, a species-appropriate no-disturbance buffer shall be established and maintained until the nest is no longer active, as determined by a qualified biologist. Buffer distances shall be based on species, nest status, and level of disturbance, and may be adjusted in coordination with CDFW, as appropriate.

Of the thirty-one (31) special-status wildlife species identified in the literature review, two (2) were observed in the vicinity of the BSA, sixteen (16) were determined to have low potential for occurrence, and twelve (12) species were determined to have no potential for occurrence within the BSA.

Four (4) listed wildlife species were determined to have low potential for occurrence within the BSA due to their highly mobile and transient nature. The BSA lacks suitable nesting, roosting, or foraging habitat to support these species. Potential use is limited to occasional perching or transitory movement through the area; therefore, impacts to these species are not anticipated.

If special-status wildlife species are observed within or adjacent to the BSA during pre-construction surveys or construction activities, work shall be modified to avoid take through implementation of species-specific avoidance buffers, timing restrictions, or other measures as determined by a qualified biologist in coordination with CDFW and/or USFWS, as appropriate. Additional permitting (e.g., Incidental Take Permit) may be required depending on the species and nature of potential impacts.

Monarch butterfly

The BSA contains poor quality foraging habitat and occurs within the monarch butterfly's spring and summer breeding range. No milkweed (*Asclepias* spp.), which requires host plants for monarch breeding, were observed within the BSA. Because the BSA lacks breeding habitat requirements for this species,

impacts on the monarch butterfly are not anticipated.

Bald eagle

The BSA lacks suitable foraging and nesting habitat for bald eagles. Aquatic habitats that support preferred prey species, such as fish, are absent from the site. Although tall pine trees are present, they are not considered suitable nesting habitat due to high levels of disturbance associated with a nearby roadway and an active high school campus. Higher-quality foraging and nesting habitat occurs within the surrounding five-mile area. Low potential for occurrence within the BSA is attributed to the species' highly mobile nature and the possibility of transient perching behavior. As potential use is limited to occasional perching, no impacts are anticipated. Pre-construction nesting bird surveys would confirm the presence or absence of this species within the BSA, if applicable. If a bald eagle is determined to be nesting onsite, all work will be placed on hold and a section 7 consultation and incidental take permit is likely to be required. The qualified biologist will reach out to USFWS and CDFW immediately if nesting is observed. If an individual is observed perching but not nesting, work within a 500-ft buffer will temporarily be put on hold and the individual will be allowed to leave on its own accord.

Golden eagle

The BSA lacks suitable foraging and nesting habitat for golden eagles. Preferred prey species and typical nesting features, such as cliffs, are absent from the site. While some tall trees are present, these are surrounded by substantial disturbance and are not considered suitable nesting habitat. Higher quality nesting and foraging habitat occurs within the surrounding five-mile area. Low potential for occurrence within the BSA is attributed to the species' highly mobile nature and potential for transient perching behavior. No impacts are anticipated, and a pre-construction nesting bird survey would confirm presence or absence within the BSA, if applicable. If a golden eagle is determined to be nesting onsite, all work will be placed on hold and a section 7 consultation and incidental take permit is likely to be required. The qualified biologist will reach out to USFWS and CDFW immediately if nesting is observed. If an individual is observed perching but not nesting, work within a 500-ft buffer will temporarily be put on hold and the individual will be allowed to leave on its own accord.

California spotted owl

The BSA lacks suitable foraging and nesting habitat for the California spotted owl. Preferred nesting features, such as tree cavities within mature forested habitat, are absent, and the highly disturbed nature of the site further limits habitat suitability. Although the species may occasionally perch in disturbed or marginal habitats, higher-quality nesting and foraging habitat occurs within the surrounding five-mile area. Low potential for occurrence within the BSA is attributed to the species' mobility and transient behavior, and no impacts are anticipated. Pre-construction nesting bird surveys would confirm presence or absence, if applicable. If a spotted owl is determined to be nesting onsite, all work will be placed on hold and a section 7 consultation and incidental take permit is likely to be required. The qualified biologist will reach out to USFWS and CDFW immediately if nesting is observed. If an individual is observed perching but not nesting, work within a 500-ft buffer will temporarily be put on hold and the individual will be allowed to leave on its own accord.

5.6. Conclusion

Based on the results of the literature review, biological reconnaissance survey, and regulatory analysis, the proposed Paradise High School Expansion Project would result in less-than-significant impacts to biological resources under CEQA, provided that the avoidance and minimization measures outlined in this BRE are implemented.

No jurisdictional wetlands, Waters of the U.S., or Waters of the State were identified within areas proposed for project-related ground disturbance. Wetlands mapped within the vicinity of the BSA occur outside the project site, and implementation of BMPs (i.e., standard erosion and sediment control measures) would minimize the potential for indirect impacts to nearby aquatic resources.

The BSA does not overlap with designated critical habitat, HCPs, or NCCPs. Although proposed critical habitat for foothill yellow-legged frog occurs within approximately two miles of the project site, the BSA lacks suitable habitat, and the species is not expected to occur.

Vegetation within the BSA is largely developed or landscaped, with no sensitive natural communities present. No special-status plant species were observed, and suitable habitat is absent.

Wildlife observed within the BSA is characteristic of disturbed environments. The BSA shall be treated as having nesting bird potential, and implementation of seasonal work windows or pre-construction nesting bird surveys would ensure compliance with applicable regulations and reduce impacts to a less-than-significant level.

No additional focused biological surveys are anticipated beyond those described herein. However, final permitting and consultation requirements will be confirmed during project implementation. If previously unidentified biological resources are encountered or if project conditions change, additional coordination with CDFW and/or USFWS may be required.

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APPENDIX A

SITE PHOTOGRAPHS

<u>Photo 1</u>: Site overview. View of the church site from eastern edge of parcel, looking at SE corner. Future practice field.

<u>Photo 2</u>: Site overview. View of the church site from eastern edge of parcel, looking at NE corner. Future practice field.

Photo 3: Site overview. View of former church building location. Future practice field.

Photo 4: Site overview. View of the church site from NW corner of parcel (future ag building), looking E at future practice field.

<u>Photo 5</u>: Site overview. View of the church site from NW corner of parcel, looking S at future ag building.

<u>Photo 6</u>: Site overview. View of the church site from SW corner of parcel, looking N at future ag building.

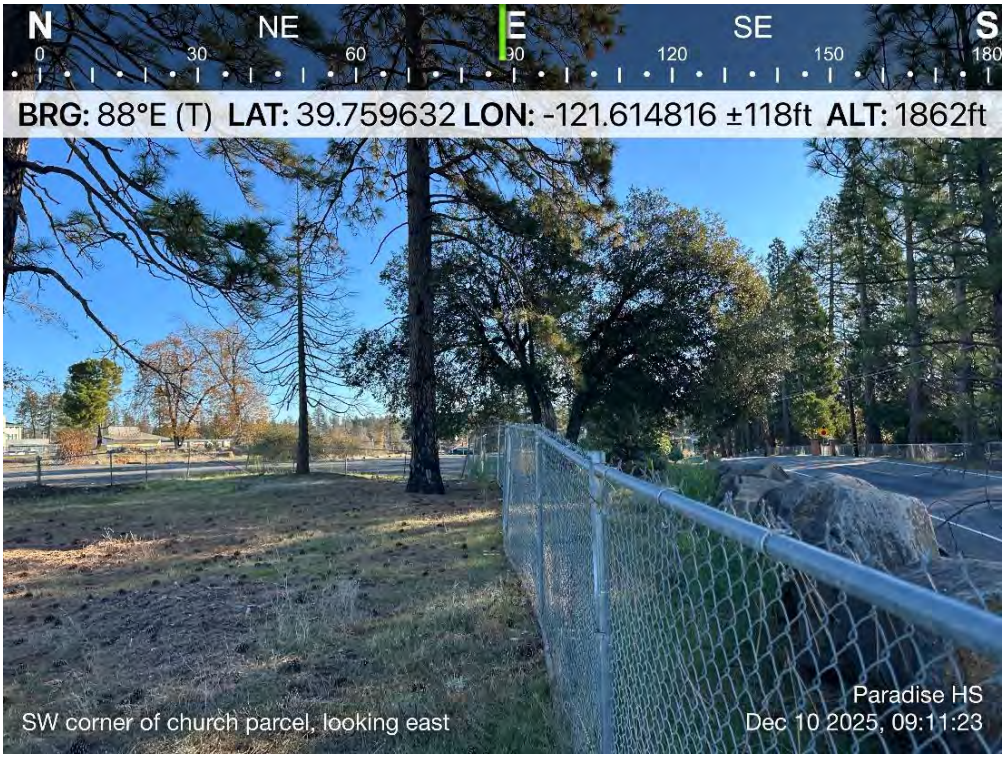

Photo 7: Site overview. View of the church site from SW corner of parcel (future ag building), looking E at future practice field.

Photo 8: **Site overview.** View of the church site from main entrance, looking E at future practice field.

Photo 9: Site overview. View of the church site from main entrance, looking W.

Photo 10: Site overview. Large California black oaks along western edge of church parcel.

Photo 11: Site overview. View from SW corner of church parcel looking west at the other three parcels. Future location of parking lot and ag building.

Photo 12: Site overview. View from developed parcel looking N. Future location of parking lot.

Photo 13: View from developed parcel looking S. Future location of parking lot.

Photo 14: View from entrance to developed parcel looking across former residential parcels. Future location of parking lot **and ag building.**

Photo 15: View from NW corner of west most parcel (Future ag building), looking E towards future parking lot.

Photo 16: View from NW corner of west most parcel (Future ag building), looking S.

Photo 17: View from NE corner of middle future parking lot parcel, looking W towards future ag building.

Photo 18: View from NE corner of middle future parking lot parcel, looking SW towards future ag building.

APPENDIX B

BIOLOGICAL RECONNAISSANCE SURVEY FIELD FORMS

Biological Reconnaissance Survey Field Form

Date: 12/10/2025 Project Name: Paradise High School Expansion Project

Job #: 7152 Client: Placeworks

Surveyors: A. Isakson

Location Description

Site Address: Elliott Road & Maxwell Drive City, State: Paradise, CA

Habitat Types Present: Landscaped, Developed

Current Land Uses: Demolished site of former church and residential housing, business

Start of Survey	
Time (24-hr)	730
Temp (ºF)	49
Cloud Cover (%)	0
Precipitation	N
Wind (mph)	4

End of Survey	
Time (24-hr)	10
Temp (ºF)	53
Cloud Cover (%)	0
Precipitation	N
Wind (mph)	2

Notes: (Nest locations, species behavioral notes, disturbances, habitat conditions, etc)

The project area is comprised of a former church whose building was demolished, a business with two portable-style structures, and a former house that was also demolished. The vegetation communities are a reflection of its prior use, full of landscaped species with some ruderal invasion. High disturbance as a result of prior land use."

Biologist Certification

R. Austin Isakson

Biologist Signature

12/10/2025

Date

Biological Reconnaissance Survey Field Form

Plant Species Observations

Plant Species Present Specify if species is Native (Y/N) if known		
	Species	Native?
1	Rose clover	N
2	French broom	N
3	CA black oak	Y
4	CA incense cedar	Y
5	Heavenly bamboo	N
6	Cheatgrass	N
7	Ponderosa pine	Y
8	Pink honeysuckle	Y
9	Blue lily	N
10	Coffeeberry	Y
11	Japanese cheesewood	N
12	Toyon	Y
13	CA fescue	Y
14	American sweetgum	N
15	Ribwort plantain	N
16	Yellow starthistle	N
17	Shortpod mustard	Y
18	Redstem filaree	N
19	Broad-leaved sweet pea	N
20	Common vetch	N
21	Bristly dogstail	N
22	McNab cypress	Y
23	Vinca major	N
24	Common fig	N
25	Curled dock	N
26	Armenian blackberry	N
27	Firethorn	N
28	Whiteleaf manzanita	Y
29	Lemmons ceanothus	Y
30	Scotch broom	N

Plant Species Present Specify if species is Native (Y/N) if known		
	Species	Native?
31	Western morning glory	Y
32	Rosemary	N
33	Red brome	N
34	Deerbrush ceanothus	Y
35	Swedish cotoneaster	N
36	Crape myrtle	N
37	CA yerba santa	Y
38	Chinese photins	N
39	Horseweed	Y
40	Chinese fringeflower	N
41	American pokeweed	N
42	Canyon live oak	Y
43	Mediterranean storksbill	N
44	Prickly lettuce	N
45	Sacred datura	Y
46	Oleander	N
47	Western redbud	Y
48	Tasmanian bluegum	N
49	Crimson bottlebrush	N
50	Italian thistle	N
51	Bermuda grass	N
52	Silverwattle	N
53	Black locust	N
54	Prunus cultivar	N
55	Pampasgrass	N
56	Rose of Sharon	N
57	Redhot poker	N
58	Rush skeletonweed	N
59	Common catsear	N
60		

Biological Reconnaissance Survey Field Form

Plant Species Observations

Plant Species Present Specify if species is Native (Y/N) if known		
	Species	Native?
61		
62		
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65		
66		
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90		

Plant Species Present Specify if species is Native (Y/N) if known		
	Species	Native?
91		
92		
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Biological Reconnaissance Survey Field Form

Wildlife Species Observations

Wildlife Species Present Specify observation type: Aural (a), signs (s), or visual (v)				Wildlife Species Present Specify observation type: Aural (a), signs (s), or visual (v)		
	Species	Observation			Species	Observation
1	Acorn woodpecker	A		31		
2	Nuttal's woodpecker	A		32		
3	Stellar's jay	AV		33		
4	Oak titmouse	A		34		
5	American pipit	A		35		
6	Dark-eyed junco	A		36		
7	Ruby-crowned kinglet	A		37		
8	Black phoebe	A		38		
9	California towhee	A		39		
10	House sparrow	A		40		
11	American robin	A		41		
12	Lesser goldfinch	A		42		
13	Brown creeper	AV		43		
14	Anna's hummingbird	A		44		
15	Common raven	AV		45		
16				46		
17				47		
18				48		
19				49		
20				50		
21				51		
22				52		
23				53		
24				54		
25				55		
26				56		
27				57		
28				58		
29				59		
30				60		

Biological Reconnaissance Survey Field Form

Wildlife Species Observations

Wildlife Species Present Specify observation type: Aural (a), signs (s), or visual (v)				Wildlife Species Present Specify observation type: Aural (a), signs (s), or visual (v)		
	Species	Observation			Species	Observation
61				91		
62				92		
63				93		
64				94		
65				95		
66				96		
67				97		
68				98		
69				99		
70				100		
71				101		
72				102		
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77				107		
78				108		
79				109		
80				110		
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87				117		
88				118		
89				119		
90				120		

APPENDIX C

PLANT & WILDLIFE SPECIES OBSERVED/DETECTED ON-SITE

PLANT SPECIES OBSERVED			
Family	**Scientific Name**	**Common Name**	**Native or Non-native**
EUDICOTS			
Apocynaceae	*Nerium oleander*	Oleander	non-native
	Vinca major	Greater periwinkle	non-native
Asteraceae	*Carduus pycnocephalus*	Italian thistle	non-native
	Centaurea solstitialis	Yellow starthistle	non-native
	Chondrilla juncea	Skeleton weed	non-native
	Erigeron canadensis	Canada horseweed	native
	Hypochaeris radicata	Common catsear	non-native
	Lactuca serriola	Prickly lettuce	non-native
Berberidaceae	*Nandina domestica*	Heavenly bamboo	non-native
Brassicaceae	*Hirschfeldia incana*	Shortpod mustard	non-native
Caprifoliaceae	*Lonicera hispidula*	Pink honeysuckle	native
Convolvulaceae	*Calystegia occidentalis*	Bush morning glory	native
Ericaceae	*Arctostaphylos viscida*	Whiteleaf manzanita	native
Fabaceae	*Acacia dealbata*	Silver wattle	non-native
	Cercis occidentalis	Western redbud	native
	Cytisus scoparius	Scotch broom	non-native
	Genista monspessulana	French broom	non-native
	Lathyrus latifolius	perennial sweet pea	non-native
	Robinia pseudoacacia	Black locust	non-native
	Trifolium hirtum	Rose clover	non-native
	Vicia sativa ssp. sativa	Common vetch	non-native
Fagaceae	*Quercus chrysolepis*	Canyon live oak	native
	Quercus kelloggii	California black oak	native
Geraniaceae	*Erodium cicutarium*	Redstem filaree	non-native
Hamamelidaceae	*Liquidambar styraciflua*	American sweetgum	non-native
	Loropetalum chinense	Chinese fringe flower	non-native
Lamiaceae	*Rosmarinus officinalis*	Rosemary	non-native
Lythraceae	*Lagerstroemia indica*	Crapemyrtle	non-native
Malvaceae	*Hibiscus syriacus*	Rose-of-Sharon	non-native
Moraceae	*Ficus carica*	Common fig	non-native
Myrtaceae	*Callistemon citrinus*	Crimson bottlebrush	non-native
	Eucalyptus globulus ssp. maidenii	Tasmanian bluegum	non-native
Namaceae	*Eriodictyon californicum*	California yerba santa	native
Phytolaccaceae	*Phytolacca americana*	American pokeweed	non-native
Pittosporaceae	*Pittosporum tobira*	Japanese cheesewood	non-native
Plantaginaceae	*Plantago lanceolata*	Ribwort plantain	non-native
Polygonaceae	*Rumex crispus*	Curly dock	non-native
Rhamnaceae	*Ceanothus integerrimus*	Deer brush	native
	Ceanothus lemmonii	Lemmon's ceanothus	native
	Frangula californica	California coffeeberry	native
Rosaceae	*Cotoneaster var.*	Swedish cotoneaster	non-native

PLANT SPECIES OBSERVED			
Family	**Scientific Name**	**Common Name**	**Native or Non-native**
	Heteromeles arbutifolia	Toyon	native
	Photinia serratifolia	Taiwanese photinia	non-native
	Prunus var.	Prunus cultivar	non-native
	Pyracantha angustifolia	Firethorn	non-native
	Rubus armeniacus	Himalayan blackberry	non-native
Solanaceae	*Datura wrightii*	Sacred datura	native
MONOCOTS			
Liliaceae	*Agapanthus praecox*	African lily	non-native
Poaceae	*Bromus rubens*	Red brome	non-native
	Bromus tectorum	Cheatgrass	non-native
	Cortaderia selloana	Pampas grass	non-native
	Cynodon dactylon	Bermuda grass	non-native
	Cynosurus echinatus	Dogtail grass	non-native
	Festuca californica	California fescue	native
GYMNOSPERMS			
Cupressaceae	*Calocedrus decurrens*	California incense cedar	native
	Hesperocyparis macnabiana	Macnab cypress	native
Pinaceae	*Pinus ponderosa*	Ponderosa pine	native
Legend			
X= Non-native/invasive species			

WILDLIFE SPECIES OBSERVED		
Taxon	**Scientific name**	**Common Name**
Birds	*Corthylio calendula*	Ruby-crowned kinglet
	Sayornis nigricans	Black phoebe
	Melozone crissalis	California towhee
	Passer domesticus	House sparrow
	Turdus migratorius	American robin
	Spinus psaltria	Lesser goldfinch
	Certhia americana	Brown creeper
	Calypte anna	Anna's hummingbird
	Corvus corax	Common raven
	Junco hyemalis	Dark-eyed junco
	Melanerpes formicivorus	Acorn woodpecker
	Dryobates nuttallii	Nuttal's woodpecker
	Cyanocitta stelleri	Stellar's jay
	Baeolophus inornatus	Oak titmouse
	Anthus rubescens	American pipit

APPENDIX D

USDA NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY

United States Department of Agriculture

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

December 1, 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.

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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: 1:1,610 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 20 40 80 120

Feet: 0 50 100 200 300

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 23, Sep 5, 2025

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	7.0	100.0%
Totals for Area of Interest		**7.0**	**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 D
CULTURAL AND
TRIBAL CULTURAL RESOURCES

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HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT

PARADISE USD AGRICULTURAL BUILDING AND PARKING LOT PROJECT

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
Daniel Ballester, Principal Investigator

February 3, 2026
CRM TECH Contract No. 4347

Title: Historical/Archaeological Resources Survey Report: Paradise USD Agricultural Building and Parking Lot Project, Town of Paradise, Butte County, California

Authors: Elizabeth Beckner, Archaeologist/Report Writer
Hunter O'Donnell, Archaeologist/Field Director

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

Date: February 3, 2026

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

Prepared for: Don Cully, General Manager
HANA Resources, Inc.
20361 Hermana Circle
Lake Forest, CA 92630
(949) 648-4416

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

Project Size: Approximately seven acres

Keywords: Northeastern Sacramento Valley; Sierra Nevada foothills; Phase I cultural resources survey; no "historical resources" under CEQA

EXECUTIVE SUMMARY

Between November 2025 and January 2026, at the request of HANA Resources, Inc., CRM TECH performed a cultural resources study on approximately seven acres of vacant land in the unincorporated community of Paradise, Butte County, California. The study is part of the environmental review process for the proposed Paradise Unified School District (USD) Agricultural Building and Parking Lot Project, which entails the construction of an animal care facility and an associated parking lot for the nearby Paradise High School. The project area is located on the northwest corner of Elliot Road and Maxwell Drive, directly south of the Paradise High School, 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 November 2025 and January 2026, at the request of HANA Resources, Inc., CRM TECH performed a cultural resources study on approximately seven acres of vacant land in the unincorporated community of Paradise, Butte County, California (Fig. 1). The study is part of the environmental review process for the proposed Paradise Unified School District (USD) Agricultural Building and Parking Lot Project, which entails the construction of an animal care facility and an associated parking lot for the nearby Paradise High School. The project area is located on the northwest corner of Elliot Road and Maxwell Drive, directly south of the Paradise High School, 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.

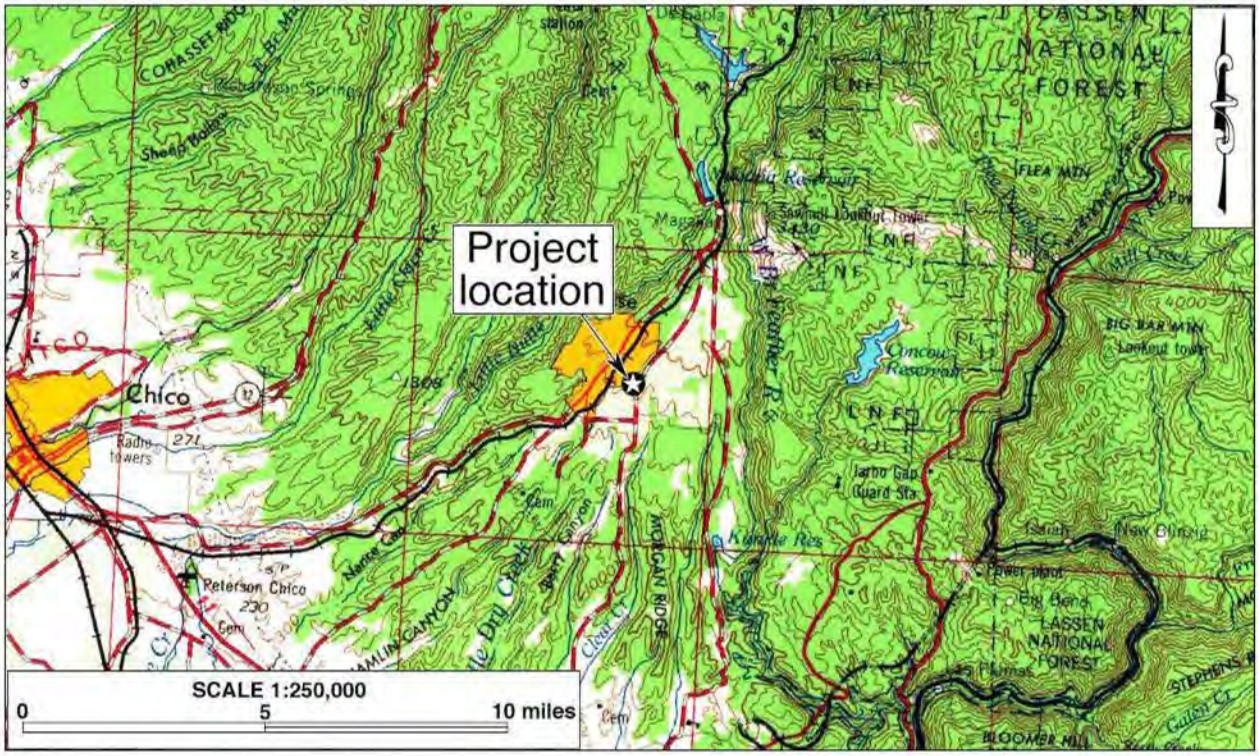

Figure 1. Project vicinity, based on USGS Chico, California and Nevada., 120'x60' quadrangle (USGS 1966).

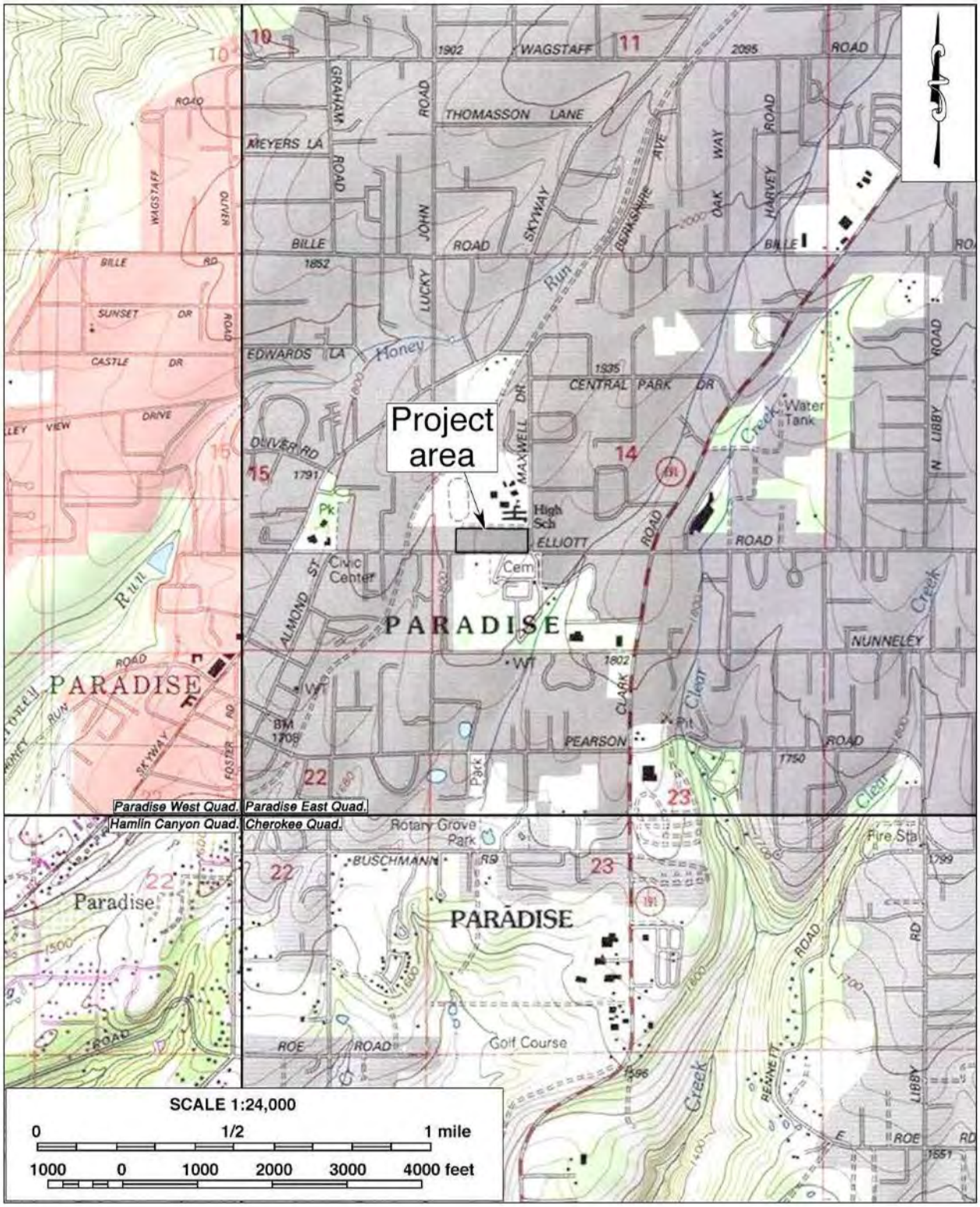

Figure 2. Project location, based on USGS Cherokee, Hamlin Canyon, Paradise East, and Paradise West, California, 7.5' quadrangles (USGS 1969; 1980; 1994a; 1994b).

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 south and east of Honey Run Creek, west of Clear Creek, and north of Berry Canyon and Spring Ridge. It is surrounded by the Paradise High School campus on adjacent land to the north, the Paradise Cemetery across Elliot Road to the south, and residential properties to the east and west. The elevation within the project area ranges approximately between 1,800 to 1,865 feet above sea level, and the terrain slopes up gently towards the northeast. The location is a part of both the Chaparral and Central Oak Woodland Plant Communities, with Central Oak Woodland represented by scrub oak and Chapparal represented by valley oak and ceanothus present in both communities (Fig. 4). Cedars, acacias, camellias, storax, pyracantha, pittosporum, and red-hot-poker were also observed in the project area, likely imported and cultivated.

Figure 4. Current condition of the project area. *Left*: overview of the western portion, view to the southeast; *right*: eastern portion where a church once stood, view to the northeast. (Photographs taken on December 17, 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

RECORDS SEARCH

The historical/archaeological resources record search for this study was conducted on December 1, 2025, by the Northeast Information Center (NEIC) at California State University, Chico, which is the State of California's designated 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 December 19, 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 archaeologist/report writer 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 map 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 Google Earth software.

FIELD SURVEY

On December 17, 2025, CRM TECH archaeologist Hunter O'Donnell performed the intensive-level field survey of the project area. The survey was completed on foot by walking a series of parallel east-west transects spaced 15 meters (approximately 50 feet) apart across each of the parcels within 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 fair (60-65%) to good (90-95%) depending on the density of vegetation growth (Fig. 4).

RESULTS AND FINDINGS

RECORDS SEARCH

NEIC records indicate that the project area had not been surveyed systematically for cultural resources prior to this study, and no cultural resources had been identified within its boundaries. Within the one-mile scope of the records search, NEIC records identify 46 previous studies completed between 1977 and 2023 (Fig. 5). As a result of these and other similar studies in the vicinity, 18 cultural resources were previously recorded within the scope of the records search, including 16 sites and 2 isolates (i.e., localities with fewer than three artifacts), as listed in Table 1.

AS Table 1 demonstrates, eight 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 eight sites dated to the historic period and included five residential properties, a

Table 1. Previously Recorded Cultural Resources within the Scope of the Records Search

Resource Number	Date Recorded	Description
04-000258/CA-BUT-000258	1966, 2019	Prehistoric bedrock milling feature
04-000260/CA-BUT-000260	1966, 2019	Prehistoric bedrock milling features with mortar
04-000587/CA-BUT-000587	1977	Prehistoric lithic scatter
04-000588/CA-BUT-000588	1977	Prehistoric bedrock mortars
04-000647/CA-BUT-000647	1978	Prehistoric bedrock milling features and lithic scatter
04-001779	2001	Butte County Railroad Paradise Depot, ca. 1904-1905
04-001780	2001	Two historic-period residential buildings, ca. 1910s-1940s
04-002757	1990	Isolate: lithic flake
04-002758	1990	Isolate: mano
04-003634	2011	Stone wall, ca. early 1900s
04-004252	2017	Group of nine historic-period buildings, ca. 1935-1970
04-004253	2017	Residential building with ancillary buildings, ca. 1921
04-004254	2017	Residential building, ca. 1960
04-004255	2017	Residential building, ca. 1957
04-004315	2019	Prehistoric bedrock milling features
04-004555/CA-BUT-004555	2019	Prehistoric milling feature with five-cup mortar
04-004558/CA-BUT-004558	2019	Prehistoric milling feature with single-cup mortar
04-004575	2017	Caribou-Valona Transmission Line, ca. 1921

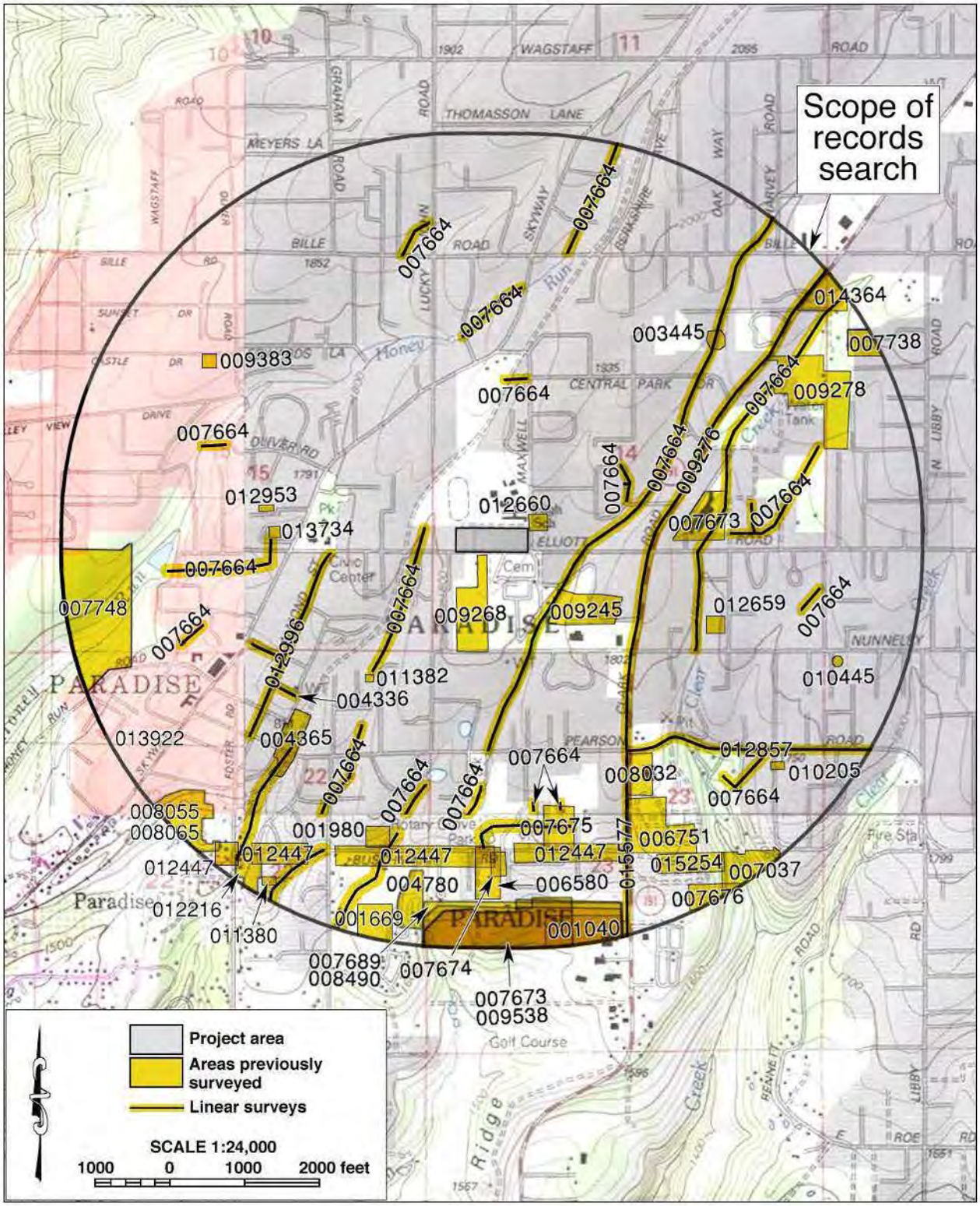

Figure 5. Previous cultural resources studies in the vicinity of the project area, listed by NEIC file number. Locations of known historical/archaeological resources are not shown as a protective measure.

stone wall, a power transmission line, and the Paradise Depot on the Butte County Railroad. None of these recorded sites or isolates was found in the immediate vicinity of the project area. Therefore, they do not require further consideration during this study.

SACRED LANDS FILE SEARCH

In response to CRM TECH's inquiry, the NAHC stated in a letter dated December 19, 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

According historical maps, the present-day Paradise area had experienced much human activities at least by the 1860s, but the project area itself evidently remained unsettled and undeveloped until the mid-20th century (Figs. 6-8; NETR 1951). In 1867, a number of human-made 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 in the immediate vicinity of the project area. By 1886, the town of Paradise had taken shape along what is now Clark Road, but the project area, located to the west of the town, remained devoid of any notable human-made features at that time (Fig. 7).

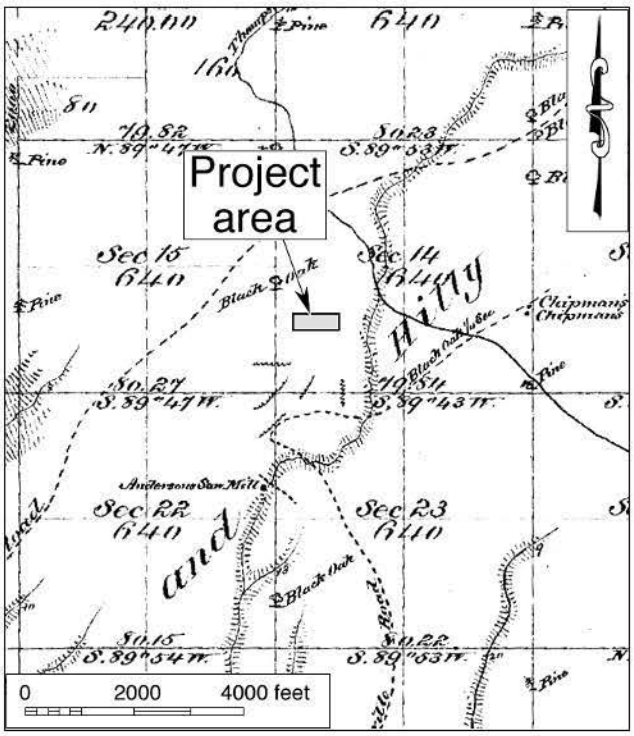

Figure 6. The project area and vicinity in 1867. (Source: GLO 1867)

In the early post-WWII era, the town of Paradise exhibited the characteristics of both a 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 three buildings of unknown nature were first noted within the project boundaries, all of them in western portion of the property (Fig. 8; NETR 1951; Aeroflex Corporation 1952). By 1960, the Christian and Missionary Alliance (CMA) Church had been constructed in the eastern portion of the project area, on the corner of Elliot Road and Maxwell Drive, and was providing services to the community (*Enterprise-Record* 1960; Cartwright Aerial Surveys 1962).

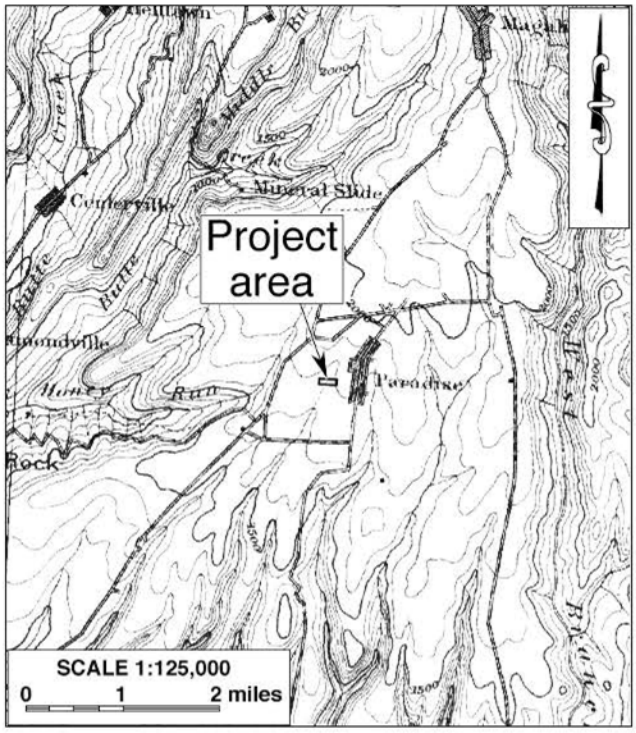

Figure 7. The project area and vicinity in 1886-1888. (Source: USGS 1895)

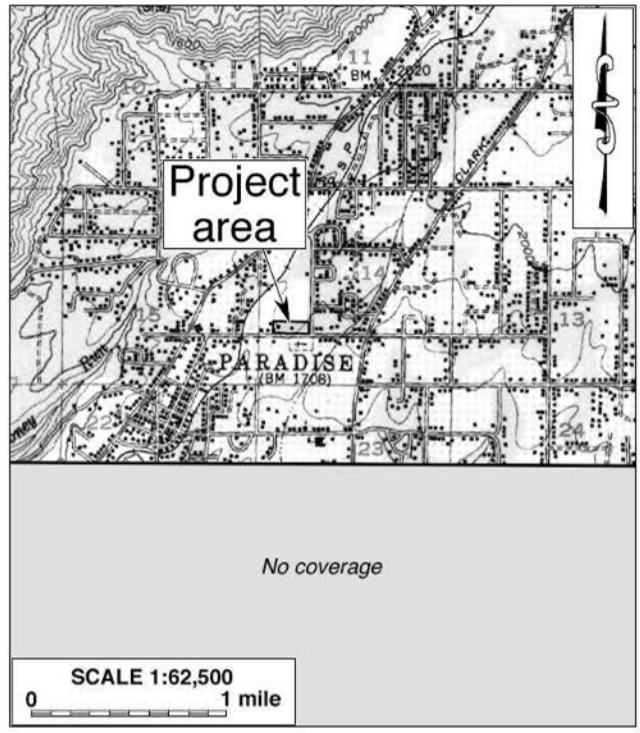

Figure 8. The project area and vicinity in 1951-1953. (Source: USGS 1953)

In 1983, the CMA Church was in the process of designing and building a new home to the northeast of the project area (*Enterprise-Record* 1983). The congregation continued to hold services at this location until the following year, when the building was sold to the Paradise First Assembly of God (*Paradise Post* 1984; Ridge Lifeline Church n.d.). Between 1973 and 1984, additional buildings were constructed to the west of the church (NETR 1973; 1984). However, all the buildings within the project area were destroyed in 2018 by a devastating wild fire known as the Camp Fire, along with many other buildings on the surrounding properties (NETR Online 1951-2022; Google Earth 1993-2019). Since then, the project area has remained vacant (Google Earth 2019-2024; NETR Online 2020; 2022).

FIELD SURVEY

Throughout the course of the field survey, no features or artifacts dating to the prehistoric or early historic period were encountered within the project boundaries. Field observations confirmed that all buildings that once stood in the project area had been removed today, and none of them left any foundational remains. The remnants of the former church complex at the eastern end of the project area consist of a parking lot, an underground utility tank, sidewalks, and two depressions where the main church building and an annex building once stood. Just to the west of the parking lot, there were two modern double-wide modular buildings that were scheduled to be removed by December 2025. Further to the west, across the remainder of the project area, additional depressions marked the former locations of other buildings. No evidence of any substantial artifact deposits was noted on the ground surface within the project boundaries.

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 church and other buildings associated with the Christian and Missionary Alliance and, later, the Paradise First Assembly of God are known to have been located in the project area between the 1950s and the 2010s, they have fallen victim to the 2018 Camp Fire and are no longer extant. With the removal of the buildings, the surviving parking lot and depressions marking former building locations retain no historic integrity to relate to any persons or events in the history of the church, nor do they exhibit any architectural or aesthetic merits or hold the promise for any important historic/archaeological data. As such, the remnants of the church have little potential for historic significance according to the California Register criteria. Consequently, they do not constitute a potential "historical resource" under CEQA provisions and require no further consideration. Since no other features of prehistoric or historical origin were encountered during this study, 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 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, HISTORY/ARCHITECTURAL HISTORY
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, ARCHAEOLOGY
Daniel Ballester, M.S., RPA (Registered Professional Archaeologist)

Education

2013	M.S., Geographic Information System (GIS), University of Redlands, California.
1998	B.A., Anthropology, California State University, San Bernardino.
1997	Archaeological Field School, University of Las Vegas and University of California, Riverside.
1994	University of Puerto Rico, Rio Piedras, Puerto Rico.
2021	An Introduction to Geoarchaeology: How Understanding Basic Soils, Sediments, and Landforms Can Make You a Better Archaeologist; Society for American Archaeology online seminar.
2007	Certificate in Geographic Information Systems (GIS), California State University, San Bernardino.
2002	Historic Archaeology Workshop; presented by Richard Norwood, Base Archaeologist, Edwards Air Force Base, at CRM TECH, Riverside, California.

Professional Experience

2025-	Principal Investigator, CRM TECH, Riverside/Colton, California.
2002-2025	Field Director/GIS Specialist, CRM TECH, Riverside/Colton, California.
2011-2012	GIS Specialist for Caltrans District 8 Project, Garcia and Associates, San Anselmo, California.
2009-2010	Field Crew Chief, Garcia and Associates, San Anselmo, California.
2009-2010	Field Crew, ECorp, Redlands.
1999-2002	Project Archaeologist, CRM TECH, Riverside, California.
1998-1999	Field Crew, K.E.A. Environmental, San Diego, California.
1998	Field Crew, A.S.M. Affiliates, Encinitas, California.
1998	Field Crew, Archaeological Research Unit, University of California, Riverside.

Cultural Resources Management Reports

Field Director, co-author, and contributor to numerous cultural management reports since 2002.

Memberships

Society for American Archaeology; Society for California Archaeology.

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.
2014	A.A., Anthropology, Chaffey College, Rancho Cucamonga, California.

Professional Experience

2025-	Project Archaeologist, CRM TECH, Colton, California.
2025-	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/HISTORIAN/FIELD DIRECTOR
Hunter C. O'Donnell, B.A.

Education

2016-	M.A. Program, Applied Archaeology, California State University, San Bernardino.
2015	B.A. (*cum laude*), Anthropology, California State University, San Bernardino.
2012	A.A., Social and Behavioral Sciences, Mt. San Antonio College, Walnut, California.
2011	A.A., Natural Sciences and Mathematics, Mt. San Antonio College, Walnut, California.
2014	Archaeological Field School, Santa Rosa Mountains; supervised by Bill Sapp of the United States Forest Service and Daniel McCarthy of the San Manuel Band of Mission Indians.

Professional Experience

2025-	Field Director, CRM TECH, Colton, California.
2022-2025	Field Crew Chief, CRM TECH, Colton, California.
2017-	Project Archaeologist/Historian, CRM TECH, Colton, California.
2016-2018	Graduate Research Assistant, Applied Archaeology, California State University, San Bernardino.
2016-2017	Cultural Intern, Cultural Department, Pechanga Band of Luiseño Indians, Temecula, California.
2015	Archaeological Intern, U.S. Bureau of Land Management, Barstow, California.
2015	Peer Research Consultant: African Archaeology, California State University, San Bernardino.

APPENDIX 2

SACRED LANDS FILE SEARCH RESULTS

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE-CHAIRPERSON
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

SECRETARY
Isaac Bojorquez
Ohlone-Costanoan

PARLIAMENTARIAN
Wayne Nelson
Luiseño

COMMISSIONER
Sara Dutschke
Miwok

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Bennae Calac
Pauma-Yuima Band of Luiseño Indians

COMMISSIONER
Vacant

COMMISSIONER
Vacant

Executive Secretary
Andrew Alejandre
Paskenta Band of Nomlaki Indians

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov

December 19, 2025

Nina Gallardo
CRM TECH

Via Email to: *ngallardo@crmtech.us*

Re: Proposed Paradise USD New Agricultural Building and Parking Lot (CRM TECH No. 4347) Project, Butte County

To Whom It May Concern:

As requested, a 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. Be aware that tribes do not always record their sacred sites in the SLF, nor are they required to do so. As such, an 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 that are traditionally and culturally affiliated with the project's geographic area. Please contact all of the listed tribes as they may have information about sacred sites within the project area that is not listed with the NAHC.

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 inform 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) 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 my email address: melina.carlos@nahc.ca.gov

Sincerely,

Melina Carlos

Melina Carlos
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Butte County
12/19/2025

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	Dennis Ramirez, Chairperson	1920 Alcott Ave Chico, CA, 95928	(530) 899-8922	(530) 899-8517	dramirez@mechoopda-nsn.gov	KonKow Maidu	Butte, Glenn, Tehama
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
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
Mooretown Rancheria of Maidu Indians	F	Benjamin Clark, Chairperson	#1 Alverda Drive Oroville, CA, 95966	(530) 533-3625	(530) 533-3680		KonKow Maidu	Butte, Glenn, Lassen, Plumas, Shasta, Sierra, Sutter, Tehama, Yuba
Nevada City Rancheria Nisenan Tribe	N	Richard Johnson, Chairman	10338 Park Avenue Nevada City, CA, 95959	(530) 265-6563		richard@nevadacityrancheria.org	Nisenan	Butte, Nevada, Placer, Sierra, Sutter, Yuba
Nevada City Rancheria Nisenan Tribe	N	Saxon Thomas, Tribal Council Member	P.O. Box 2624 Nevada City, CA, 95959	(530) 210-3590		saxon@chirpca.org	Nisenan	Butte, Nevada, Placer, Sierra, Sutter, Yuba
Nevada City Rancheria Nisenan Tribe	N	Shelly Covert, Tribal Secretary	P.O. Box 2624 Nevada City, CA, 95959	(530) 460-8494		info@chirpca.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 Resources Code and Section 5097.98 of the Public Resources Code.

Record: PROJ-2025-006809
Report Type: List of Tribes
Counties: Butte
NAHC Group: All

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Paradise USD New Agricultural Building and Parking Lot (CRM TECH No. 4347) Project, Butte County.

APPENDIX E
PHASE I ENVIRONMENTAL SITE ASSESSMENT

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padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

NEW SCHOOL FACILITY
NORTHWEST OF ELLIOTT RD AND MAXWELL DR
PARADISE, BUTTE COUNTY, CALIFORNIA

PREPARED FOR:

PLACEWORKS ON BEHALF OF
PARADISE UNIFIED SCHOOL DISTRICT

JANUARY 2026

padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

January 14, 2026
Project Number: 2501-3981

Alen Estrada-Rodas, Senior Associate I
PlaceWorks
700 South Flower Street, Suite 600
Los Angeles, California 90017

Subject: Phase I Environmental Site Assessment for New School Facility
Paradise, Butte County, California

Dear Mr. Estrada-Rodas,

Padre Associates, at the request of PlaceWorks and on behalf of Paradise Unified School District (USD) has prepared this Phase I Environmental Site Assessment (ESA) report for the Paradise USD New School Facility, located at the northwest intersection of Elliot Road and Maxwell Drive 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, the California Department of Education (CDE) 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 USD. If you have any questions or require additional information, please contact the undersigned at (916) 333-5920, Ext. 240.

Sincerely,
PADRE ASSOCIATES

Collin Quesenberry, G.I.T.
Project Geologist

Alan J. Klein, C.P.E.S.C., QSD/QSP
Associate Senior Environmental Scientist

Alan Churchill, P.G.
Senior Geologist

Cc: Jake Timm, Director of Facilities, Maintenance and Operations Paradise USD
Malia Durand, Associate Principal, PlaceWorks

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1.0 INTRODUCTION

Padre Associates (Padre), on behalf of PlaceWorks and Paradise Unified School District (USD), completed a Phase I Environmental Site Assessment (ESA) for the property located at the northwest intersection of Elliott Road and Maxwell Drive in Paradise, 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 7.31-acres and is comprised of five parcels of land located adjacent and south of Paradise High School. The Subject Property was impacted by the 2018 Camp Fire. This Phase I ESA report was prepared for use by Paradise USD 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 Reports for the Subject Property; Appendix F presents the environmental database report obtained from

EDR for the Subject Property; and 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): 39.7600260, (39° 45’ 36.09’’N)
- Longitude (West): -121.6142686, (121° 36’ 51.36’’ W)

The Subject Property is comprised of five parcels of land (7.31 acres) identified by Butte County as assessor’s parcel numbers (APN):

1. APN: 053-111-015 (0.97 ac).
2. APN: 053-111-014 (0.97 ac).
3. APN: 053-111-028 (0.48 ac).
4. APN: 053-111-030 (0.54 ac).
5. APN: 053-111-034 (4.35 ac).

A copy of the assessor’s parcel map is presented in **Appendix A**.

According to the Butte County APN lookup website, the Subject Property constituent parcels are associated with the following street addresses:

- 897 and 899 Elliott Road (053-111-015)
- 901 Elliott Road (053-111-014)
- 915 Elliott Road (053-111-028)
- 951 Elliott Road (053-111-030)
- 931, 935, 955, and 969 Elliott Road, and 5845 Maxwell Drive (053-111-034)

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 1,800- to 1,850-feet above mean sea level (amsl). In general, the Subject Property slopes from the northeast to southwest and stormwater runoff is directed to a drainage ditch located along Elliott Road.

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 adjacent and north 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. The potential for NOA at the Subject Property is considered low.

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 an aerial photograph dated 1947 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 1947, 1952, 1962, 1973, 1984, 1993, 2006, 2014, and 2022. The information is summarized below:

1947 The 1947 does not show the eastern portion of the Subject Property. The western portion of the Subject Property includes driveways, landscaping, and trees. Elliott Road is present to the south. Surrounding areas are rural and/or agricultural.

1952 The 1952 photograph shows the entire Subject Property, including: residential buildings, landscaping, and trees across the western and central portions; and an

orchard appears present in the eastern portion of the Subject Property. Maxwell Drive is present to the east. Surrounding areas are rural and/or agricultural.

1962 The 1962 photograph shows the Subject Property with redeveloped structures, driveways, and landscaping across the eastern portion. Paradise High School is present to the north. Residential properties are present to the east and west.

1973 The 1973 photograph shows the Subject Property and surrounding properties generally similar to the 1962 photograph. Additional residential properties are present to the south-southwest.

1984 The 1984 photograph shows the eastern portion of Subject Property as redeveloped with a larger structure (church) and associated paved parking. Additional paved parking areas are present to the north that are associated with Paradise High School. Additional residential properties are present to the southwest.

1993 The 1993 photograph shows the Subject Property and surrounding properties similar to the 1984 photograph

2006 The 2006 photograph shows the Subject Property and surrounding properties similar to the 1993 photograph.

2014 The 2014 photograph shows the Subject Property and surrounding properties generally similar to the 2006 photograph. Additional structures are present to the north at Paradise High School.

2022 The 2022 photograph shows the Subject Property absent a majority of trees and structures. The surrounding residential properties are in a similar state. Paradise High School is generally similar to the 2014 photograph, but with fewer trees.

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, 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 and surroundings undeveloped.

1953 The 1953 map shows the Subject Property as partially developed with two structures – one in the central portion and another in the northwestern portion. Elliott Road is present to the south and Maxwell Drive is present to the east, beyond which are residential properties and agricultural fields/orchards. The north-adjacent area remains undeveloped.

1980 The 1980 map shows the Subject Property with an additional structure in the northeast portion. Paradise high school is present to the north. A cemetery is present to the south-southeast across Elliott Road.

1994 The 1994 map shows the Subject Property and surrounding area similar to the 1980 map. Structures are not depicted.

2012 The 2012 map only shows roads and geographical features, which are shown as similar to the 1994 map.

2022 The 2022/2021 map only shows roads and geographical features, which are shown as similar to the 2012 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 Subject Property at the northwest intersection of Elliott Road and Maxwell Drive in Paradise, CA. The years listed included 1971, 1975, 1981, 1986, 1992, 1995, 2000, 2005, 2010, 2014, 2017, and 2022.

The following Subject Property addresses appear in the city directory listings:

- 955 Elliott Road: 1986 as “Assembly God Paradise”; 1992 as “First Assembly of God”; 1995, 2000, 2005, 2010 and 2017 as “First Assembly of God Paradise”; 2005 additionally as “Walth, Jean A”; 2014 instead as “1st Assembly of God Paradise”; and 2022 as “Jack Wright” and “Paradise First Assembly”.

- 935 Elliott Road: 2010 and 2014 as “Occupant Unknown”; 2017 and 2022 not listed

- 931 Elliott Road: 1992 as “Jones, Alan”; 1995 as “McCollom, Johnny” and “Smith, Jerry”; 2000 as “Lettow, Cathy J”; 2005 as “Fromer, Michael”, “Marajama, Archy W”, and “McKean, Randal P”; 2010 as “Dove, Nancy L”, “Marajama, Archy W”, and “McKean, Randal P”; 2014 and 2017 as “Maxwell, Nita”, “McKean, Randal P”; and “Rider, Gay L”; and 2022 as only “Randal McKean”.

- 899 Elliott Road: 2010 and 2014 as “Occupant Unknown”; 2017 and 2022 not listed.

- 897 Elliott Road: 2005 as “Akridge, Michael L”; 2010 and 2014 as “Occupant Unknown”; 2017 as “Deer, Dayle L”; and 2022 not listed.

Other associated street addresses (901, 915, 951, and 969 Elliott Road, and 5845 Maxwell Drive) are not listed in the city directories. A review of available city directories did not identify any RECs for the Subject Property.

3.5 ENVIRONMENTAL LIENS

The current legal owner of the Subject Property (constituent APNs 053-111-014, -015, -028, -030, and -034) is Paradise Unified School District. The titles were received from the following parties:

1. 014 and 028: Marjama Family Partnership on November 5, 2021
2. 015: Michael Akridge Deer on July 19, 2021
3. 030 and 034: First Assembly of God of Paradise on January 29, 2025

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 the following Camp Fire incident reports associated with the Subject Property:

- *Camp Fire Incident, Property Report, Butte County, California, 053-111-015, 897 Elliott Rd, 39.759956, -121.615699, dated 7-25-19.*
- *Camp Fire Private Hazard Tree Removal Program, Inspection Complete, Address: 901 Elliott Rd, Paradise, CA 95969, APN: 053-111-014, Case #: TRDR19-04791, dated 7/20/20.*
- *Camp Fire Alternative Fire Debris Removal Program, Completion of Property Cleanup, Address: 931 Elliott Rd, Paradise, CA 95969, APN: 053-111-028, Case #: EHDR19-06375, dated 1-10-20.*
- *Camp Fire Incident, Property Report, Butte County, California, 053-111-034, 955 Elliott Rd, 39.759944, -121.6136495, dated 8-21-19.*

The Camp Fire documentation for the Subject Property presents the results of the debris removal program and associated environmental sampling and disposal activities. A copy of the reports are presented in **Appendix E**.

Site assessment activities were completed at the Subject Property constituent parcels by environmental consultants working with the State Incident Management Team (IMT). Debris removal contractors conducted the removal of materials from all buildings and associated refuse impacted by the fire. All removed debris, material, trees, and soil were disposed of at State and County approved landfills or recycling facilities. Upon completion of debris removal activities,

confirmation soil samples were collected from the excavation areas and analyzed by State certified analytical laboratories 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 developed from human 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. IMT cleanup activities and results are summarized as follows:

- 053-111-015: Destroyed structures included one house, three trailers, one shop, and one shed. Two septic tanks and a well were noted. ACM was identified and required abatement. Confirmation soil sampling results indicated that the top 3-inches of soil was below the applicable cleanup goals. A basement, which was below the house, was deconstructed. Cleanup activities were completed, and a *Debris Removal Final Signoff Form* was submitted, on July 25, 2019.
- 053-111-014: No structures were identified. Multiple hazard trees were identified and removed in accordance with Town of Paradise and/or Butte County requirements. Tree clearance activities were completed on July 20, 2020.
- 053-111-028: Destroyed structures include one house and one garage. In addition to debris removal, all concrete was removed from the parcel. Two septic tanks were noted. No ACM was identified. No hazard trees were identified. Confirmation soil sampling results indicated that the top 3-inches of soil was below the applicable cleanup goals. Cleanup activities were completed in December 2019 and the *Completion of Property Cleanup* was submitted on January 10, 2020.
- 053-111-030: No structures or hazard trees were identified.
- 053-111-034: Destroyed structures included two churches (a larger primary and a smaller secondary), one kitchen, and one garage. Four septic tanks were noted. ACM was identified and required abatement. Confirmation soil sampling results indicated that the top 3-inches of soil was below the applicable cleanup goals. A basement, which was below the larger primary church, was deconstructed. Cleanup activities were completed on July 25, 2019. A *Debris Removal Final Signoff Form* was submitted on August 21, 2019.

Based on the information received, all site assessment activities, including surveys, soil and debris confirmation sampling, and soil and debris removal, were completed in accordance with applicable requirements. Therefore, the State IMT recommendations to Butte County included that the debris removal program objectives had been met for each parcel.

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 December 4, 2025, Mr. Collin Quesenberry and Mr. Alan J. Klein with Padre conducted a reconnaissance of the Subject Property. The reconnaissance consisted of walking the Subject Property and photographing observed features. At the time of the inspection, the weather conditions were partly cloudy, cool, and calm.

The Subject Property is partially vegetated with trees, shrubs, and grasses. Conditions are varied across the five constituent parcels, as follows:

- 053-111-015: No buildings were present; historical paved parking areas, building foundations, fences, utility covers and piping, and tree stumps were observed. A small above-ground storage tank was observed in the central portion. Several trees were observed with burn scars. Utilities were present along Elliott Road. The previously noted well and septic tanks were not located.
- 053-111-014: No buildings or historical paved parking areas were present. Tree stumps were observed. A depression in the northern portion and a levelled mound in the central portion were observed. Utility vaults were present along Elliott Road. A pile of asphalt was observed in the southwestern corner. Portions of a chain-link fence were present along the western parcel boundary. The parcel generally sloped downwards from east to west.
- 053-111-028: Two construction office buildings, and associated electrical poles and gravel parking areas, were present. An oil stain was observed on the asphalt driveway near the center of the property. The previously noted septic tanks were not located.
- 053-111-030: No buildings were present. Partially vegetated volcanic boulders formed a steep west-facing slope on the western side of the parcel. Chain-link fencing was present through the central portion of the parcel.
- 053-111-034: Chain-link fencing was present within the parcel perimeter. No buildings were present. Historically paved parking areas, building foundations, fences, utility covers, and tree stumps were observed. A depression was observed in the southeastern portion. Soils including loam and decomposed volcanics were exposed at the ground surface in and around the depression. A pad-mounted electrical transformer and telecommunication utility boxes were observed in the northeastern corner. Two former septic tanks were located and observed as abandoned in-place.

There was no evidence of fire debris or ash observed during the site reconnaissance. Photographs are presented in **Appendix C**.

4.2 UTILITIES

Pacific Gas & Electric (PG&E) provides electricity and natural gas for the Subject Property. The Paradise Irrigation District (PID) provides potable water to the Subject Property. Wastewater at the Subject Property appears to have been treated by onsite septic tanks and associated leach fields.

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), asbestos surveys were completed between March and July 2019. ACM requiring abatement were identified and asbestos abatement activities were completed by August 2019. A copy of the Butte County Camp Fire Incident Reports are presented in **Appendix E**. The potential for ACM in soil at the Subject Property 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 fire debris removal programs were completed for the Subject Property between March and December 2019. 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 Reports area presented in **Appendix E**. The potential for lead in soil from LBP at the Subject Property 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 observed one pad-mounted electrical transformer located at the northeast corner of the Subject Property (APN: 053-111-034). No PCB warning labels were observed on the pad-mounted transformer, and no leakage and/or surface soil staining was observed at the base of the pad-mounted transformer. The potential for PCBs in soil at the Subject Property from the observed pad-mounted electrical transformer 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 buildings were destroyed during the 2018 Camp Fire. The State IMT completed final on-site reviews 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 confirmed the completion of cleanup activities for the constituent parcels between July 2019 and January 2020. 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 July 2021. The property was occupied by a church facility and multiple residential homes, which were destroyed in the 2018 Camp Fire. The property is connected to city water and has multiple separate septic systems. 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 by Paradise High School; to the east by Maxwell Drive, beyond which are residential properties; to the south by Elliott Road, beyond which is Paradise Cemetery; and to the west by residential properties.

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 the following documentation:

- *Camp Fire Incident, Property Report, Butte County, California, 053-111-015, 897 Elliott Rd, 39.759956, -121.615699*.
- *Camp Fire Private Hazard Tree Removal Program, Inspection Complete, Address: 901 Elliott Rd, Paradise, CA 95969, APN: 053-111-014, Case #: TRDR19-04791.*
- *Camp Fire Alternative Fire Debris Removal Program, Completion of Property Cleanup, Address: 931 Elliott Rd, Paradise, CA 95969, APN: 053-111-028, Case #: EHDR19-06375.*
- *Camp Fire Incident, Property Report, Butte County, California, 053-111-034, 955 Elliott Rd, 39.759944, -121.6136495*.

These reports were previously discussed in Section 3.6 (Existing Environmental Reports) and report summaries are presented in **Appendix E**.

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. One property, 5892 Maxwell Drive, is located approximately 100 feet east of the Subject Property, which has been identified by DTSC as requiring additional assessment for the presence of dieldrin (an organochlorine pesticide) in one soil sample at a concentration of 89 micrograms per kilogram (µg/kg), which exceeds the DTSC screening level for dieldrin of 34 µg/kg. A Technical Workplan for a Phase I Addendum was submitted in November 2023 for DTSC review. As of August 8, 2025, the assessment project has been placed on hold. The 5892 Maxwell Drive property is located downgradient of the Subject Property and therefore does not present a potential REC.

Ridgeview Continuation High School, 5944 Maxwell Drive, is located approximately 500-feet northeast of the Subject Property. A school site investigation was completed and DTSC issued a No Further Action letter in April 2021.

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.

One property located within a ¼-mile radius of the Subject Property is identified on the RCRA-SQG's List. Paradise High School, 5911 Maxwell Road, is located adjacent to and approximately 800-feet north of the Subject Property. This facility is listed as a small quantity generator. The category of waste generated is not listed. No violations were found.

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.

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.

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.
- Six 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 1,500-feet east 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.

Quality Used Tire, 6057 Clark Road, is located approximately 1,800-feet east of the Subject Property. A leak was reported in June 1992. The RWQCB provided a Closure/No Further Action Letter in December 1993. This site does not present a REC to the Subject Property.

Beacon Station #455, 6901 Skyway Road, is located approximately 1,800-feet northwest of the Subject Property. An unauthorized release of gasoline was discovered in June 1991. Groundwater monitoring was subsequently conducted through 1992. Three 12,000-gallon gasoline USTs were removed from the site in 1993. By August 1994, contaminated soils were identified and removed from the site. The RWQCB provided a Closure/No Further Action Letter in April 1995. This site does not present a REC to the Subject Property.

Paradise Veterans' Memorial Hall, 6550 Skyway Road, is located approximately 1,900-feet west of the Subject Property. A leak was reported in December 1989. The RWQCB

provided a Closure/No Further Action Letter in October 1994. This site does not present a REC to the Subject Property.

Beacon Station #681, 6490 Skyway Road, is located approximately 2,200-feet west of the Subject Property. A leak was reported in May 1988. A soil vapor extraction program was conducted at the site between February 1991 and December 1992. The RWQCB provided a Closure/No Further Action Letter in June 1994. This site does not present a REC to the Subject Property.

Unocal Station #5816, 6505 Skyway Road, is located approximately 2,400-feet west of the Subject Property. A leak was reported in August 1988. The RWQCB provided a Closure/No Further Action Letter in September 1994. This site does not 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.

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.
- Four properties located within a ¼-mile radius of the Subject Property are identified on the CUPA List.

David Guillette DMD, 7080 Skyway Road #A, is located approximately 1,200-feet northwest of the Subject Property. This property is listed as a hazardous waste generator <100 kilograms per month. These facilities are listed as inactive and non-billable. This site does not present a REC to the Subject Property.

Russells Auto Repair and Burkett's Auto, both at 797 Elliott Road, are located approximately 1,100-feet west of the Subject Property. Russells Auto Repair is listed as a general hazardous materials generator; Burkett's Auto is listed as a hazardous waste generator <100 kilograms per month. The facilities are listed as inactive and non-billable. This site does not present a REC to the Subject Property.

California Classics, 795 Elliott Road Suite B, is located approximately 1,200-feet west of the Subject Property. This property is listed as a general hazardous materials generator. The facility is listed as inactive and non-billable. This site does not present a REC to the Subject Property.

5.2.23 ENVIROSTOR List

The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) maintains 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.

The two properties 1) Acquisition Parcel For Paradise USD, located at 5892 Maxwell Drive, and 2) Ridgeview Continuation High School, located at 5944 Maxwell Drive were both previously discussed in Section 5.1.3 and are not considered RECs to the Subject Property.

6.0 SUMMARY AND CONCLUSION

Based on the results of the scope of services performed for this Phase I ESA, Padre has prepared the following summary and conclusions regarding the Subject Property.

6.1 CURRENT CONDITIONS AND HISTORIC SITE BACKGROUND

The Subject Property consists of 7.31-acres and will be utilized as an expansion parcel for Paradise High School, which is located adjacent to the north. The Subject Property is comprised of five parcels of land identified by Butte County as assessor's parcel numbers (APN):

1. APN: 053-111-015 (0.97 ac).
2. APN: 053-111-014 (0.97 ac).
3. APN: 053-111-028 (0.48 ac).
4. APN: 053-111-030 (0.54 ac).
5. APN: 053-111-034 (4.35 ac).

The current legal owner of the Subject Property (all constituent parcels) is Paradise Unified School District. Deeds were found for each parcel, and 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 historical aerial photographs, the Subject Property has been developed for multiple uses, since at least 1947. Developments across the Subject Property have included an orchard (1952 aerial photograph), residential (since at least 1947), and commercial (a church since 1984). Structures were destroyed in the 2018 Camp Fire. The State IMT completed final on-site reviews of the Subject Property constituent parcels and concluded that all site assessment activities; debris and soil removal; and confirmation soil sampling was complete. Therefore, the State IMT recommendations to Butte County included that the debris removal program objectives had been met. Butte County confirmed the completion of cleanup activities for the constituent parcels between July 2019 and January 2020.

The Subject Property is bordered to the north by Paradise High School, east and west by residential properties, and south by the Paradise Cemetery District.

A review of the EDR Radius Map Report did not identify any facilities in the database records search within a one-mile radius that present a REC to the Subject Property.

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 arsenic and OCPs in soil associated with the former presence of an orchard in the eastern portion of the Subject Property for the years between 1947 and the early 1950s; and
- the potential for OCPs in soil from the application of termiticides associated with former building structures located on the Subject Property from at least 1947 through 2018.

6.4 RECOMMENDATIONS

Padre recommends the completion of a Preliminary Environmental Assessment (PEA) for the Subject Property based on the former presence of an orchard in the eastern portion of the Subject Property and the former presence of building structures. At select locations surface and shallow surface soils should be collected and sampled for the presence of arsenic and OCPs.

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

Butte County Hazard Tree Removal Program. *Camp Fire Private Hazard Tree Removal Program, Inspection Complete, Address: 901 Elliott Rd, Paradise, CA 95969, APN: 053-111-014, Case #: TRDR19-04791*. July 20, 2020.

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California Department of Toxic Substances Control, Envirostor Database (https://www.envirostor.dtsc.ca.gov/public/).

California Department of Water Resources (http://www.water.ca.gov/waterdatalibrary/).

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California Geologic Energy Management Division (CalGEM) Well Finder Portal (https://maps.conservation.ca.gov/doggr/wellfinder/).

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Norris, R. M., & R. W. Webb, 1976 (Second Edition 1990), *Geology of California*, John Wiley & Sons, New York, pp. 412-427.

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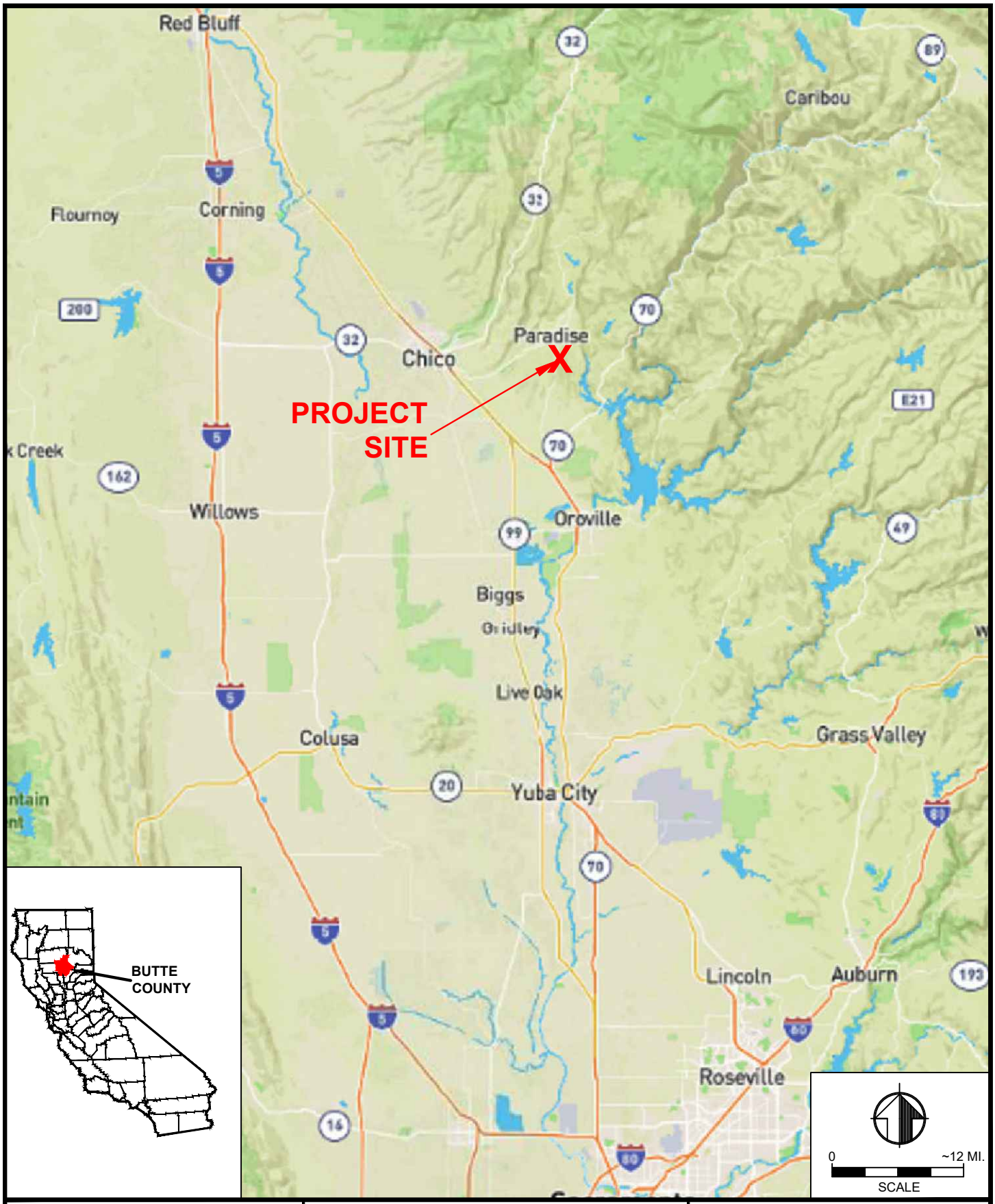
Butte, County of, Assessor's Office.

Websoil survey https://websoilsurvey.nrcs.usda.gov/app/

PLATES



padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

NEW SCHOOL FACILITY
ELLIOTT RD. AND MAXWELL
DR. PARADISE, CA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-3981	11/6/25	AC	AJK

PLATE 1

SITE LOCATION

padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (7/24)

NEW SCHOOL FACILITY
ELLIOTT RD AND MAXWELL
DR, PARADISE, CA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-3981	11/6/25	AC	AJK

PLATE 2

SITE MAP

padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (7/24)

NEW SCHOOL FACILITY
ELLIOTT RD. AND MAXWELL DR.
PARADISE, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-3981	1/13/26	AC	AJK

PLATE 3

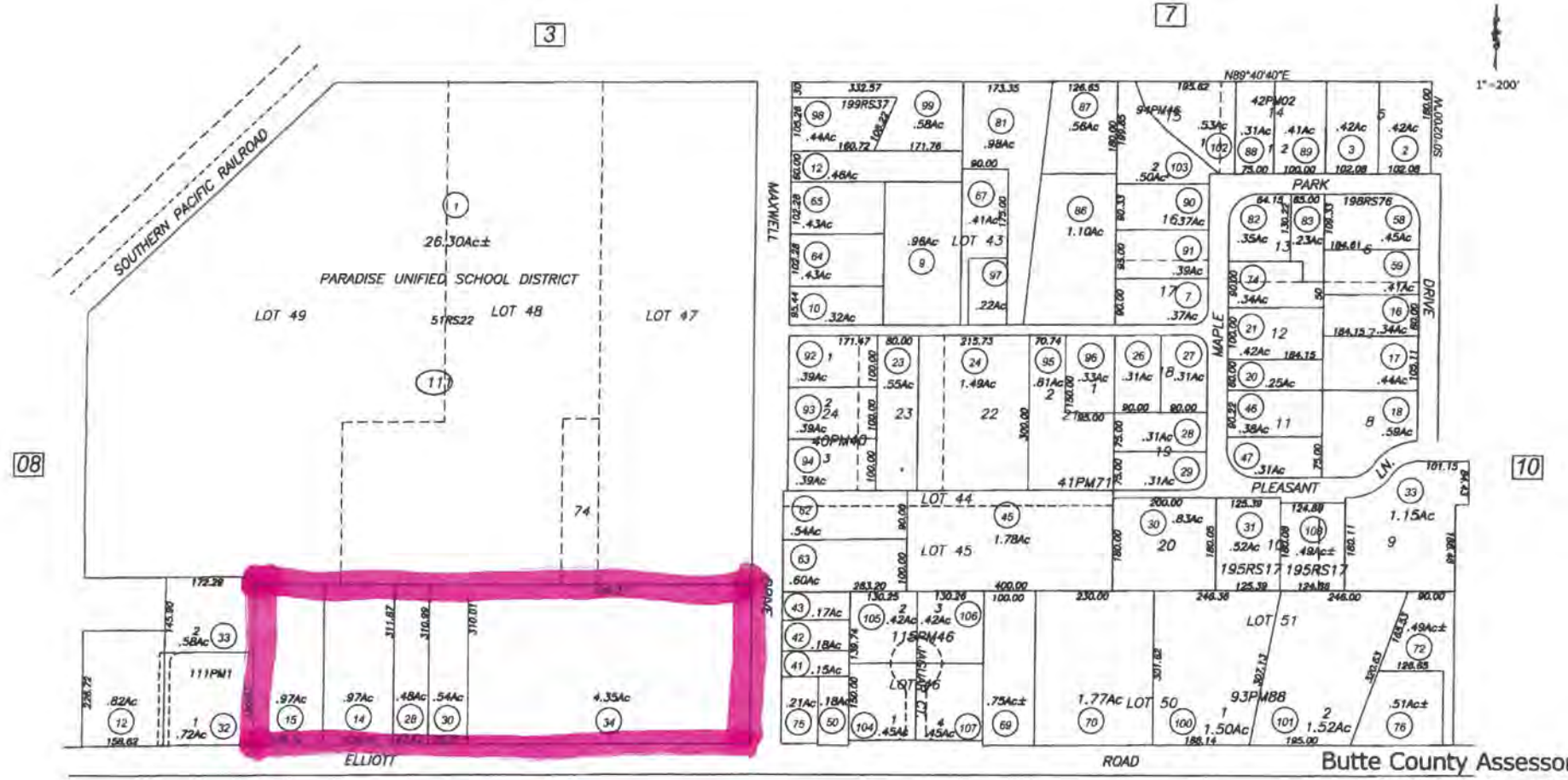
PARCEL IDENTIFICATION

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



Butte County Assessor's Map
Book 53, Page 11

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.

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°37'10"W 39°45'50"N

121°36'33"W 39°45'22"N

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

1:6,000

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
- B 20.2 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- 513 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 12/2/2025 at 8:16 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 #: 8184619.11
YEAR: 2022
= 500'
N
EDR

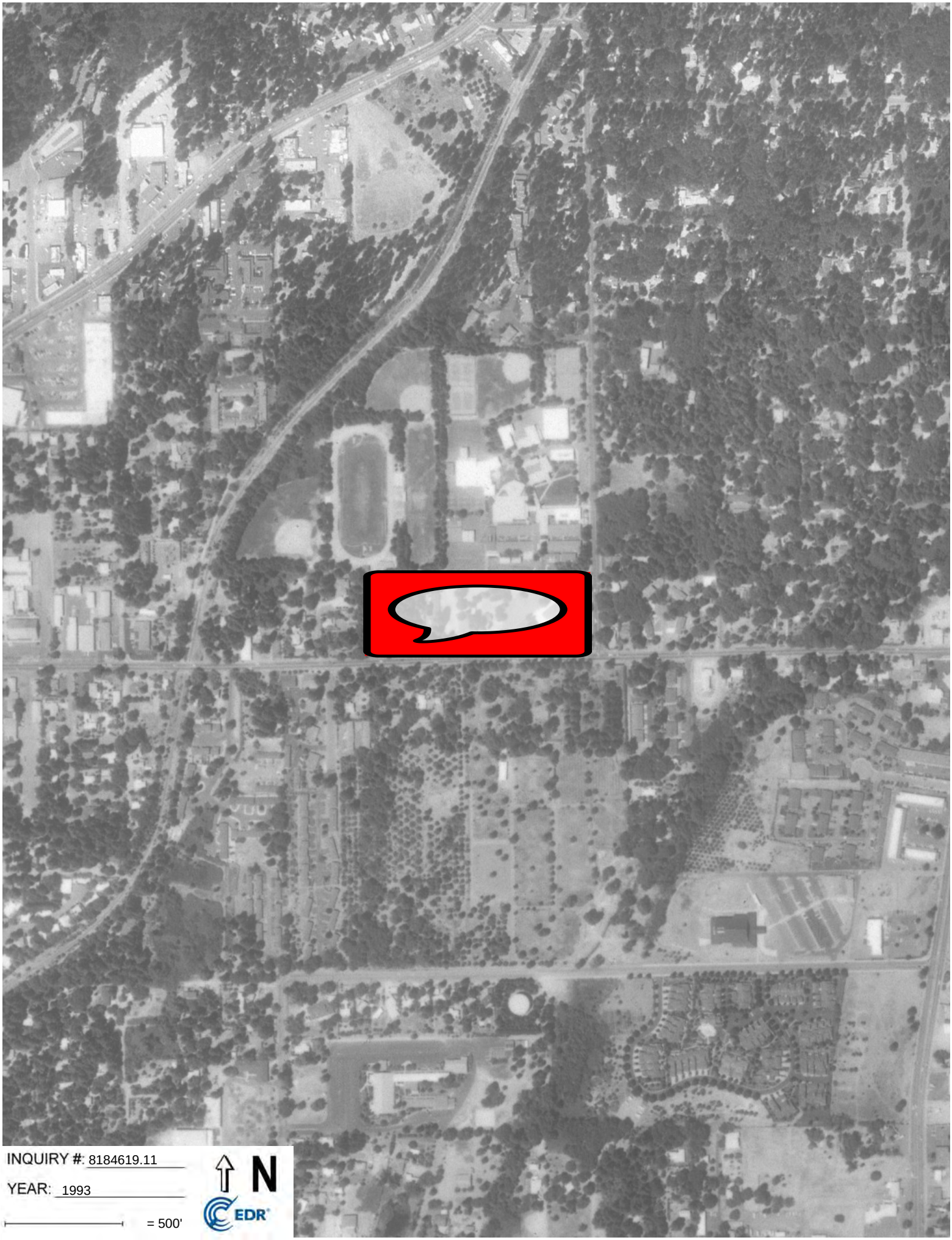
INQUIRY #: 8184619.11
YEAR: 2018
= 500'
N
EDR

INQUIRY #: 8184619.11
YEAR: 2014
= 500'
N
EDR

INQUIRY #: 8184619.11
YEAR: 2010
= 500'
N
EDR

INQUIRY #: 8184619.11
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 8184619.11
YEAR: 1998
= 500'
N
EDR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YEAR: 1993
= 500'
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EDR

INQUIRY #: 8184619.11
YEAR: 1984
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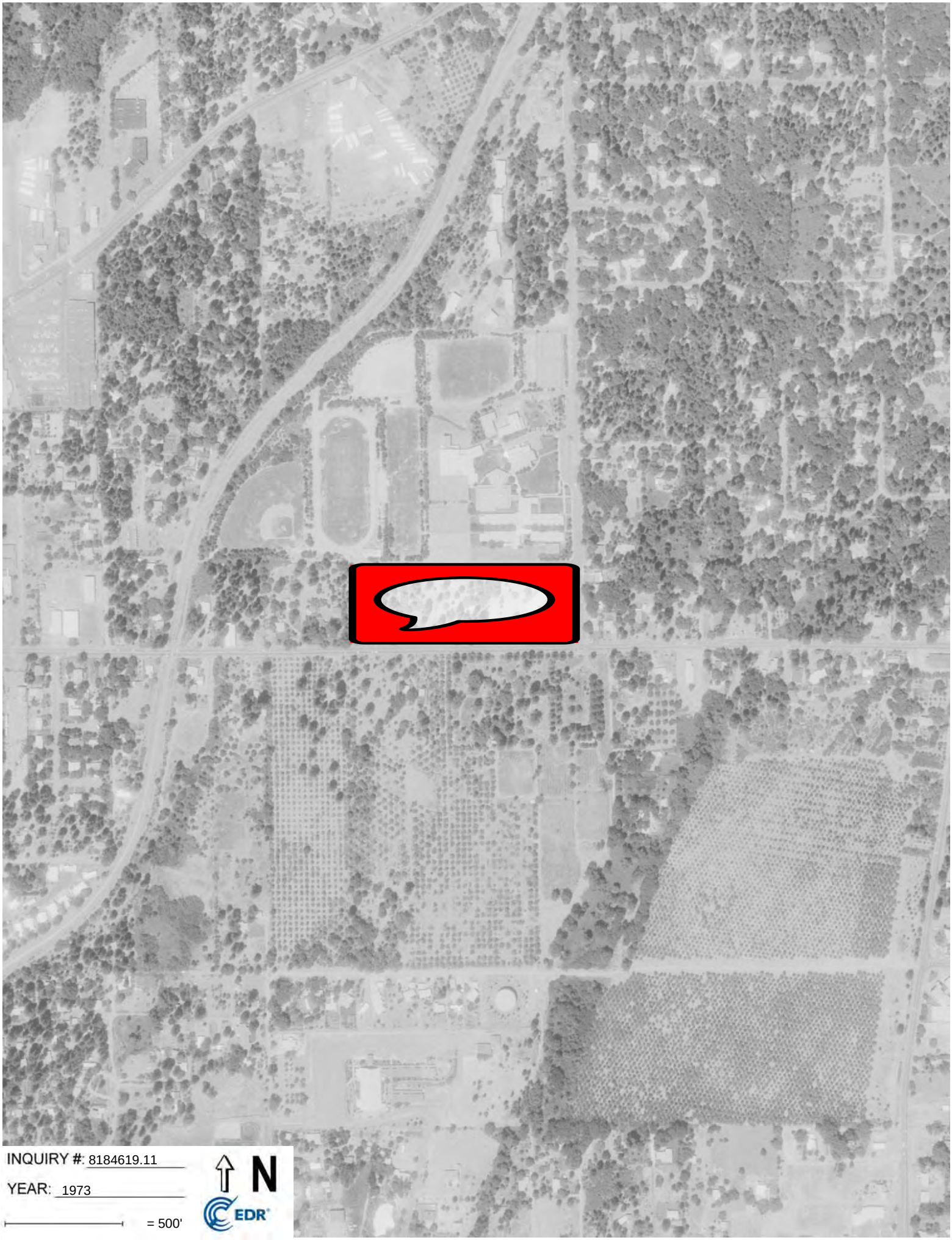
YEAR: 1975
= 500'
N
EDR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YEAR: 1973
= 500'
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EDR

INQUIRY #: 8184619.11
YEAR: 1969
= 500'
N
EDR

INQUIRY #: 8184619.11
YEAR: 1962
= 500'
N
EDR

INQUIRY #: 8184619.11
YEAR: 1952
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EDR

INQUIRY #: 8184619.11

YEAR: 1947

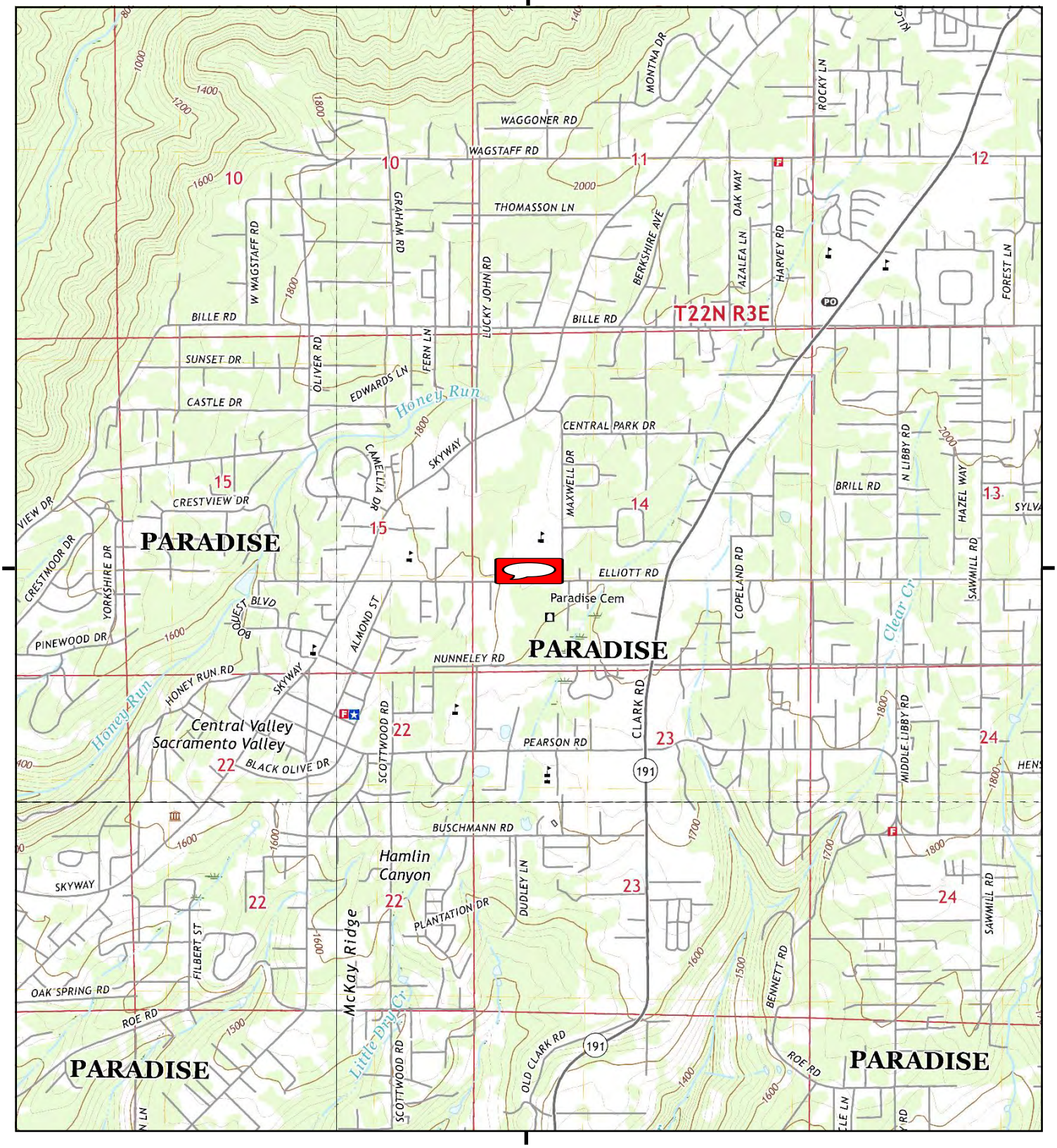
= 500'

N

EDR

Historical Topo Map

2022, 2021



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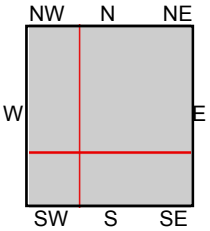


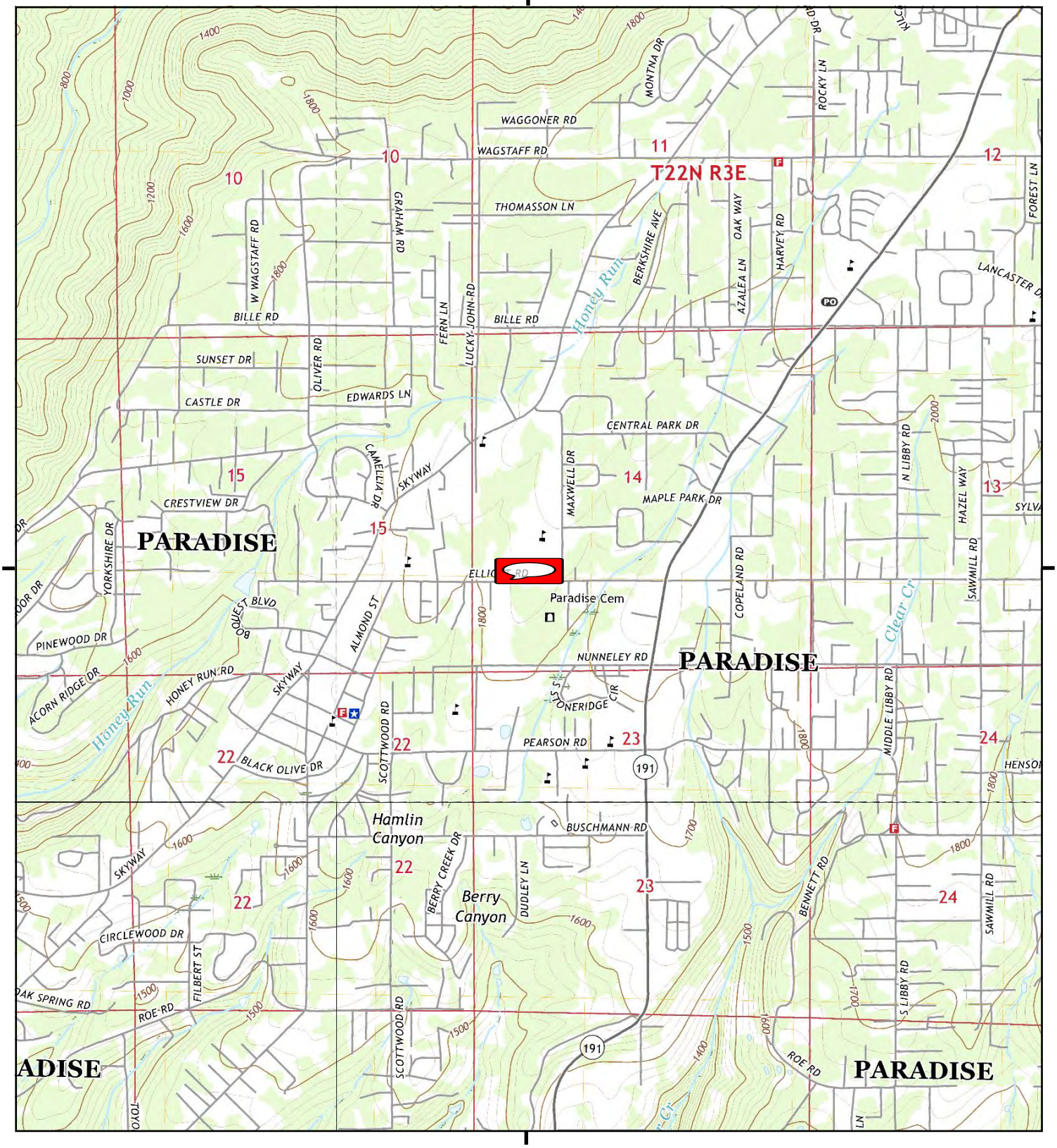
TP, Paradise East, 2022, 7.5-minute
SE, Cherokee, 2022, 7.5-minute
SW, Hamlin Canyon, 2021, 7.5-minute
NW, Paradise West, 2021, 7.5-minute

SITE NAME: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

2018



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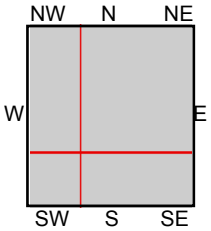

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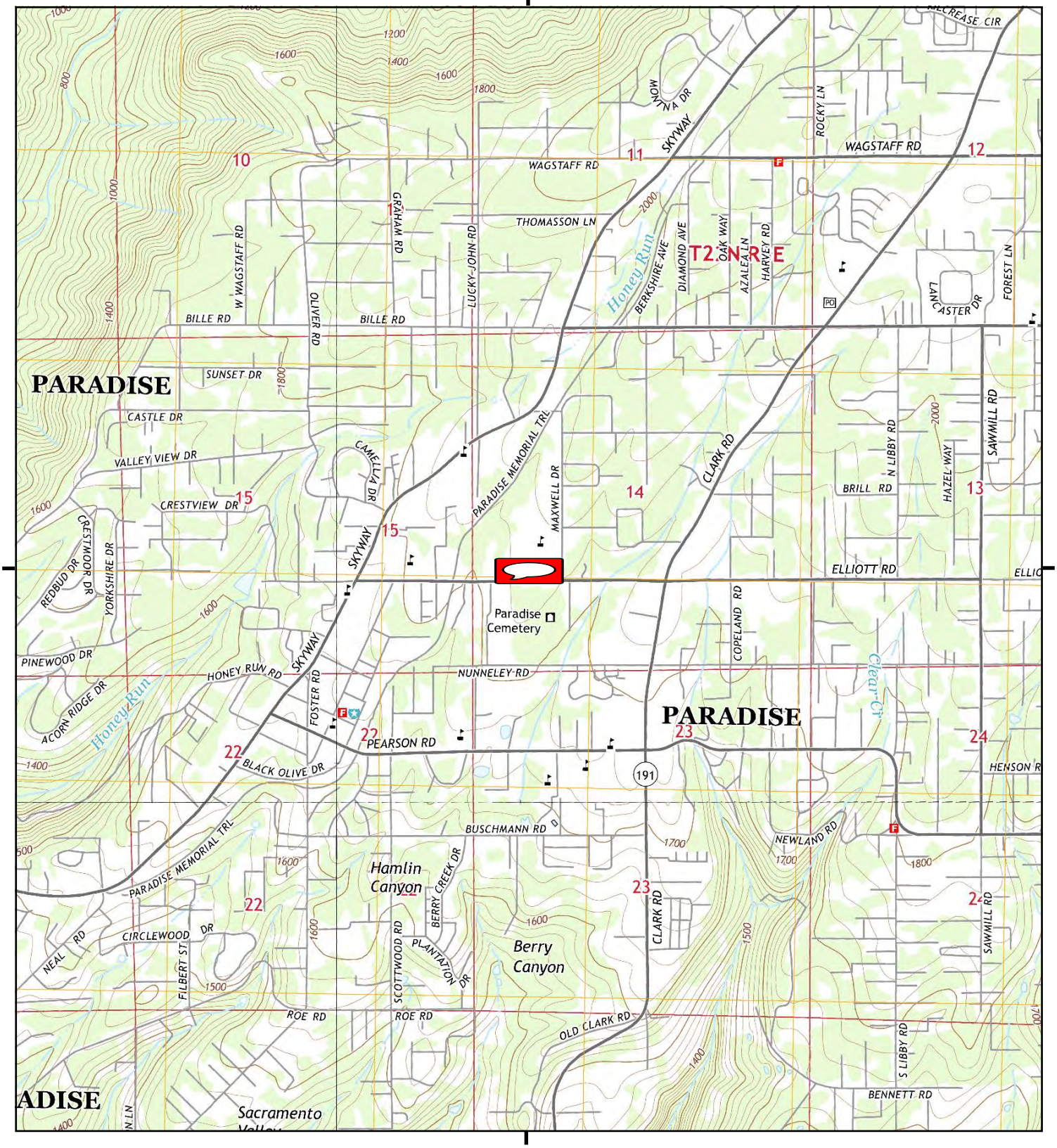
NW, Paradise West, 2018, 7.5-minute

SITE NAME: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

2015



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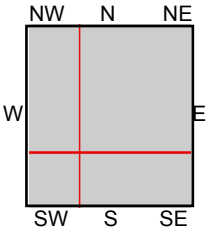

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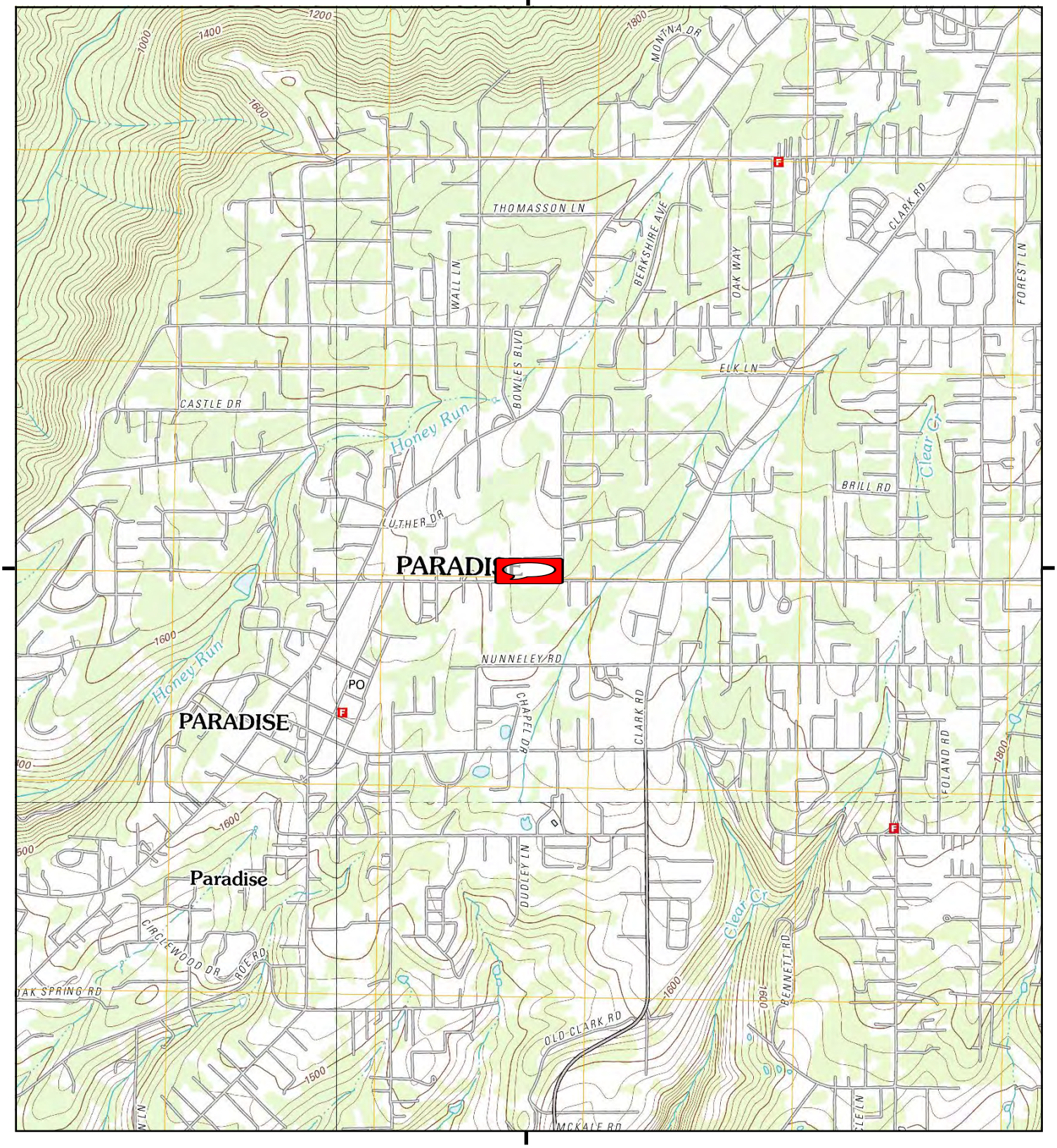
NW, Paradise West, 2015, 7.5-minute

SITE NAME: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

2012



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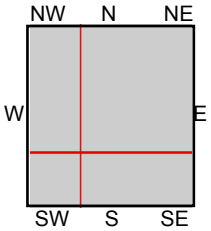

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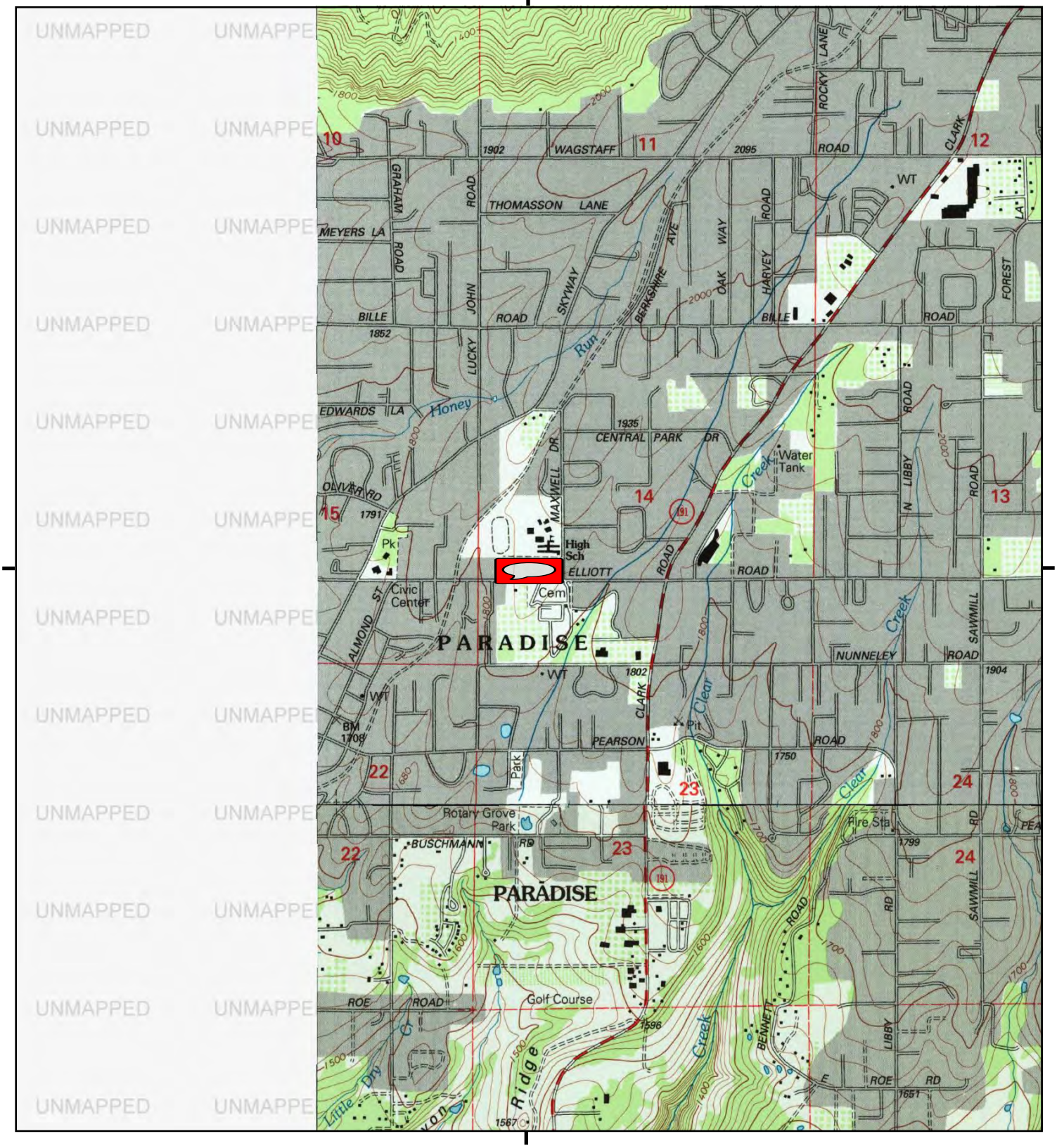
SW, Hamlin Canyon, 2012, 7.5-minute
NW, Paradise West, 2012, 7.5-minute

SITE NAME: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

1994



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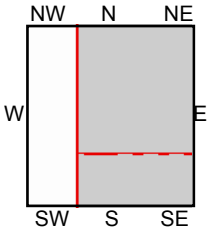

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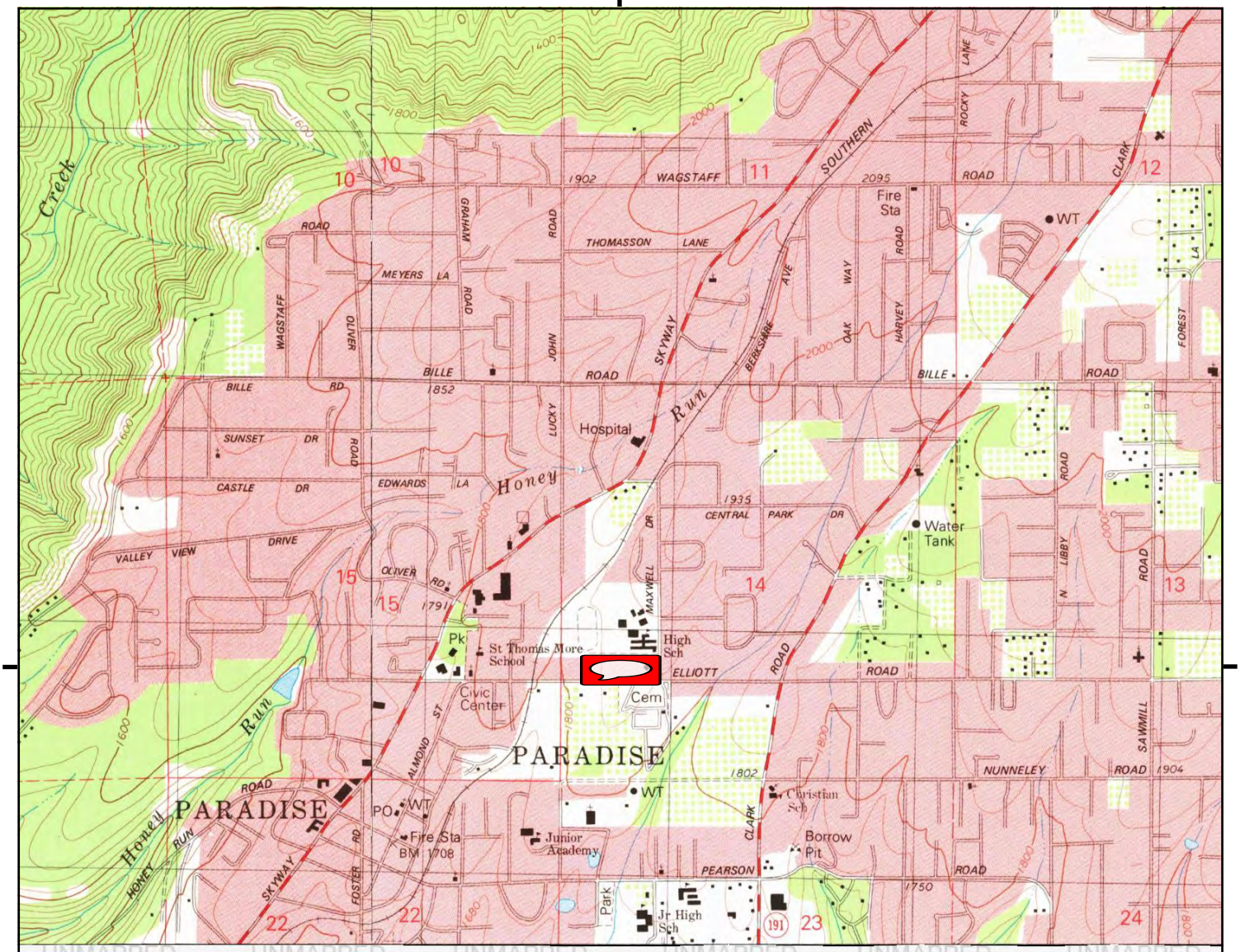
SITE NAME: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

1980



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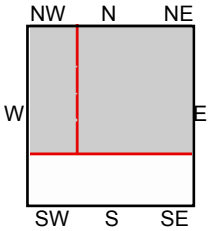

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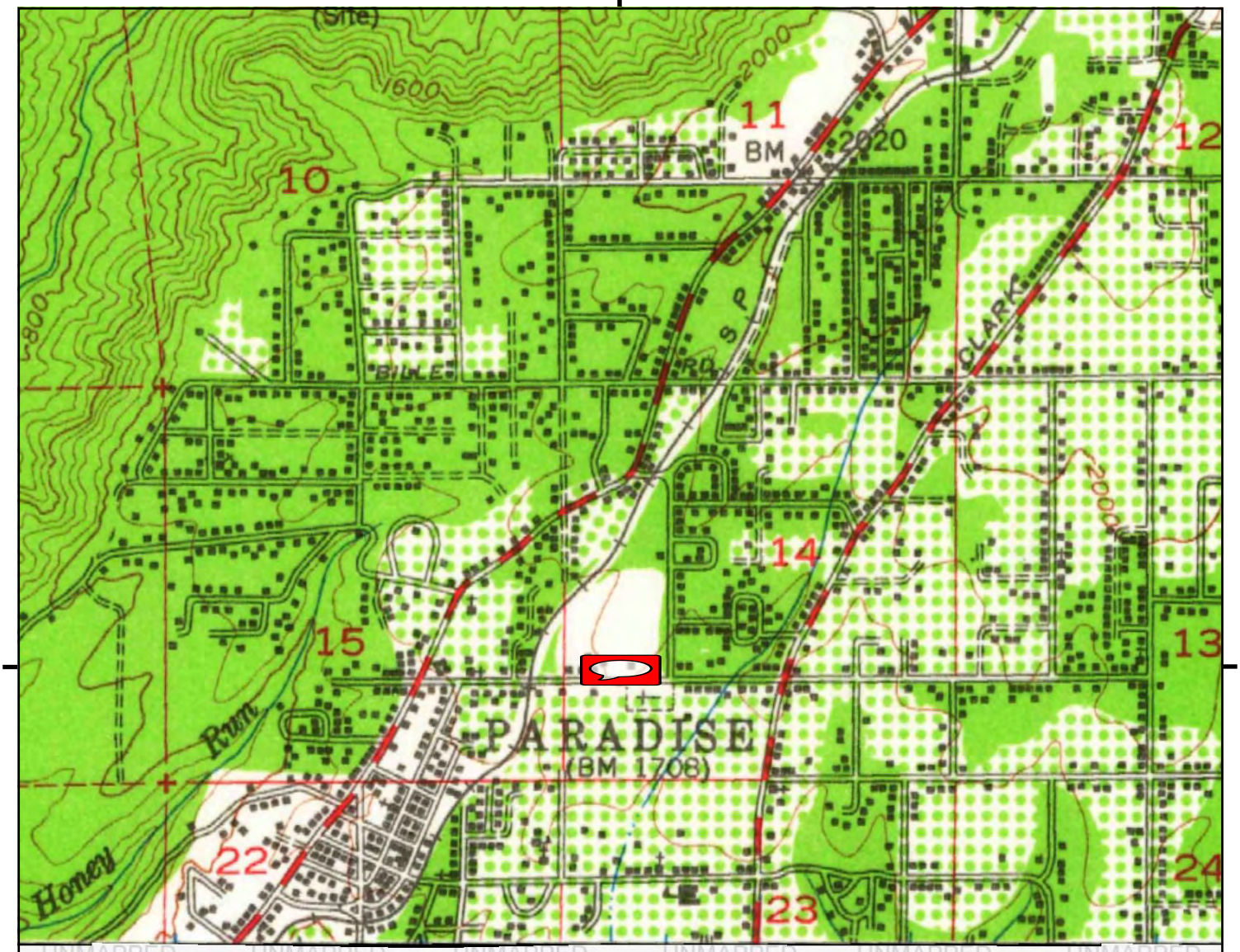
NW, Paradise West, 1980, 7.5-minute

SITE NAME: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

1953



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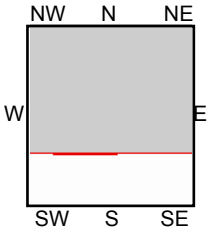


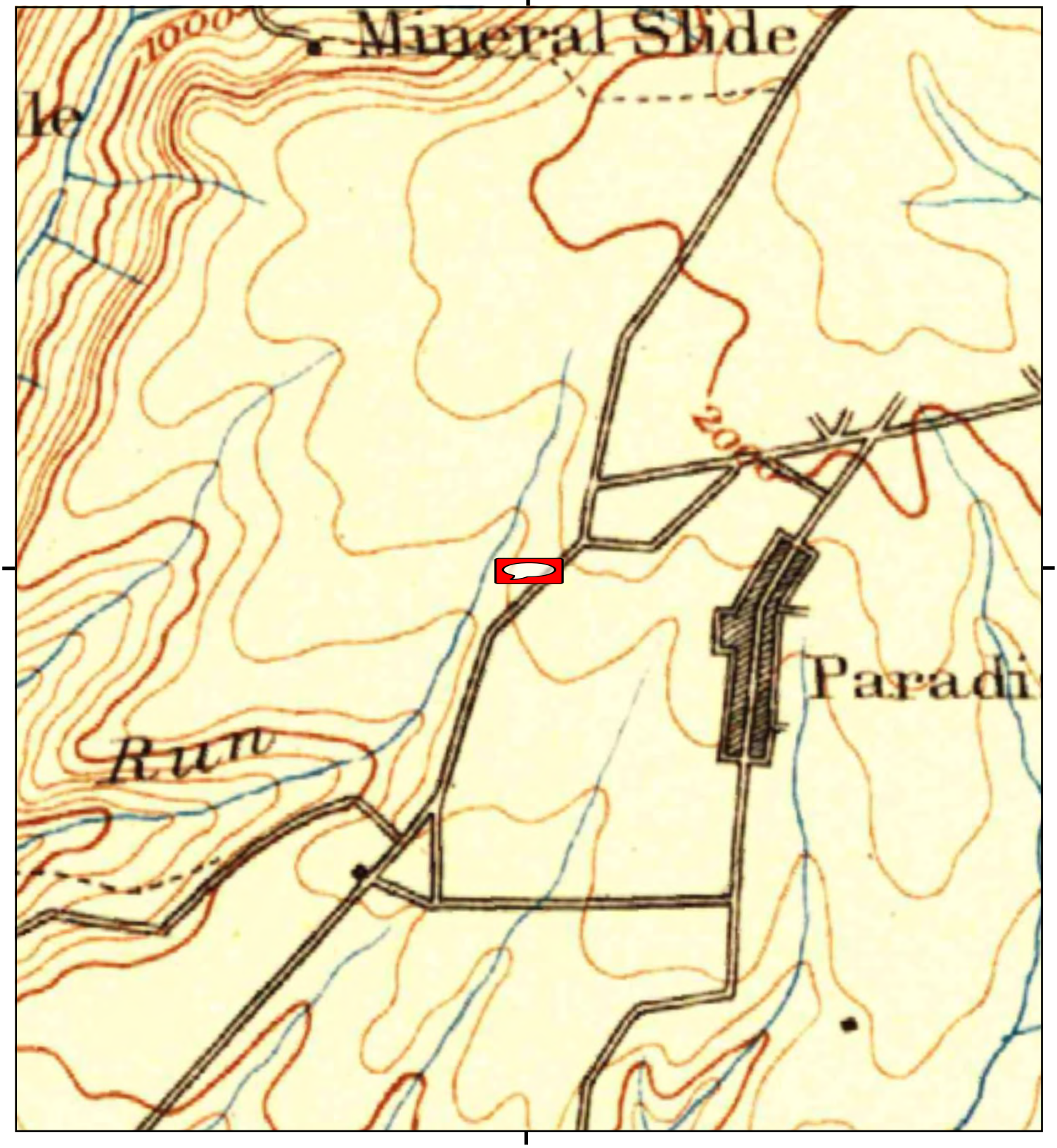
TP, Paradise, 1953, 15-minute

SITE NAME: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

1895



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

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NW N NE
W E
SW S SE

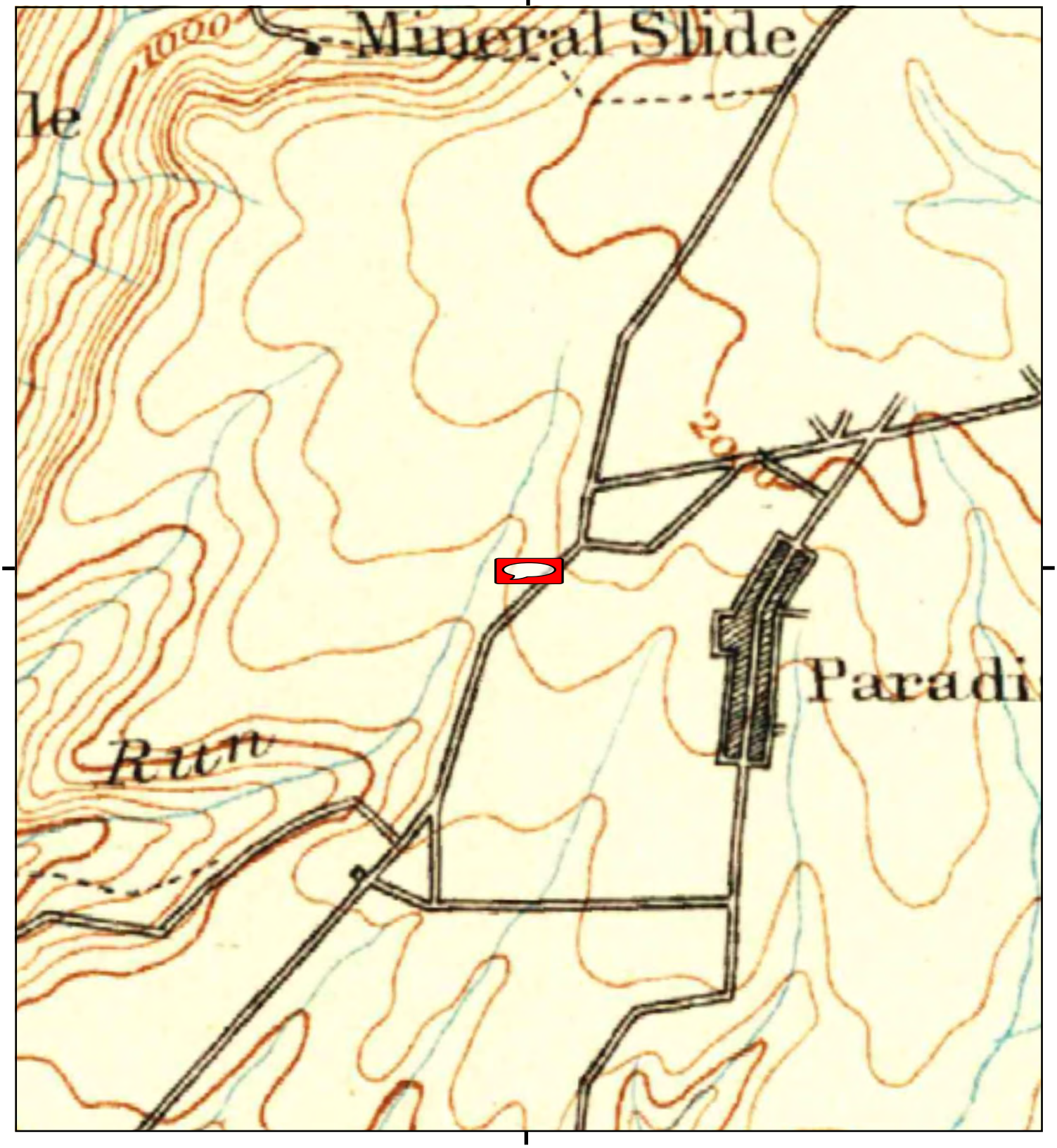
TP, Chico, 1895, 30-minute

SITE NAME: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

Historical Topo Map

1893



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, 1893, 30-minute

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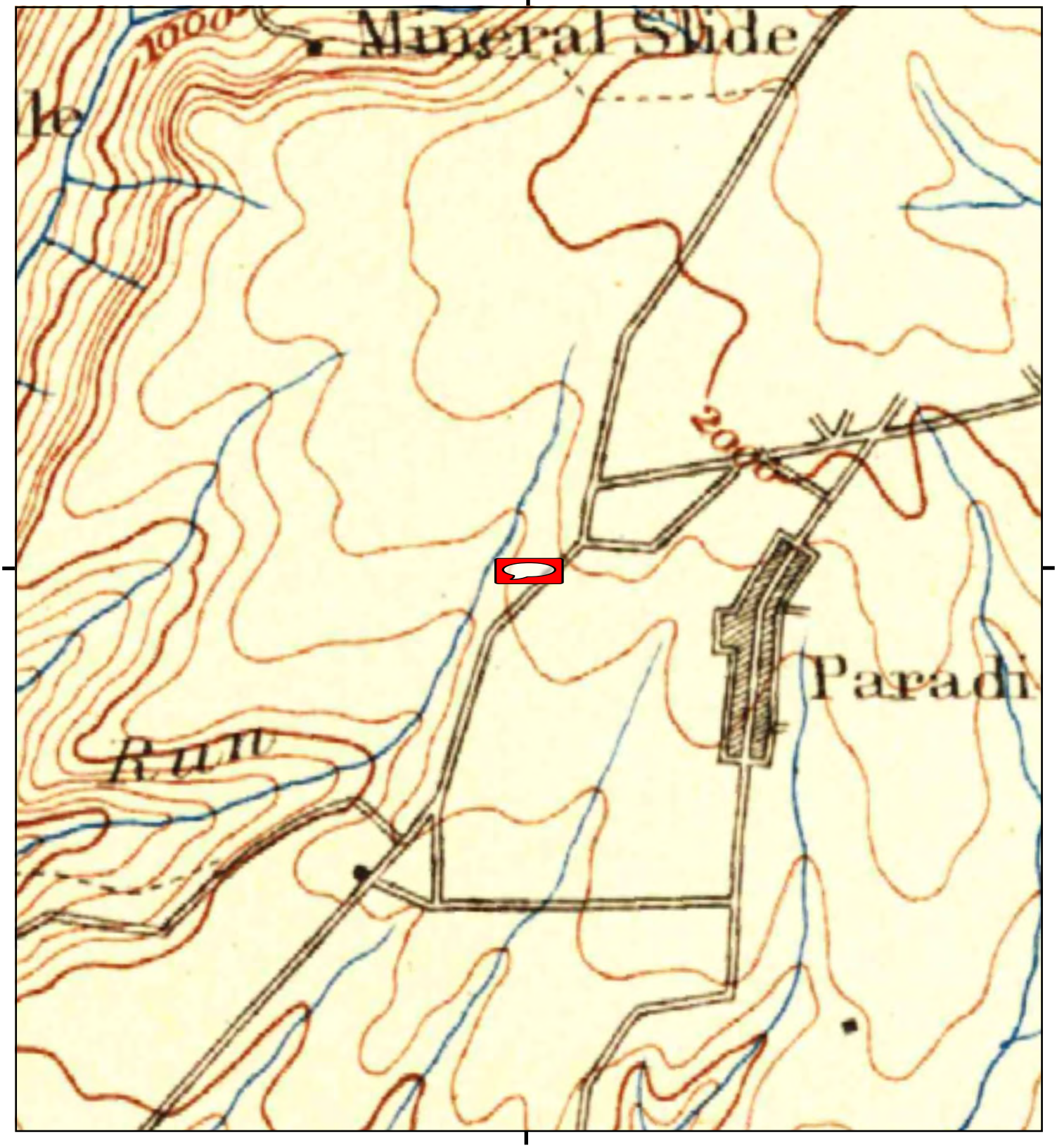
N

Historical Topo Map

1891



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: Paradise USD - New School Facility
ADDRESS: 955 Elliot Road
Paradise, CA 95969
CLIENT: Padre Associates, Inc

N

APPENDIX C
SITE PHOTOGRAPHS

Photo 1 – Looking south across parcel no. -034.

Photo 2 – Former church building location at parcel -034.

Photo 3 – Excavated basement of former church bldg (parcel -034).

Photo 4 – Looking east at Maxwell Drive and residential property.

Photo 5 – Looking south across parcel no. -030.	Photo 6 – Looking north at adjacent property from parcel no. -030.
Photo 7 – Looking east from parcel -030 at parcel -034.	Photo 8 – Looking south from property line between -030 and -028.

Photo 9 – Portable bldgs for United Building Contractors (parcel -030)

Photo 10 – Oil stain in driveway of parcel no. -030.

Photo 11 – Former residential building location on parcel no. -030.

Photo 12 – Looking west along Elliott Road.

Photo 13 – Looking north across parcel no. -014.

Photo 14 – Looking east from parcel -015, across -014 and up at -028.

Photo 15 – Looking north across parcel -015.

Photo 16 – Former building location at parcel no. -015.

APPENDIX D
ENVIRONMENTAL QUESTIONNAIRE

Property Owner Questionnaire

Padre Associates (Padre) on behalf of **Paradise USD and PlaceWorks** is requesting the completion of the following questionnaire by the project site property owner. 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.

Project Site: Five Parcels of land (7.31 acres), located northwest of the intersection of Elliott Rd and Maxwell Dr. in Paradise, CA. A site map is attached.

1. Current Property Owner: Paradise Unifed School District

   Mailing Address: 6696 Clark Rd.

   Contact: David McCready Email/Phone No.: dmccready@pusdk12.org 530-872-6400

2. Date of Ownership: 7/21/2021

3. Previous property owner/date of ownership: _____

_____.

4. Current Property Use(s): Vacant lots, church and residents destroyed in the 2018 Camp Fire

5. Historic Property Use: Homes and Church

_____

6. Are there any building structures located onsite and/or former building structures (i.e., removed)? Please provide building location, use and date of construction: There are 2 portable buildings that will move in the near future.

7. Are there any existing environmental reports for the Project Site: No

8. Is the Project Site connected to City water and sewer; or private well and septic system: City water, septic systems

9. Are there any environmental permits (i.e., air emissions, wastewater discharge, etc.) for the Project Site: 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): No

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: These residents and buildings were destroyed in the 2018 Camp Fire.

14. List past and present pesticide/herbicide use (List chemicals/year): NO

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): Unknown

18. Are you aware of any environmental incidents associated with adjacent or nearby properties: 2018 Camp Fire

COMPLETED BY:

Signature: _____ Date: 12/15/2025

Print Name: Jake Timm

Representing: Paradise Unified School District

Please email completed questionnaire to: Alan J. Klein, Senior Environmental Scientist
Padre Associates
aklein@padreinc.com

padre associates
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (7/24)

NEW SCHOOL FACILITY
ELLIOTT RD AND MAXWELL
DR, PARADISE, CA

PROJECT NO.	DATE	DR. BY	APP. BY
2501-3981	11/6/25	AC	AJK

PLATE 2

SITE MAP

APPENDIX E

CAMP FIRE INCIDENT REPORTS

APPENDIX F

EDR RADIUS MAP REPORT

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, C.P.E.S.C., QSD/QSP, is an Associate Senior Environmental Scientist with Padre Associates. 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 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. 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.

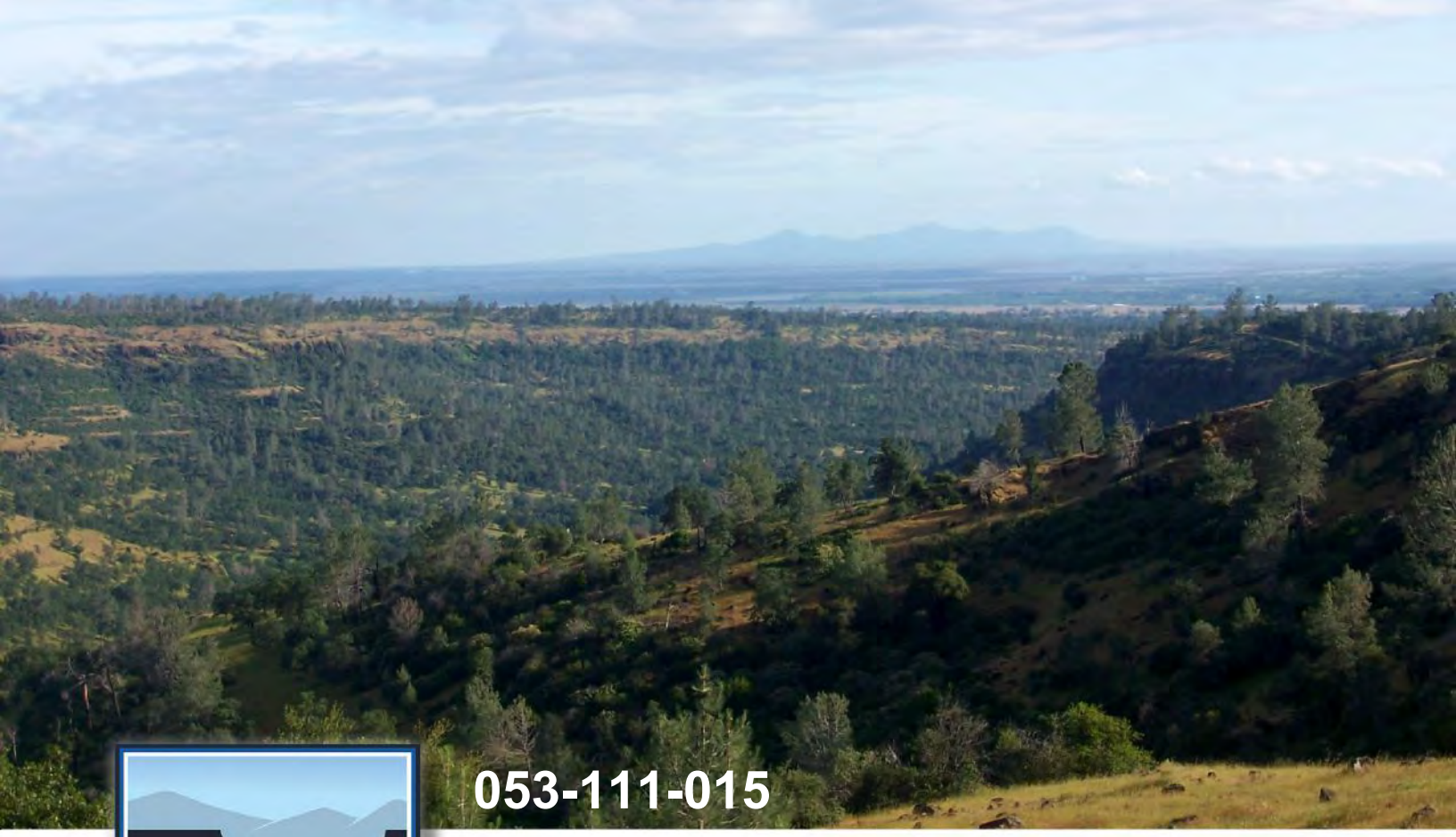
Collin Quesenberry, G.I.T., is a Project Geologist with Padre Associates. He holds a Master of Science degree in Geology from the California State University, East Bay, May 2019. Mr. Quesenberry also has Hazardous Waste Operations and Emergency Response (HAZWOPER) training. Mr. Quesenberry has 6.5 years of professional experience performing environmental site assessments/monitoring programs, conducting subsurface investigations/remediation programs, and developing environmental work plans. His responsibilities include proposal preparation, permitting, subcontractor coordination, implementation of field methods, evaluating environmental sampling results, 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 E

CAMP FIRE INCIDENT REPORTS



053-111-015

897 ELLIOTT RD

39.759956, -121.615699

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: **053-111-015**
Address: **897 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. 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.

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: **053-111-015**
Address: **897 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: **053-111-015**
Address: **897 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.*	No
Asbestos Survey Date	3/20/2019
Asbestos-Containing Materials Requiring Abatement	Yes
Asbestos Activities Completion Date	5/31/2019
Asbestos Survey Notes	None
Geologic Background Set	TVP Area
Property Structures Burned and Removed (square feet)	A: 800 sf; B: 400 sf; C: 100 sf; D: 100 sf
Confirmation Soil Samples Collected	A1, A2, B1, B2, C1, D1
Final Confirmation Soil Samples Above Cleanup Goals and Lab Margin of Error	None
Soil Boring Samples	None
Site Completion Date	7/25/2019
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)

This ROE has been edited to reflect the correct address on page 1
897 Elliot Rd, Paradise, CA 95969

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
JAN 2 5 2019
BY:

Debris Removal Right-of-Entry Permit

(For Providing Debris Removal on Private Property)

Owner Name: MICHAEL AKRidge Deen	
Phone Number & Email: 530-774-7191 1.1ESCAMERAACTIONS@SBCGlobal.net	
Property Address: 897 Elliott Road Paradise, CA 95969	☐Unincorporated or ☑City
Assessor's Parcel Number (APN): 053-111-015-000	
Age of Structure(s): 1946	

The undersigned hereby certifies they/he/she are/is (check):

✓ The owner(s) with authority to grant access to the property at (address)

897 Elliot Rd, Paradise, CA 95969.

_____ The authorized agent of the Property Owner resident at above address.

I / we, Michael A. Deen, 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: The Hartford

Policy Number: SSRBE 346642

Claim Number: P1001811426 5

Agent's Name: Bill Martin

Agent's Phone / e-mail: 630-692-8427 Bill.Martin@thehartford.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.

Michael Akridge Deer
Printed name of Owner or Agent

Michael A. Deer — 01.25.19
Signature of Owner or Agent — Date

530-774-7191 — 1.tescamerraction@sbcglobal.net
Phone number of Owner or Agent — E-mail address of Owner or Agent

65 W. Valley St. Willits, ~~CA~~ CA. 95490
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:

PHES Senior. Suzie Saephan
Title and Printed name of County Representative

Signature of County Representative — 1/31/19
Date

Property Address: 897 Elliott Rd Paradise, CA 95969
APN: ~~P0018 11426 5~~
053 111 015 000

Disaster Debris Removal Program
Property Information

Please identify all that apply on the Property:

Vehicles	Location	Description	Comments
Car	Car port	PT Cruzer	Burnt
Boat or Trailer	next To second house	Tony Trailer	- Flattened
Other vehicles Truck	near front gate	Ford Truck	Burnt
Other: 2 [illegible]	north side of Main House	2 Casual Cars	- Flattened

Underground Tanks	Location	Construction Date (If Known)	Comments
Septic[1] (1)	Main House	Unknown	Under Driveway on west side ~~See attached~~ of Main house
~~Fuel/Oil[2]~~ (2)	Small House	2007	west side of 2nd house/BARN
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	Main House	? 1946?	Under house
Root Cellar			
Other:			

Property Address: 897 Elliott Rd. Pacifica, CA 94044
APN: ~~[illegible]~~
0531110150000

Camp Fire Incident

Property Report | Butte County, California

Site Assessment Form

TETRA TECH

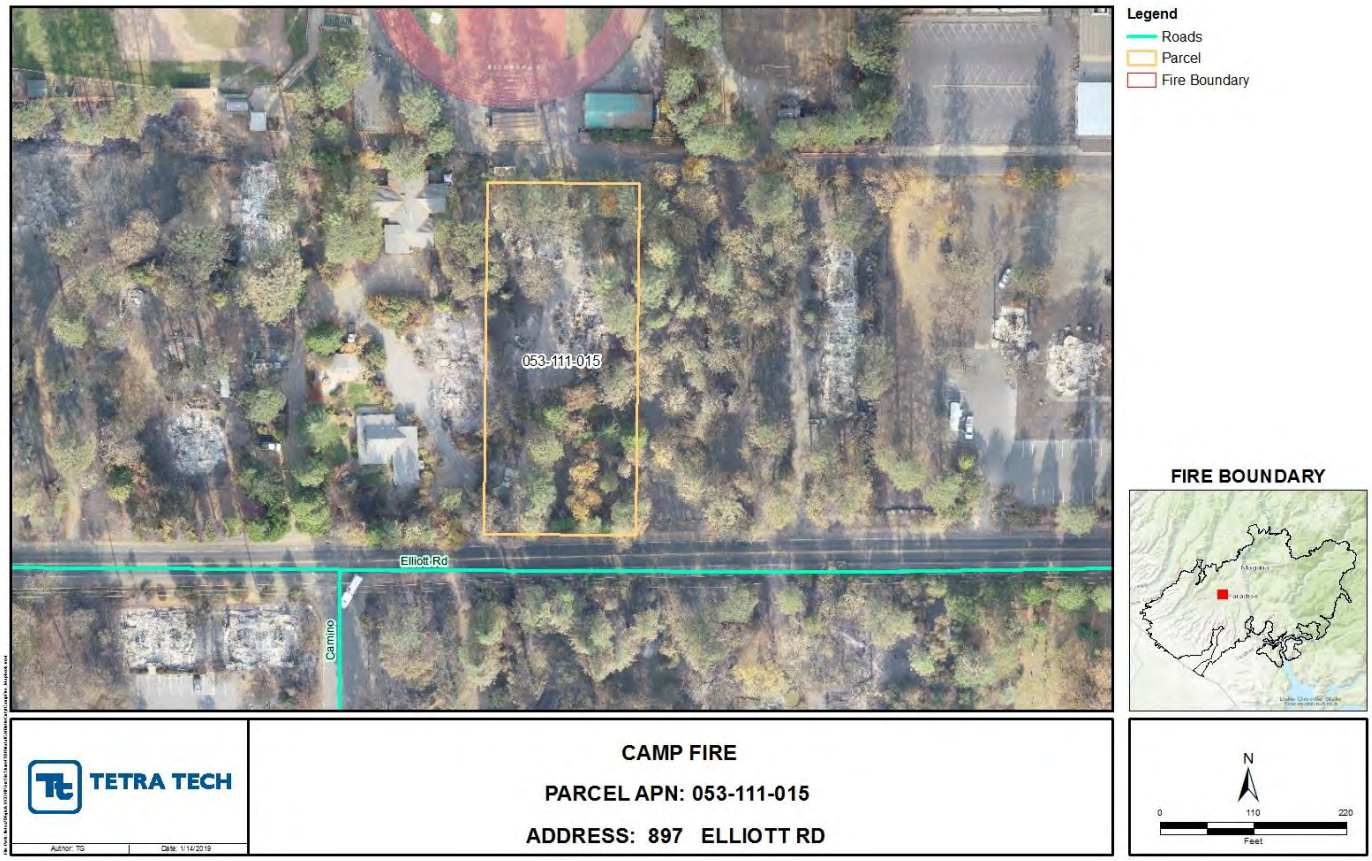
CalRecycle – Camp Fire Site Assessment

Parcel # 053-111-015

Address: 897 Elliott Road, Paradise, CA 95969	
Survey Date: 2/27/2019	**Surveyor(s)**: Gabrielle Attisani, Greg Screws
Damage Area: Paradise	
Foundation	
[ ] Basement [ ] On Block [X] Slab (On-grade)	
[ ] No Visible Foundation	
Notes:	
Exterior	
[ ] Exterior Walls Damaged	[ ] Visible Structural Damage
[X] Totally Collapsed	[ ] Partially Collapsed
[ ] No visible damage observed	
Notes:	
Driveway	
[X] Paved [ ] Dirt/Stone [ ] Bridge	[X] Pre-existing damage (cracks or damage)
Site Hazards	
[X] [A] Automobile	[ ] Pool/Spa (Below Ground)
[ ] [C] Chimney	[ ] [R] RVs (Other motorized vehicle)
[ ] [H] HHW	[ ] [S] Septic
[X] [M] Metal	[X] [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 # 053-111-015

Parcel Location – Aerial Imagery



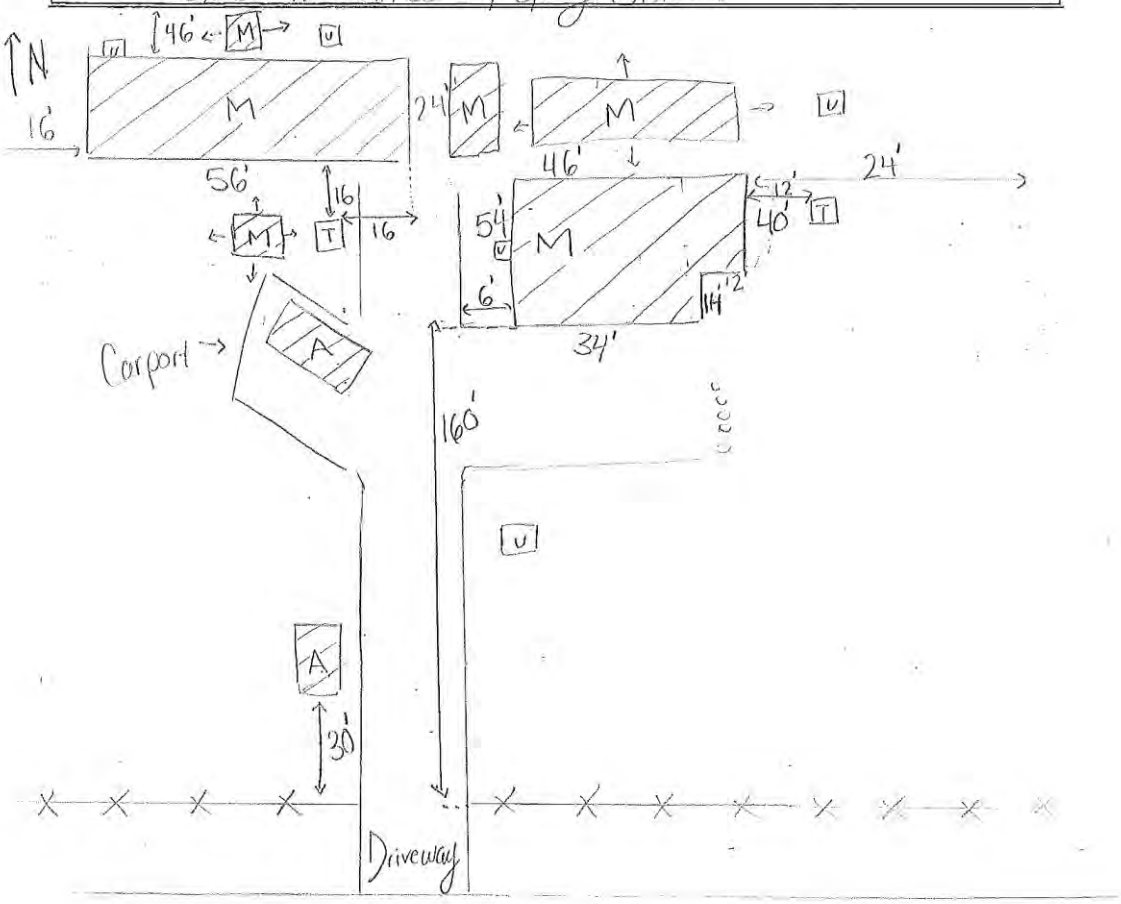
***Imagery provided is based on California parcel data overlaid against ESRI base map imagery. This should not be used as a lone dataset without referencing against County data, visual data, and other available datasets to identify parcel boundaries**.

Site Survey Sketch 1

TETRA TECH

CalRecycle – Camp Fire Site Assessment

APN # 053-111-015	Date: 2-27-19
Address: 897 Elliot Road	
Surveyor(s): Gabrielle Affisoni, Greg Screws	



RAD Bk:	5	µR/h	PID Bk:	Ø	ppm	Hg Bk:	0 mg/m³
RAD Site:	8	µR/h	PID Site	Ø	ppm	Hg Site:	0 mg/m³

Notes:
2 structures Septic refer to ROE
2 autos

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 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

Property View Right Side	
Structure	Primary Structure

Photo Description

Property View Right Side	
Structure	Primary Structure

Photo Description

Property View Right Side	
Structure	Primary Structure

Photo Description

Property View From Front	
Structure	Secondary Structure

Photo Description

Property View Left Side	
Structure	Secondary Structure

Photo Description

Property View Left Side	
Structure	Secondary Structure

Photo Description

Property View Back Side	
Structure	Secondary Structure

Photo Description

Property View Right Side	
Structure	Secondary Structure

Photo Description

Site Hazard	Automobile
Photo Direction	

Photo Description

Site Hazard	Automobile
Photo Direction	

Photo Description

Site Hazard	Metal
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

Camp Fire Incident

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

Inspector(s): Steve West Angela Deason

Owner: Michael A. Deen # Structures: 6

Construction Materials:
[X] Wood [ ] Masonry [X] Concrete [ ] Metal [ ] Unknown [ ] None
[ ] Other:

Foundation:
[ ] Slab [X] Subfloor [ ] Footings [ ] Unknown [ ] None
[ ] Other:

Floor:
[ ] Concrete [X] Wood [ ] Dirt [ ] Unknown [ ] None
[ ] Other:

Roofing:
[ ] Clay Tile [ ] Cementitious Shingle [X] Asphaltic Composite [ ] Metal [ ] Unknown [ ] None
[ ] Other:

Siding:
[ ] Wood [ ] Cementitious [ ] Panels [ ] Brick [ ] Concrete [X] Stucco [ ] Vinyl [ ] Aluminum [ ] None
[ ] Unknown [ ] Other:

Furnace/Ducts: [X] No [ ] Yes

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
Structure Type:	Trailer 1	Structural Integrity:	Destroyed	Suspect Material:	Yes
Structure Type:	Trailer 2	Structural Integrity:	Destroyed	Suspect Material:	No
Structure Type:	Trailer 3	Structural Integrity:	Destroyed	Suspect Material:	Yes
Structure Type:	Shop	Structural Integrity:	Destroyed	Suspect Material:	Yes
Structure Type:	Shed	Structural Integrity:	Destroyed	Suspect Material:	No

Suspect Material	SAMPLE #	SAMPLE ID	Material Location	Quantity (SF/LF)
Concrete	01	BFI-053-111-015-01	House foundation	1400(SF)
Asphalt Shingle	02	BFI-053-111-015-02	House roof	1400(SF)

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

Suspect Material	SAMPLE #	SAMPLE ID	Material Location	Quantity (SF/LF)
Drywall and Joint Compound	03	BFI-053-111-015-03	House Throughout	1400(SF)
Tile Bed and Grout	04	BFI-053-111-015-04	House Bathroom	200(SF)
Cementitious Siding	05	BFI-053-111-015-05	House Kitchen	200(SF)
Vinyl Floor Tile	06	BFI-053-111-015-06	House Kitchen	200(SF)
Stucco	07	BFI-053-111-015-07	House Perimeter	1400(SF)
Window Caulking	08	BFI-053-111-015-08	Trailer 1 Perimeter	30(LF)
Sheet Flooring	09	BFI-053-111-015-09	Trailer 1 Throughout	50(SF)
Window Caulking	10	BFI-053-111-015-10	Trailer 3 Perimeter	40(LF)
Vinyl Floor Tile	11	BFI-053-111-015-11	Trailer 3 Throughout	30(SF)
Asphalt Shingle	12	BFI-053-111-015-12	Shop roof	800(SF)
Drywall and Joint Compound	13	BFI-053-111-015-13	Shop Throughout	800(SF)

Materials Marked: [X] Yes [ ] No [ ] NA Paint Color: Pink

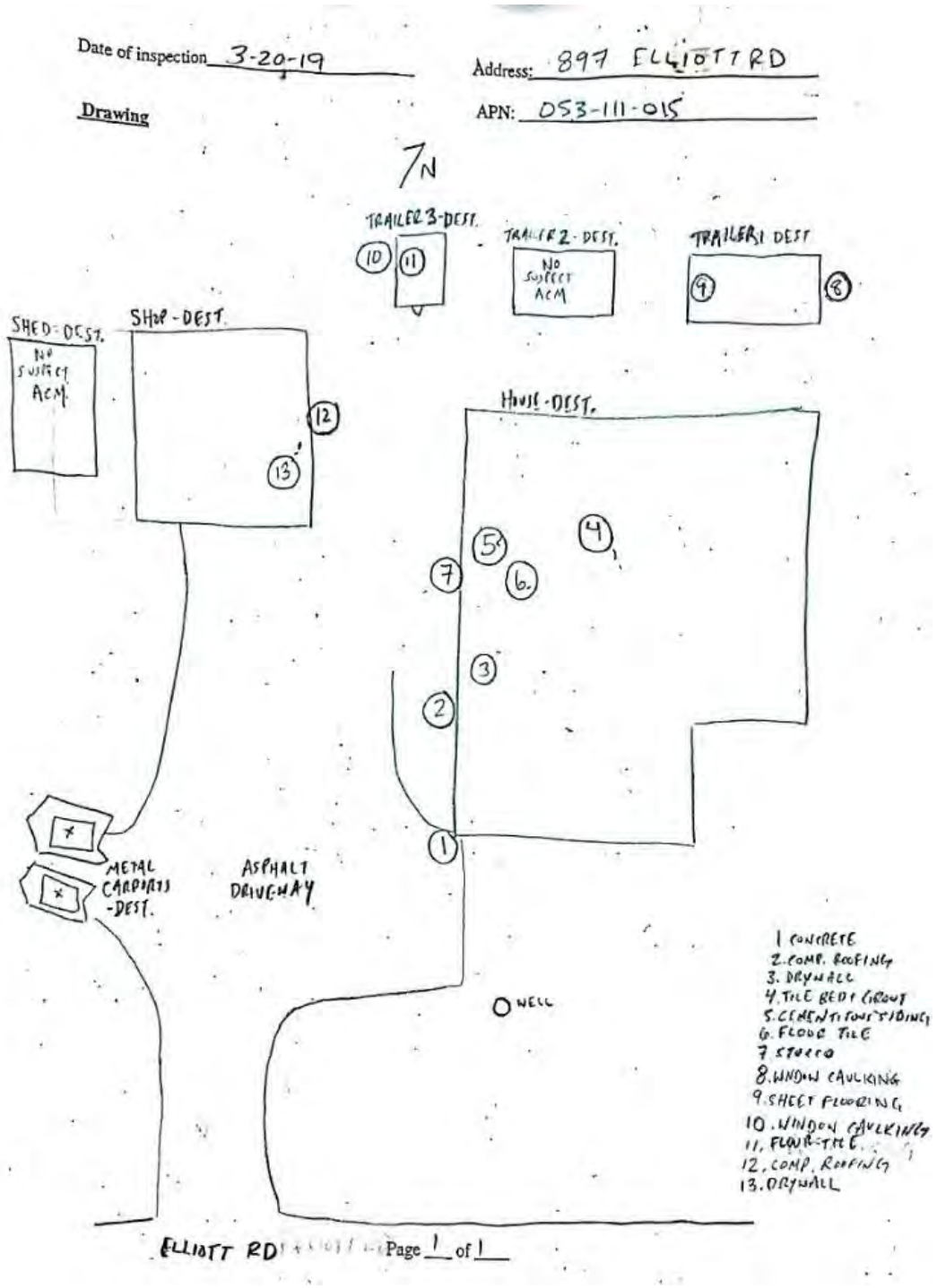
OTHER NOTES ON THE PROPERTY:

-Window Caulking (sample 10) and both floor tiles (samples 06 and 11) marked.

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

Property Drawing:



Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

Property Overview Photo:

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

STRUCTURE 1 OVERVIEW PHOTO: House

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

STRUCTURE 2 OVERVIEW PHOTO: Trailer 1

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

STRUCTURE 3 OVERVIEW PHOTO: Trailer 2

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

STRUCTURE 4 OVERVIEW PHOTO: Trailer 3

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

STRUCTURE 5 OVERVIEW PHOTO: Shop

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

STRUCTURE 6 OVERVIEW PHOTO: Shed

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 1 - House foundation - BFI-053-111-015-01

Suspect Material: Concrete

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 1 - House roof - BFI-053-111-015-02

Suspect Material: Asphalt Shingle

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 1 - House Throughout - BFI-053-111-015-03

Suspect Material: Drywall and Joint Compound

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 1 - House Bathroom - BFI-053-111-015-04

Suspect Material: Tile Bed and Grout

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 1 - House Kitchen - BFI-053-111-015-05

Suspect Material: Cementitious Siding

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 1 - House Kitchen - BFI-053-111-015-06

Suspect Material: Vinyl Floor Tile

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 1 - House Perimeter - BFI-053-111-015-07

Suspect Material: Stucco

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 2 - Trailer 1 Perimeter - BFI-053-111-015-08

Suspect Material: Window Caulking

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 2 - Trailer 1 Throughout - BFI-053-111-015-09

Suspect Material: Sheet Flooring

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 4 - Trailer 3 Perimeter - BFI-053-111-015-10

Suspect Material: Window Caulking

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 4 - Trailer 3 Throughout - BFI-053-111-015-11

Suspect Material: Vinyl Floor Tile

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 5 - Shop roof - BFI-053-111-015-12

Suspect Material: Asphalt Shingle

Date of Inspection: 3/20/2019 Address: 897 ELLIOTT RD PARADISE CA 95969

APN: 053-111-015

SAMPLE PHOTO: STRUCTURE 5 - Shop Throughout - BFI-053-111-015-13

Suspect Material: Drywall and Joint Compound

Camp Fire Incident

Property Report | Butte County, California

Asbestos Survey Results

MicroTest Laboratories, Inc. | NVLAP Code: 200999-0
3110 Gold Canal Dr, Ste. A, Rancho Cordova, CA 95670
PH 916.567.9808 | FX 916.404.0302
www.microtestlabsinc.com | service@microtestlabsinc.com

****for office use only****

Accession Numbers:

191109-21

CLIENT INFORMATION

Company	Tetra Tech EMI Inc.
Name	Lona Pearson
Address	2969 Prospect Park Drive Ste. 100 Rancho Cordova, CA 95670
Phone	916.853.4557
Email	lona.pearson@tetratech.com

SAMPLE

Date	Wednesday, March 20, 2019
Time	2:26 PM

JOB SITE INFORMATION

Sampler	Steve West
APN	053-111-015
Address	897 Elliot Road Paradise, CA 95969

MicroTest Laboratories

Analytical Data

POLARIZED LIGHT MICROSCOPY (PLM) EPA METHOD 600 / R-93 / 116

Sample ID	Accession Number	Location	Description	Non Fibrous / Fibrous Materials	Asbestiform Minerals %
BFI-053-111-015-01	191109	House Foundation	Gray Concrete	99% Binder	None Detected
BFI-053-111-015-02	191110	House Roof	Gray Roofing	10% Fiberglass 90% Binder	None Detected
BFI-053-111-015-03	191111	House Throughout	Cream Joint Compound/Sheetrock Composite	99% Binder	None Detected
BFI-053-111-015-04	191112	House Bathroom	Gray Tile Bed	99% Binder	None Detected
			Gray Grout	99% Binder	None Detected
BFI-053-111-015-05	191113	House Kitchen	Tan Siding	99% Binder	None Detected
BFI-053-111-015-06	191114	House Kitchen	Tan Tile	99% Binder	None Detected
BFI-053-111-015-07	191115	House Perimeter	Gray Stucco	99% Binder	None Detected
BFI-053-111-015-08	191116	Trailer 1 Perimeter	Cream Caulking	95% Binder	5% Chrysotile
BFI-053-111-015-09	191117	Trailer 1 Throughout	Orange Flooring	90% Binder	10% Chrysotile
BFI-053-111-015-10	191118	Trailer 3 Perimeter	Cream Caulking	95% Binder	5% Chrysotile

REPORT

Date	Friday, March 22, 2019

Samples Received: 13

Samples Analyzed: 13

Analyst: Amritpal Nagra

Authorized Signatory: Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, None Detected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). This report is limited to items analyzed here within.This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced in full without written authorization from MicroTest Laboratories, Inc.

MicroTest Laboratories, Inc. | NVLAP Code: 200999-0
3110 Gold Canal Dr, Ste. A, Rancho Cordova, CA 95670
PH 916.567.9808 | FX 916.404.0302
www.microtestlabsinc.com | service@microtestlabsinc.com

****for office use only****

Accession Numbers:

191109-21

CLIENT INFORMATION

Company Tetra Tech EMI Inc.
Name Lona Pearson
Address 2969 Prospect Park Drive Ste. 100
Rancho Cordova, CA 95670
Phone 916.853.4557
Email lona.pearson@tetratech.com

SAMPLE

Date Wednesday, March 20, 2019
Time 2:26 PM

JOB SITE INFORMATION

Sampler Steve West
APN 053-111-015
Address 897 Elliot Road
Paradise, CA 95969

MicroTest Laboratories

Analytical Data

POLARIZED LIGHT MICROSCOPY (PLM) EPA METHOD 600 / R-93 / 116

Sample ID	Accession Number	Location	Description	Non Fibrous / Fibrous Materials	Asbestiform Minerals %
BFI-053-111-015-11	191119	Trailer 3 Throughout	Gray Tile	99% Binder	None Detected
BFI-053-111-015-12	191120	Shop Roof	Gray Roofing	10% Fiberglass 90% Binder	None Detected
BFI-053-111-015-13	191121	Shop Thoughout	Tan Joint Compound/Sheetrock Composite	99% Binder	None Detected

REPORT

Date Friday, March 22, 2019

Samples Received: 13
Samples Analyzed: 13

Analyst: Amritpal Nagra

Authorized Signatory: Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, None Detected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). This report is limited to items analyzed here within.This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced in full without written authorization from MicroTest Laboratories, Inc.

Proprietary to MicroTest Laboratories, Inc

Accession No: 191109-21
Sample Date: 3-20-19
Receipt Date: 3-21-19

CLIENT INFORMATION		SAMPLE		JOB SITE INFORMATION	
Company	Tetra Tech	**Date**	3/20/2019	**Site**	053-111-015
Sampler	Steve West	**Time**	14:46:00	**Address**	897 ELLIOTT RD PARADISE CA 95969
Address	2696 Prospect Park Dr. St 100				
	Rancho Cordova, CA 95670			**Name**	Camp/Paradise Fire
Phone	916-997-8085	**Laboratory**		**Job#**	105S007003
Email	lona.pearson@tetratech.com	Chain-Of-Custody		**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*	Anderson	
7-Day	TEM*	TCLP*		

Sample Number	Sample ID	Location	Description
1	BFI-053-111-015-01	House foundation 191109	Concrete
2	BFI-053-111-015-02	House roof 10	Asphalt Shingle
3	BFI-053-111-015-03	House Throughout 11	Drywall and Joint Compound
4	BFI-053-111-015-04	House Bathroom 12	Tile Bed and Grout
5	BFI-053-111-015-05	House Kitchen 13	Cementitious Siding
6	BFI-053-111-015-06	House Kitchen 14	Vinyl Floor Tile
7	BFI-053-111-015-07	House Perimeter 15	Stucco
8	BFI-053-111-015-08	Trailer 1 Perimeter 16	Window Caulking
9	BFI-053-111-015-09	Trailer 1 Throughout 17	Sheet Flooring
10	BFI-053-111-015-10	Trailer 3 Perimeter 18	Window Caulking
11	BFI-053-111-015-11	Trailer 3 Throughout 19	Vinyl Floor Tile
12	BFI-053-111-015-12	Shop roof 20	Asphalt Shingle
13	BFI-053-111-015-13	Shop Throughout 21	Drywall and Joint Compound

Issues please call Lona Pearson 916.997.8085. Email results to: lona.pearson@tetratech.com; andre.baker@tetratech.com;
Special Instructions: Trina.Wetters@etratech.com; Chris.Burns@tetratech.com (Stop on 1st positive as applicable per HA)

Relinquished By (Client)	Date/Time	Relinquished By (Lab)	Date/Time
[signature]	3-20-19		
Received By (Lab)	**Date/Time**	**Received By (Client)**	**Date/Time**
[signature]	3-21-19 3pm		

Total Number of Samples 13
COC Page # 1 of 2

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phase Contrast Microscopy | TEM* Transmission Electron Microscopy | *TTCL** Total Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentration TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotopic Plate*

Camp Fire Incident

Property Report | Butte County, California

Asbestos Abatement Clearance

Camp Fire Daily Asbestos Abatement Clearance Form

Start Date of Abatement: 5-30-19

End Date of Abatement: 5-31-19

APN: 053-111-015

Address: 897 Elliott Road

Task Force Leader: Kyle Thomas A174171

Contractor: ECC/Cal-Inc

Crew Number: 806412

Date of Abatement for specific material	Asbestos Containing Material Abated	Unit Count Bags/Cubic yards	Completely Abated Yes/No	Initials of CAC/SST
5-30-19	#8 window Caulking	2 Bags	Yes	M.E.
5-31-19	#9 Sheet flooring	5 Bags	Yes	M.E.
	total	7 Bags		
		1cy M.E		

Other suspect material uncovered during abatement: YES NO

Estimated LF/SF: _____

Contractor assistance needed to complete abatement: YES NO
IF YES WHAT IS THE REASON:

Abatement Clear for Debris Removal: YES NO

Final Completion Inspector Print and Signature: M.E., MARK S. ERVIN E573822

Task Force Leader Print and Signature: Kyle T
Kyle Thomas A174171

OTHER NOTES ON THE PROPERTY:

Camp Fire Incident

Property Report | Butte County, California

Cleanup Goals Screening Table

Camp Fire Incident

Cleanup Goals Screening Table

APN: 053-111-015
897 ELLIOTT RD
PARADISE CA 95969

SDG #: 1920438
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-053-111-015-A1	6/21/19	2.5 U	3.4	230	0.58 J	0.62 U	110	24	57	9.5	0.25 U	0.41 J	67	2.5 U	1.2 U	1.2 U	210	92
BFI-053-111-015-A2	6/21/19	2.5 U	3.7	190	0.61 J	0.62 U	100	20	55	9	0.25 U	0.41 J	58	2.5 U	1.2 U	1.2 U	200	44
BFI-053-111-015-B1	6/21/19	2.5 U	4.5	220	0.59 J	0.62 U	130	21	73	39	0.25 U	0.59 J	67	2.5 U	1.2 U	1.2 U	220	130
BFI-053-111-015-B2	6/21/19	2.5 U	4.7	200	0.9 J	0.62 U	150	27	83	51	0.25 U	0.65 J	78	2.5 U	1.2 U	1.2 U	230	130
BFI-053-111-015-C1	6/21/19	0.45 J	4.2	170	0.61 J	0.62 U	130	25	63	31	0.25 U	0.57 J	74	2.5 U	1.2 U	1.2 U	210	120
BFI-053-111-015-D1	6/21/19	0.63 J	4.6	190	0.86 J	0.43 J	130	27	73	47	0.25 U	1 J	75	2.5 U	1.2 U	1.2 U	180	150

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

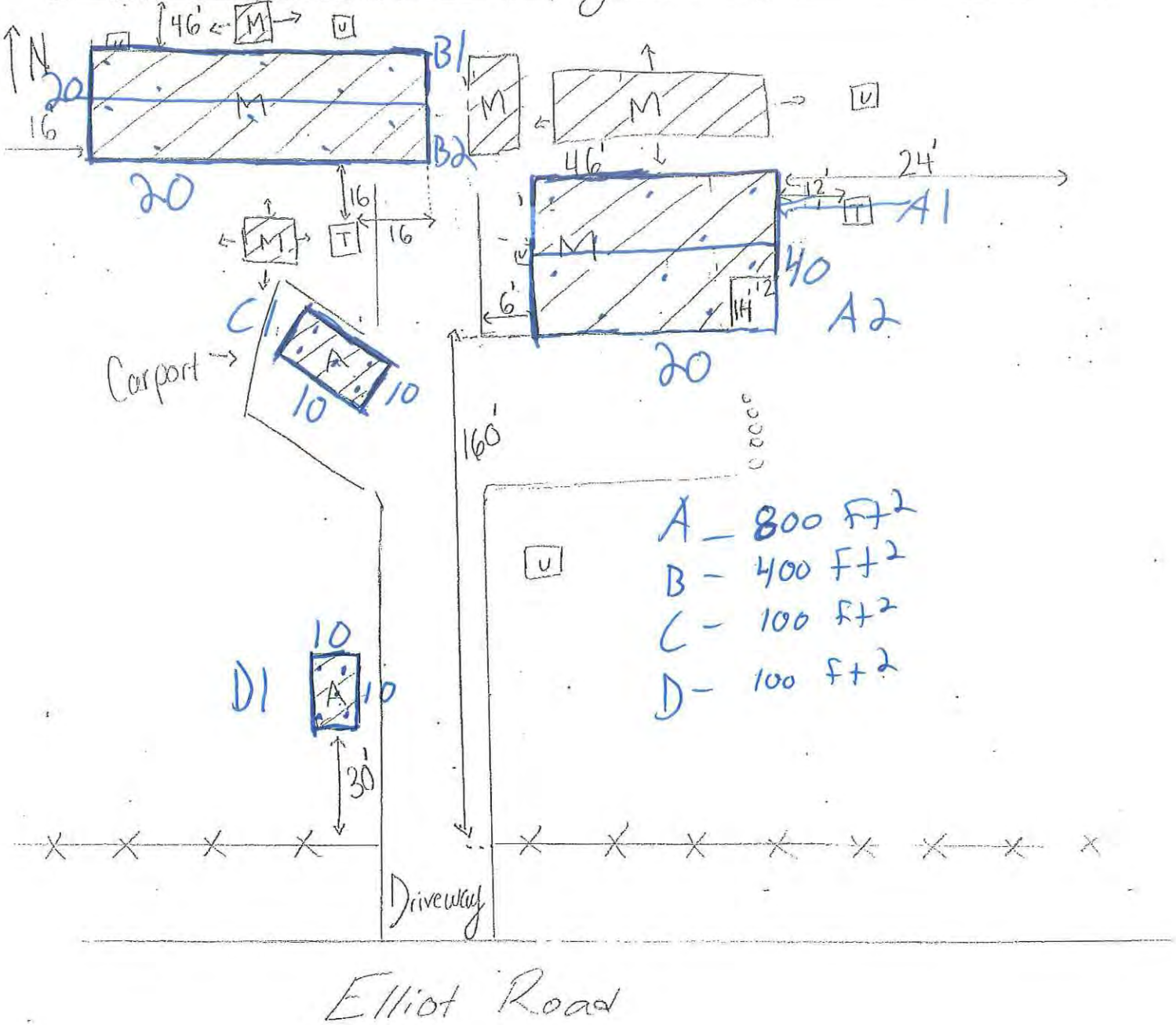
Property Report | Butte County, California

Soil Sampling Map

TETRA TECH

CalRecycle – Camp Fire Site Assessment

APN # 053-111-015	Date: 2-27-19
Address: 897 Elliot Road	
Surveyor(s): Gabrielle Affsani, Greg Screws	



RAD Bk:	5	µR/h	PID Bk:	Ø	ppm	Hg Bk:	0 mg/m³
RAD Site:	8	µR/h	PID Site	Ø	ppm	Hg Site:	0 mg/m³

Notes:
2 structures Septic refer to RDE
2 autos

- Map not to scale
- Site assessment map amendments may have been made during the debris removal and soil sampling to improve accuracy.
- Adjustments may have included, but not been limited to, dimension adjustments, adding/removing structures, redistributed to follow property lines and redrawing for North orientation.
- Sampling events were carried out at the discretion of Tetra Tech, and Calllecycle program guidelines.

☐ Estimated debris footprint
• Sample Aliquot

Camp Fire Incident

Property Report | Butte County, California

Laboratory Report **and**
Data Validation Checklist

Date of Report: 07/01/2019

Susan Gallagher

Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Client Project: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969)
BCL Project: Camp Fire
BCL Work Order: 1920438
Invoice ID: B345578

Enclosed are the results of analyses for samples received by the laboratory on 6/25/2019. 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

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Camp Fire Incident
Location: Butte County, CA

No: 1920438 **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:** 6/24/2019	**Purchase Order:**	**Sampled By:** Team20_M Parenti, P Borland		

Lab #	Sample #	Collected	Sample Time	Containers	Location	Analysis	Matrix	TAT
-1	BFI-053-111-015-A1	6/21/2019	14:30:00	1	897 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-2	BFI-053-111-015-A2	6/21/2019	14:35:00	1	897 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-3	BFI-053-111-015-B1	6/21/2019	14:40:00	1	897 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-4	BFI-053-111-015-B2	6/21/2019	14:45:00	1	897 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-5	BFI-053-111-015-C1	6/21/2019	14:50:00	1	897 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr
-6	BFI-053-111-015-D1	6/21/2019	14:55:00	1	897 ELLIOTT RD PARADISE CA 95969	CA Title 22 Metals	Soil	72 hr

CHK BY
DISTRIBUTION
WA/RETRUPDAT
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
		6-21-19 1730	BC	JUN 24 2019 1400	Good

6-25-19 08:28

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Chain of Custody and Cooler Receipt Form for 1920438 Page 2 of 2

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 1

Submission #: 19-20438

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☒
BC Lab Field Service ☐ Other ☒ (Specify) GSO	Other ☐ (Specify)	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 Date/Time: 10.25.19

Temperature: (A) 18.0 °C / (C) 17.7 °C 10/25 Analyst Init: 08:25

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 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: JMZ Date/Time: 10/25/19 1120

A = Actual / C = Corrected Rev 21 05/23/2016

Tetra Tech EM, Inc 1999 Harrison Street, Suite 500 Subcontract No. 1070183, Release 4 Oakland, CA 94612	**Reported:** 07/01/2019 7:55 Project: Camp Fire Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 9596 Project Manager: Susan Gallagher

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1920438-01	**COC Number:**	---	**Receive Date:**	06/25/2019 08:28
	Project Number:	---	**Sampling Date:**	06/21/2019 14:30
	Sampling Location:	053-111-015	**Sample Depth:**	---
	Sampling Point:	BFI-053-111-015-A1	**Lab Matrix:**	Solids
	Sampled By:	Team20_M Parenti, P Borland	**Sample Type:**	Soil
1920438-02	**COC Number:**	---	**Receive Date:**	06/25/2019 08:28
	Project Number:	---	**Sampling Date:**	06/21/2019 14:35
	Sampling Location:	053-111-015	**Sample Depth:**	---
	Sampling Point:	BFI-053-111-015-A2	**Lab Matrix:**	Solids
	Sampled By:	Team20_M Parenti, P Borland	**Sample Type:**	Soil
1920438-03	**COC Number:**	---	**Receive Date:**	06/25/2019 08:28
	Project Number:	---	**Sampling Date:**	06/21/2019 14:40
	Sampling Location:	053-111-015	**Sample Depth:**	---
	Sampling Point:	BFI-053-111-015-B1	**Lab Matrix:**	Solids
	Sampled By:	Team20_M Parenti, P Borland	**Sample Type:**	Soil
1920438-04	**COC Number:**	---	**Receive Date:**	06/25/2019 08:28
	Project Number:	---	**Sampling Date:**	06/21/2019 14:45
	Sampling Location:	053-111-015	**Sample Depth:**	---
	Sampling Point:	BFI-053-111-015-B2	**Lab Matrix:**	Solids
	Sampled By:	Team20_M Parenti, P Borland	**Sample Type:**	Soil
1920438-05	**COC Number:**	---	**Receive Date:**	06/25/2019 08:28
	Project Number:	---	**Sampling Date:**	06/21/2019 14:50
	Sampling Location:	053-111-015	**Sample Depth:**	---
	Sampling Point:	BFI-053-111-015-C1	**Lab Matrix:**	Solids
	Sampled By:	Team20_M Parenti, P Borland	**Sample Type:**	Soil
1920438-06	**COC Number:**	---	**Receive Date:**	06/25/2019 08:28
	Project Number:	---	**Sampling Date:**	06/21/2019 14:55
	Sampling Location:	053-111-015	**Sample Depth:**	---
	Sampling Point:	BFI-053-111-015-D1	**Lab Matrix:**	Solids
	Sampled By:	Team20_M Parenti, P Borland	**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: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1920438-01 **Client Sample Name:** 053-111-015, BFI-053-111-015-A1, 6/21/2019 2:30:00PM, Team20_M Parenti, P Borland

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	**3.4 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**230 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	0.58 (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	J,A07	2
Cadmium	ND (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	A07	1
Chromium	**110 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**24 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**57 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**9.5 (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	3
Molybdenum	0.41 (AR)	mg/kg	1.2 (AR)	0.22 (AR)	EPA-6020	3500	J,A07	1
Nickel	**67 (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	ND (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	A07	1
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**210 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**92 (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	06/26/19 13:30	06/27/19 23:48	ARD	PE-EL4	4.902	B049698
2	EPA-6020	06/26/19 13:30	06/28/19 14:27	AS1	PE-EL4	4.902	B049698
3	EPA-6020A	06/26/19 13:30	06/27/19 23:48	ARD	PE-EL4	4.902	B049698

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1920438-02 | **Client Sample Name:** 053-111-015, BFI-053-111-015-A2, 6/21/2019 2:35:00PM, Team20_M Parenti, P Borland

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	**3.7 (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	0.61 (AR)	mg/kg	1.2 (AR)	0.20 (AR)	EPA-6020	75	J,A07	2
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	**20 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**55 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**9.0 (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	3
Molybdenum	0.41 (AR)	mg/kg	1.2 (AR)	0.22 (AR)	EPA-6020	3500	J,A07	1
Nickel	**58 (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	ND (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	A07	1
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**200 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**44 (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	06/26/19 13:30	06/27/19 23:50	ARD	PE-EL4	5	B049698
2	EPA-6020	06/26/19 13:30	06/28/19 14:30	AS1	PE-EL4	5	B049698
3	EPA-6020A	06/26/19 13:30	06/27/19 23:50	ARD	PE-EL4	5	B049698

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Oakland, CA 94612

Reported: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1920438-03 | **Client Sample Name:** 053-111-015, BFI-053-111-015-B1, 6/21/2019 2:40:00PM, Team20_M Parenti, P Borland

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	**4.5 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**220 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	0.59 (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	**130 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**21 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**73 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**39 (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	0.59 (AR)	mg/kg	1.2 (AR)	0.22 (AR)	EPA-6020	3500	J,A07	1
Nickel	**67 (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	ND (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	A07	1
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**220 (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	06/26/19 13:30	06/27/19 23:57	ARD	PE-EL4	4.902	B049698
2	EPA-6020A	06/26/19 13:30	06/27/19 23:57	ARD	PE-EL4	4.902	B049698

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1920438-04 **Client Sample Name:** 053-111-015, BFI-053-111-015-B2, 6/21/2019 2:45:00PM, Team20_M Parenti, P Borland

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	**4.7 (AR)**	**mg/kg**	**2.5 (AR)**	**0.85 (AR)**	**EPA-6020**	500	**A07**	1
Barium	**200 (AR)**	**mg/kg**	**1.2 (AR)**	**0.27 (AR)**	**EPA-6020**	10000	**A07**	1
Beryllium	**0.90 (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	**150 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**27 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**83 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**51 (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	**0.65 (AR)**	**mg/kg**	**1.2 (AR)**	**0.22 (AR)**	**EPA-6020**	3500	**J,A07**	1
Nickel	**78 (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	ND (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	A07	1
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**230 (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	06/26/19 13:30	06/27/19 23:59	ARD	PE-EL4	4.950	B049698
2	EPA-6020A	06/26/19 13:30	06/27/19 23:59	ARD	PE-EL4	4.950	B049698

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1920438-05 | **Client Sample Name:** 053-111-015, BFI-053-111-015-C1, 6/21/2019 2:50:00PM, Team20_M Parenti, P Borland

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	**4.2 (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	0.61 (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	**130 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**25 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**63 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**31 (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	0.57 (AR)	mg/kg	1.2 (AR)	0.22 (AR)	EPA-6020	3500	J,A07	1
Nickel	**74 (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	ND (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	A07	1
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**210 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**120 (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	06/26/19 13:30	06/28/19 00:02	ARD	PE-EL4	4.762	B049698
2	EPA-6020A	06/26/19 13:30	06/28/19 00:02	ARD	PE-EL4	4.762	B049698

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969
Project Manager: Susan Gallagher

Total Concentrations (TTLC)

BCL Sample ID: 1920438-06 | **Client Sample Name:** 053-111-015, BFI-053-111-015-D1, 6/21/2019 2:55:00PM, Team20_M Parenti, P Borland

Constituent	Dry Basis Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	0.63 (AR)	mg/kg	2.5 (AR)	0.40 (AR)	EPA-6020	500	J,A07	1
Arsenic	**4.6 (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	**0.86 (AR)**	**mg/kg**	**1.2 (AR)**	**0.20 (AR)**	**EPA-6020**	75	**J,A07**	1
Cadmium	0.43 (AR)	mg/kg	0.62 (AR)	0.24 (AR)	EPA-6020	100	J,A07	1
Chromium	**130 (AR)**	**mg/kg**	**3.8 (AR)**	**1.2 (AR)**	**EPA-6020**	2500	**A07**	1
Cobalt	**27 (AR)**	**mg/kg**	**1.2 (AR)**	**0.24 (AR)**	**EPA-6020**	8000	**A07**	1
Copper	**73 (AR)**	**mg/kg**	**2.5 (AR)**	**0.50 (AR)**	**EPA-6020**	2500	**A07**	1
Lead	**47 (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	**75 (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	ND (AR)	mg/kg	1.2 (AR)	0.26 (AR)	EPA-6020	500	A07	1
Thallium	ND (AR)	mg/kg	1.2 (AR)	0.24 (AR)	EPA-6020	700	A07	1
Vanadium	**180 (AR)**	**mg/kg**	**3.8 (AR)**	**1.4 (AR)**	**EPA-6020**	2400	**A07**	1
Zinc	**150 (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	06/26/19 13:30	06/28/19 00:04	ARD	PE-EL4	4.717	B049698
2	EPA-6020A	06/26/19 13:30	06/28/19 00:04	ARD	PE-EL4	4.717	B049698

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1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969
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: B049698						
Antimony	B049698-BLK1	ND	mg/kg	0.50	0.080	
Arsenic	B049698-BLK1	ND	mg/kg	0.50	0.17	
Barium	**B049698-BLK1**	**0.10500**	**mg/kg**	**0.25**	**0.054**	**J**
Beryllium	B049698-BLK1	ND	mg/kg	0.25	0.041	
Cadmium	B049698-BLK1	ND	mg/kg	0.12	0.048	
Chromium	B049698-BLK1	ND	mg/kg	0.75	0.25	
Cobalt	B049698-BLK1	ND	mg/kg	0.25	0.049	
Copper	B049698-BLK1	ND	mg/kg	0.50	0.099	
Lead	B049698-BLK1	ND	mg/kg	0.25	0.12	
Mercury	B049698-BLK2	ND	mg/kg	0.050	0.021	
Molybdenum	B049698-BLK1	ND	mg/kg	0.25	0.045	
Nickel	B049698-BLK1	ND	mg/kg	0.50	0.11	
Selenium	B049698-BLK1	ND	mg/kg	0.50	0.11	
Silver	B049698-BLK1	ND	mg/kg	0.25	0.051	
Thallium	B049698-BLK1	ND	mg/kg	0.25	0.049	
Vanadium	B049698-BLK1	ND	mg/kg	0.75	0.27	
Zinc	**B049698-BLK1**	**1.3232**	**mg/kg**	**2.5**	**0.50**	**J**

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Tetra Tech EM, Inc
1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 9596
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: B049698										
Antimony	B049698-BS1	LCS	10.546	10.000	mg/kg	105		75 - 125		
Arsenic	B049698-BS1	LCS	26.271	25.000	mg/kg	105		75 - 125		
Barium	B049698-BS1	LCS	10.847	10.000	mg/kg	108		75 - 125		
Beryllium	B049698-BS1	LCS	10.769	10.000	mg/kg	108		75 - 125		
Cadmium	B049698-BS1	LCS	10.362	10.000	mg/kg	104		75 - 125		
Chromium	B049698-BS1	LCS	10.272	10.000	mg/kg	103		75 - 125		
Cobalt	B049698-BS1	LCS	10.441	10.000	mg/kg	104		75 - 125		
Copper	B049698-BS1	LCS	26.072	25.000	mg/kg	104		75 - 125		
Lead	B049698-BS1	LCS	27.452	25.000	mg/kg	110		75 - 125		
Mercury	B049698-BS2	LCS	4.0472	4.0000	mg/kg	101		75 - 125		
Molybdenum	B049698-BS1	LCS	9.5188	10.000	mg/kg	95.2		75 - 125		
Nickel	B049698-BS1	LCS	25.222	25.000	mg/kg	101		75 - 125		
Selenium	B049698-BS1	LCS	27.778	25.000	mg/kg	111		75 - 125		
Silver	B049698-BS1	LCS	10.424	10.000	mg/kg	104		75 - 125		
Thallium	B049698-BS1	LCS	10.738	10.000	mg/kg	107		75 - 125		
Vanadium	B049698-BS1	LCS	10.071	10.000	mg/kg	101		75 - 125		
Zinc	B049698-BS1	LCS	28.998	25.000	mg/kg	116		75 - 125		

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1999 Harrison Street, Suite 500
Subcontract No. 1070183, Release 4
Oakland, CA 94612

Reported: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 9596
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: B049698	Used client sample: N										
Antimony	DUP	**1920436-02**	**2.4188**	**1.5750**		**mg/kg**	**42.3**		**20**		**J,A02**
	MS	**1920436-02**	**2.4188**	**12.759**	**20.000**	**mg/kg**		**51.7**		**16 - 119**	
	MSD	**1920436-02**	**2.4188**	**13.752**	**20.000**	**mg/kg**	**7.5**	**56.7**	**20**	**16 - 119**	
Arsenic	DUP	1920436-02	4.1925	3.8250		mg/kg	9.2		20		
	MS	1920436-02	4.1925	44.525	50.000	mg/kg		80.7		75 - 125	
	MSD	1920436-02	4.1925	45.089	50.000	mg/kg	1.3	81.8	20	75 - 125	
Barium	DUP	**1920436-02**	**213.50**	**169.96**		**mg/kg**	**22.7**		**20**		**Q01**
	MS	**1920436-02**	**213.50**	**216.09**	**20.000**	**mg/kg**		**13.0**		**75 - 125**	**A03**
	MSD	**1920436-02**	**213.50**	**215.86**	**20.000**	**mg/kg**	**0.1**	**11.8**	**20**	**75 - 125**	**A03**
Beryllium	DUP	**1920436-02**	**0.71250**	**0.51375**		**mg/kg**	**32.4**		**20**		**J,A02**
	MS	**1920436-02**	**0.71250**	**21.258**	**20.000**	**mg/kg**		**103**		**75 - 125**	
	MSD	**1920436-02**	**0.71250**	**22.129**	**20.000**	**mg/kg**	**4.0**	**107**	**20**	**75 - 125**	
Cadmium	DUP	1920436-02	ND	ND		mg/kg			20		
	MS	1920436-02	ND	19.118	20.000	mg/kg		95.6		75 - 125	
	MSD	1920436-02	ND	19.449	20.000	mg/kg	1.7	97.2	20	75 - 125	
Chromium	DUP	**1920436-02**	**123.11**	**101.24**		**mg/kg**	**19.5**		**20**		
	MS	**1920436-02**	**123.11**	**134.97**	**20.000**	**mg/kg**		**59.3**		**75 - 125**	**A03**
	MSD	**1920436-02**	**123.11**	**143.45**	**20.000**	**mg/kg**	**6.1**	**102**	**20**	**75 - 125**	
Cobalt	DUP	1920436-02	16.778	14.136		mg/kg	17.1		20		
	MS	1920436-02	16.778	35.715	20.000	mg/kg		94.7		75 - 125	
	MSD	1920436-02	16.778	36.159	20.000	mg/kg	1.2	96.9	20	75 - 125	
Copper	DUP	**1920436-02**	**679.44**	**71.451**		**mg/kg**	**162**		**20**		**Q01**
	MS	**1920436-02**	**679.44**	**141.21**	**50.000**	**mg/kg**		**-1080**		**75 - 125**	**A03**
	MSD	**1920436-02**	**679.44**	**115.15**	**50.000**	**mg/kg**	**20.3**	**-1130**	**20**	**75 - 125**	**A03,Q02**
Lead	DUP	**1920436-02**	**29.629**	**23.218**		**mg/kg**	**24.3**		**20**		**Q01**
	MS	**1920436-02**	**29.629**	**74.049**	**50.000**	**mg/kg**		**88.8**		**75 - 125**	
	MSD	**1920436-02**	**29.629**	**73.790**	**50.000**	**mg/kg**	**0.4**	**88.3**	**20**	**75 - 125**	
Mercury	DUP	1920436-02	ND	ND		mg/kg			20		
	MS	1920436-02	ND	4.0600	4.0000	mg/kg		102		75 - 125	
	MSD	1920436-02	ND	4.0488	4.0000	mg/kg	0.3	101	20	75 - 125	
Molybdenum	DUP	**1920436-02**	**0.82000**	**0.65500**		**mg/kg**	**22.4**		**20**		**J,A02**
	MS	**1920436-02**	**0.82000**	**15.640**	**20.000**	**mg/kg**		**74.1**		**75 - 125**	**Q03**
	MSD	**1920436-02**	**0.82000**	**16.471**	**20.000**	**mg/kg**	**5.2**	**78.3**	**20**	**75 - 125**	
Nickel	DUP	**1920436-02**	**60.656**	**48.589**		**mg/kg**	**22.1**		**20**		**Q01**
	MS	**1920436-02**	**60.656**	**108.14**	**50.000**	**mg/kg**		**95.0**		**75 - 125**	
	MSD	**1920436-02**	**60.656**	**110.04**	**50.000**	**mg/kg**	**1.7**	**98.8**	**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: 07/01/2019 7:55
Project: Camp Fire
Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 9596
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: B049698	Used client sample: N										
Selenium	DUP	1920436-02	ND	ND		mg/kg			20		
	MS	1920436-02	ND	41.600	50.000	mg/kg		83.2		75 - 125	
	MSD	1920436-02	ND	43.102	50.000	mg/kg	3.5	86.2	20	75 - 125	
Silver	DUP	1920436-02	ND	ND		mg/kg			20		
	MS	1920436-02	ND	19.602	20.000	mg/kg		98.0		75 - 125	
	MSD	1920436-02	ND	20.196	20.000	mg/kg	3.0	101	20	75 - 125	
Thallium	DUP	1920436-02	ND	ND		mg/kg			20		
	MS	1920436-02	ND	18.486	20.000	mg/kg		92.4		75 - 125	
	MSD	1920436-02	ND	19.061	20.000	mg/kg	3.1	95.3	20	75 - 125	
Vanadium	DUP	1920436-02	185.26	153.19		mg/kg	19.0		20		
	MS	1920436-02	185.26	201.19	20.000	mg/kg		79.6		75 - 125	
	MSD	1920436-02	185.26	203.80	20.000	mg/kg	1.3	92.7	20	75 - 125	
Zinc	DUP	**1920436-02**	**181.34**	**162.80**		**mg/kg**	**10.8**		**20**		
	MS	**1920436-02**	**181.34**	**208.73**	**50.000**	**mg/kg**		**54.8**		**75 - 125**	**Q03**
	MSD	**1920436-02**	**181.34**	**193.96**	**50.000**	**mg/kg**	**7.3**	**25.2**	**20**	**75 - 125**	**Q03**

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Tetra Tech EM, Inc 1999 Harrison Street, Suite 500 Subcontract No. 1070183, Release 4 Oakland, CA 94612	**Reported:** 07/01/2019 7:55 Project: Camp Fire Project Number: 053-111-015 (897 ELLIOTT RD PARADISE CA 95969 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 Incident	**Project No.**	103IS620603
Data Reviewer (signature and date)	Holly Poston 11/11/2019	**Laboratory/ Report No.**	BC Laboratories/1920438
Analyses	Metals by SW-846 Method 6020A		
Samples	BFI-053-111-015-A1, BFI-053-111-015-A2, BFI-053-111-015-B1, BFI-053-111-015-B2, BFI-053-111-015-C1, and BFI-053-111-015-D1		

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 or qualification of data was required for this data package. The data can be used as reported by the laboratory.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
N	B049698: barium = 0.10500 mg/kg – no flag (associated results greater than ten times blank value) zinc = 1.3232 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.

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	Laboratory duplicates performed on samples in other data packages were not evaluated.

Field triplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

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DATA VALIDATION CHECKLIST – STAGE 2A

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	4.717x: metals for BFI-053-111-015-D1 4.762x: metals for BFI-053-111-015-C1 4.902x: metals for BFI-053-111-015-A1 and BFI-053-111-015-B1 4.950x: metals for BFI-053-111-015-B2 5x: metals for BFI-053-111-015-A2

Analyte quantitation and MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Results between the MDL and RL – flagged "J" by laboratory

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. 1920438

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-015-A1	Antimony	2.5	U	0.4	2.5	mg/kg	2.5	U
BFI-053-111-015-A1	Arsenic	3.4	A07	0.85	2.5	mg/kg	3.4	
BFI-053-111-015-A1	Barium	230	A07	0.27	1.2	mg/kg	230	
BFI-053-111-015-A1	Beryllium	0.58	J,A07	0.2	1.2	mg/kg	0.58	J
BFI-053-111-015-A1	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-111-015-A1	Chromium	110	A07	1.2	3.8	mg/kg	110	
BFI-053-111-015-A1	Cobalt	24	A07	0.24	1.2	mg/kg	24	
BFI-053-111-015-A1	Copper	57	A07	0.5	2.5	mg/kg	57	
BFI-053-111-015-A1	Lead	9.5	A07	0.6	1.2	mg/kg	9.5	
BFI-053-111-015-A1	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-111-015-A1	Molybdenum	0.41	J,A07	0.22	1.2	mg/kg	0.41	J
BFI-053-111-015-A1	Nickel	67	A07	0.55	2.5	mg/kg	67	
BFI-053-111-015-A1	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-111-015-A1	Silver	1.2	U	0.26	1.2	mg/kg	1.2	U
BFI-053-111-015-A1	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-111-015-A1	Vanadium	210	A07	1.4	3.8	mg/kg	210	
BFI-053-111-015-A1	Zinc	92	A07	2.5	12	mg/kg	92	
BFI-053-111-015-A2	Antimony	2.5	U	0.4	2.5	mg/kg	2.5	U
BFI-053-111-015-A2	Arsenic	3.7	A07	0.85	2.5	mg/kg	3.7	
BFI-053-111-015-A2	Barium	190	A07	0.27	1.2	mg/kg	190	
BFI-053-111-015-A2	Beryllium	0.61	J,A07	0.2	1.2	mg/kg	0.61	J
BFI-053-111-015-A2	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-111-015-A2	Chromium	100	A07	1.2	3.8	mg/kg	100	
BFI-053-111-015-A2	Cobalt	20	A07	0.24	1.2	mg/kg	20	
BFI-053-111-015-A2	Copper	55	A07	0.5	2.5	mg/kg	55	
BFI-053-111-015-A2	Lead	9	A07	0.6	1.2	mg/kg	9	
BFI-053-111-015-A2	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-111-015-A2	Molybdenum	0.41	J,A07	0.22	1.2	mg/kg	0.41	J
BFI-053-111-015-A2	Nickel	58	A07	0.55	2.5	mg/kg	58	
BFI-053-111-015-A2	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-111-015-A2	Silver	1.2	U	0.26	1.2	mg/kg	1.2	U
BFI-053-111-015-A2	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-111-015-A2	Vanadium	200	A07	1.4	3.8	mg/kg	200	
BFI-053-111-015-A2	Zinc	44	A07	2.5	12	mg/kg	44	
BFI-053-111-015-B1	Antimony	2.5	U	0.4	2.5	mg/kg	2.5	U
BFI-053-111-015-B1	Arsenic	4.5	A07	0.85	2.5	mg/kg	4.5	
BFI-053-111-015-B1	Barium	220	A07	0.27	1.2	mg/kg	220	
BFI-053-111-015-B1	Beryllium	0.59	J,A07	0.2	1.2	mg/kg	0.59	J
BFI-053-111-015-B1	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-111-015-B1	Chromium	130	A07	1.2	3.8	mg/kg	130	
BFI-053-111-015-B1	Cobalt	21	A07	0.24	1.2	mg/kg	21	
BFI-053-111-015-B1	Copper	73	A07	0.5	2.5	mg/kg	73	
BFI-053-111-015-B1	Lead	39	A07	0.6	1.2	mg/kg	39	
BFI-053-111-015-B1	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-111-015-B1	Molybdenum	0.59	J,A07	0.22	1.2	mg/kg	0.59	J

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-015-B1	Nickel	67	A07	0.55	2.5	mg/kg	67	
BFI-053-111-015-B1	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-111-015-B1	Silver	1.2	U	0.26	1.2	mg/kg	1.2	U
BFI-053-111-015-B1	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-111-015-B1	Vanadium	220	A07	1.4	3.8	mg/kg	220	
BFI-053-111-015-B1	Zinc	130	A07	2.5	12	mg/kg	130	
BFI-053-111-015-B2	Antimony	2.5	U	0.4	2.5	mg/kg	2.5	U
BFI-053-111-015-B2	Arsenic	4.7	A07	0.85	2.5	mg/kg	4.7	
BFI-053-111-015-B2	Barium	200	A07	0.27	1.2	mg/kg	200	
BFI-053-111-015-B2	Beryllium	0.9	J,A07	0.2	1.2	mg/kg	0.9	J
BFI-053-111-015-B2	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-111-015-B2	Chromium	150	A07	1.2	3.8	mg/kg	150	
BFI-053-111-015-B2	Cobalt	27	A07	0.24	1.2	mg/kg	27	
BFI-053-111-015-B2	Copper	83	A07	0.5	2.5	mg/kg	83	
BFI-053-111-015-B2	Lead	51	A07	0.6	1.2	mg/kg	51	
BFI-053-111-015-B2	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-111-015-B2	Molybdenum	0.65	J,A07	0.22	1.2	mg/kg	0.65	J
BFI-053-111-015-B2	Nickel	78	A07	0.55	2.5	mg/kg	78	
BFI-053-111-015-B2	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-111-015-B2	Silver	1.2	U	0.26	1.2	mg/kg	1.2	U
BFI-053-111-015-B2	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-111-015-B2	Vanadium	230	A07	1.4	3.8	mg/kg	230	
BFI-053-111-015-B2	Zinc	130	A07	2.5	12	mg/kg	130	
BFI-053-111-015-C1	Antimony	0.45	J,A07	0.4	2.5	mg/kg	0.45	J
BFI-053-111-015-C1	Arsenic	4.2	A07	0.85	2.5	mg/kg	4.2	
BFI-053-111-015-C1	Barium	170	A07	0.27	1.2	mg/kg	170	
BFI-053-111-015-C1	Beryllium	0.61	J,A07	0.2	1.2	mg/kg	0.61	J
BFI-053-111-015-C1	Cadmium	0.62	U	0.24	0.62	mg/kg	0.62	U
BFI-053-111-015-C1	Chromium	130	A07	1.2	3.8	mg/kg	130	
BFI-053-111-015-C1	Cobalt	25	A07	0.24	1.2	mg/kg	25	
BFI-053-111-015-C1	Copper	63	A07	0.5	2.5	mg/kg	63	
BFI-053-111-015-C1	Lead	31	A07	0.6	1.2	mg/kg	31	
BFI-053-111-015-C1	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-111-015-C1	Molybdenum	0.57	J,A07	0.22	1.2	mg/kg	0.57	J
BFI-053-111-015-C1	Nickel	74	A07	0.55	2.5	mg/kg	74	
BFI-053-111-015-C1	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-111-015-C1	Silver	1.2	U	0.26	1.2	mg/kg	1.2	U
BFI-053-111-015-C1	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-111-015-C1	Vanadium	210	A07	1.4	3.8	mg/kg	210	
BFI-053-111-015-C1	Zinc	120	A07	2.5	12	mg/kg	120	
BFI-053-111-015-D1	Antimony	0.63	J,A07	0.4	2.5	mg/kg	0.63	J
BFI-053-111-015-D1	Arsenic	4.6	A07	0.85	2.5	mg/kg	4.6	
BFI-053-111-015-D1	Barium	190	A07	0.27	1.2	mg/kg	190	
BFI-053-111-015-D1	Beryllium	0.86	J,A07	0.2	1.2	mg/kg	0.86	J
BFI-053-111-015-D1	Cadmium	0.43	J,A07	0.24	0.62	mg/kg	0.43	J

CAMP FIRE INCIDENT
BC LABORATORIES REPORT NO. 1920438

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-015-D1	Chromium	130	A07	1.2	3.8	mg/kg	130	
BFI-053-111-015-D1	Cobalt	27	A07	0.24	1.2	mg/kg	27	
BFI-053-111-015-D1	Copper	73	A07	0.5	2.5	mg/kg	73	
BFI-053-111-015-D1	Lead	47	A07	0.6	1.2	mg/kg	47	
BFI-053-111-015-D1	Mercury	0.25	U	0.1	0.25	mg/kg	0.25	U
BFI-053-111-015-D1	Molybdenum	1	J,A07	0.22	1.2	mg/kg	1	J
BFI-053-111-015-D1	Nickel	75	A07	0.55	2.5	mg/kg	75	
BFI-053-111-015-D1	Selenium	2.5	U	0.55	2.5	mg/kg	2.5	U
BFI-053-111-015-D1	Silver	1.2	U	0.26	1.2	mg/kg	1.2	U
BFI-053-111-015-D1	Thallium	1.2	U	0.24	1.2	mg/kg	1.2	U
BFI-053-111-015-D1	Vanadium	180	A07	1.4	3.8	mg/kg	180	
BFI-053-111-015-D1	Zinc	150	A07	2.5	12	mg/kg	150	

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	053-111-015
Address	897 ELLIOTT RD
Background Set	TVP Area
Structures Sampled	A: 800 sf B: 400 sf C: 100 sf D: 100 sf
Samples Collected	A1, A2, B1, B2, C1, D1
Dates Collected	06/21/19
Analytical Laboratory	BC Laboratories

Conclusions: Approved. All cleanup goals achieved.

Date Approved: July 8, 2019

Observations: _____

REGISTERED PROFESSIONAL ENGINEER
TODD THALHAMER
No. C055197
6/30/20
CIVIL
STATE OF CALIFORNIA

Todd Thalhamer
CalRecycle, Operations Section Chief

Diane Lamkin, PG #6775
CalOES, Planning Section Chief

Camp Fire Incident

Property Report | Butte County, California

Erosion Control Worksheet

TIMOTHY CHRISTOFF E 274377

Guillermo Hernande20173616

CAMP FIRE INCIDENT EROSION CONTROL WORKSHEET Date: 7-24-19

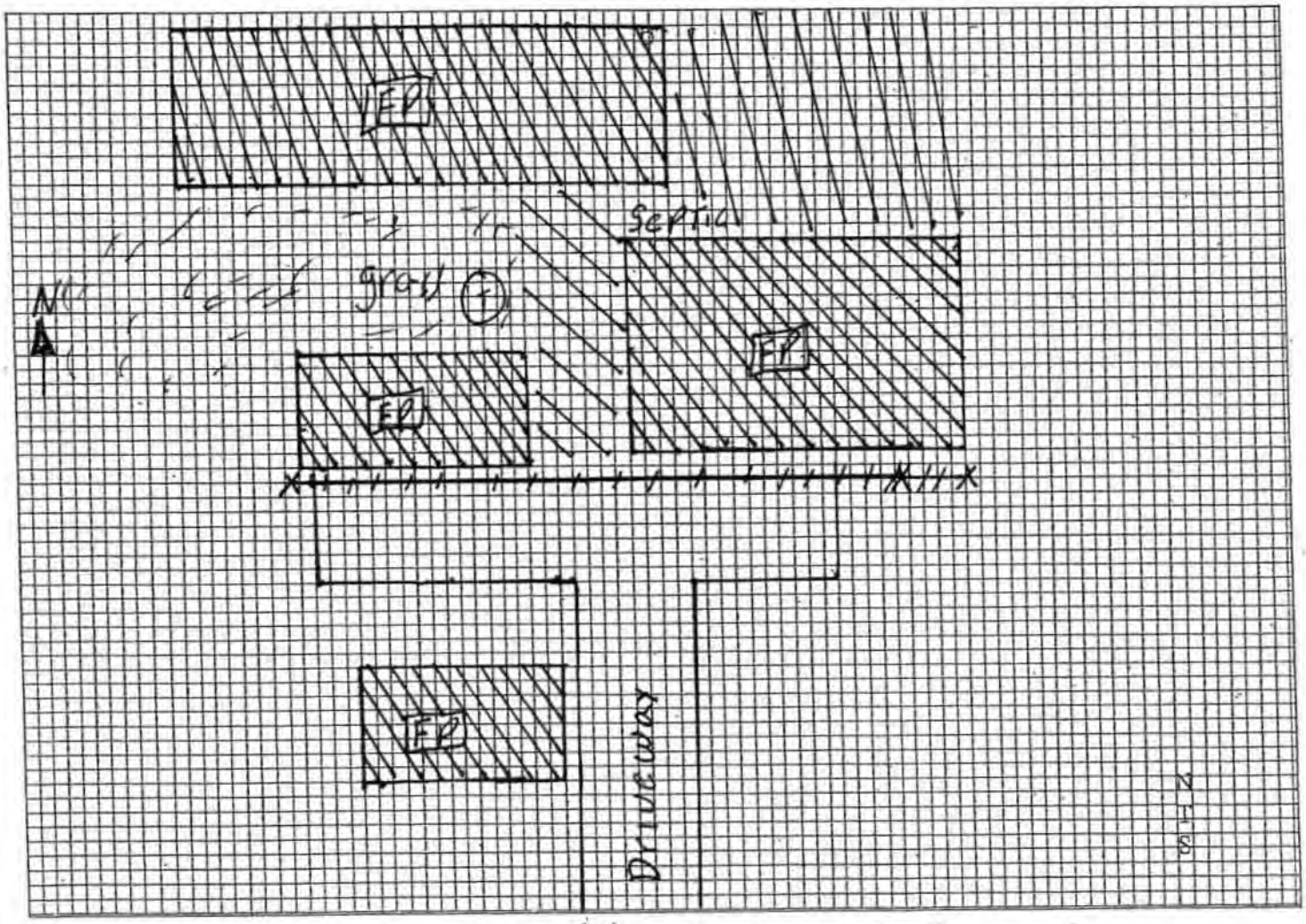
SITE ADDRESS: 897 ELLIOTT Road APN 053-111-015

Level of Erosion Control per Erosion Control Work Group: Level 2 (3, 4)

Observations:

SILT SOXX 80LF

HYDROMULCH SQFT 9897



ELLIOTT Road FP - FOOTPRINT

XXXXX - SILT SOXX

T - Tree

CalRecycle, Operations Chief

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: 897 ELLIOTT RD PARADISE CA 95969 APN: 053-111-015

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: 7/25/2019

Debris Removal Project Approved Observations:

1. The asphalt driveway appears to be undamaged.
2. There are no visible septic systems.
3. There is a small concrete retaining wall that appears to be undamaged.
4. There is a pressure tank for a well that appears to be undamaged.
5. Lot appears free of debris. All cleanup goals achieved.

Anthony Ortiz

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

MARJAMA FAMILY PARTNERS LP

6013 MORGAN PL

LOOMIS, CA 95650

CAMP FIRE PRIVATE HAZARD TREE REMOVAL PROGRAM

Inspection Complete

ADDRESS: 901 ELLIOTT RD, PARADISE, CA 95969

APN: 053-111-014

CASE #: TRDR19-04791

Date: 7/20/2020

Thank you for participating in the Private Hazard Tree Removal Program Inspection administered by Butte County and/or the Town of Paradise. The inspection has verified that your property is clear of Hazard Trees as defined in section 53-82 of the Butte County Code or Town of Paradise Ordinance 595.

Sincerely,

Butte County Hazard Tree Removal Program

CAMP FIRE ALTERNATIVE FIRE DEBRIS REMOVAL PROGRAM

COMPLETION OF PROPERTY CLEANUP

ADDRESS: 931 ELLIOTT RD, PARADISE, CA 95969

APN: 053-111-028

CASE #: EHDR19-06375

Butte County Department of Public Health, Environmental Health Division has reviewed the Alternative Fire Debris Removal Program Cleanup Completion Certification for your property and has determined that fire related ash and debris were removed consistent with your approved work plan. In addition, based on collected soil samples taken following debris removal, the property has met the cleanup standards, which either meets health screening criteria, or in the alternative, is consistent with native background conditions for the area in which your structure was located.

You may now initiate rebuilding efforts on your property. The appropriate town or county building department will be notified of this clearance so they may issue building permits.

To protect your property and the environment, erosion control Best Management Practices (BMPs) should remain or be in place on your property upon completion of debris removal. BMPs are protective measures that stabilize disturbed areas to minimize erosion, prevent site runoff pollution, and protect our water resources. In accordance with state and local laws and regulations, please ensure you replace and/or improve these erosion control measures to prevent water quality pollution over the rainy season.

Environmental Health Representative:

Name: Elizabeth Tyson

Signature: Elizabeth Tyson Date: 01-10-2020

DocuSign Envelope ID: 831192D7-B182-4AAD-9C6B-7B7A12BB8FD0

Butte County Environmental Health Division
202 Mira Loma Drive, Oroville, California 95965
Phone: (530) 552-3880
Email: alternativeprogram@buttecounty.net

Appendix F

ALTERNATIVE FIRE DEBRIS REMOVAL PROGRAM CLEANUP COMPLETION CERTIFICATION

What is the purpose of this form? The purpose of this form is to certify that your parcel has been properly cleaned and the removal of hazardous wastes, ash, and debris has been completed. This form will be used to certify property owner or contractor cleanup completion so that building permits can be approved.

Who needs to complete this form? Property owners who elect *not* to participate in the Government (CalOES) Program and choose to clean up their property with a qualified contractor and consultants in the Alternative Program.

Property Owner Name: Marjama Family Partners Year Structure Built: 1977

Property Address: 931 Elliott Rd Town/City: Paradise

Assessor's Parcel Number: 053-111-028 Email: jsrickards@aol.com

Mailing Address: 6013 Morgan Place

Mailing City: Loomis State: CA ZIP: 95650

A. Program Participation

☒ Yes, I completed the "Alternative Fire Debris Removal Program Application"

B. Household Hazardous Waste and Asbestos Screening and Disposal

1. **Household Hazardous Waste Removal**

Description of wastes found onsite:

One residential structure and detached garage

Provide disposal receipt documentation for all household hazardous waste identified and removed for proper disposal.

VESTRA

5300 Aviation Drive | Redding, CA 96002
Phone 530.223.2585 | Fax 530.223.1145
info@vestra.com | www.vestra.com

GIS, Environmental, & Engineering Services

January 2, 2020

71906

Butte County Public Health Department
202 Mira Loma Drive
Oroville, CA 95965

Via Email
alternativeprogram@buttecounty.net

RE: Alternative Fire Debris Removal Program Cleanup Completion Certification
931 Elliot Rd., Paradise (Marjama Family Partners Residence)

To Whom It May Concern:

Enclosed is the completed Alternative Fire Debris Removal Program Cleanup Completion Certification form (Appendix F) for the Marjama Family Partners residence located at 931 Elliott Road, Paradise. Based on CalRecycle maps, the residence is located within the Tvp geologic unit. In addition to the Completion Certification form, the following attachments are included:

Attachment A	Sample Locations
Attachment B	Daily Field Logs
Attachment C	Soil Sample Results
Attachment D	Asbestos Results
Attachment E	Debris Removal Receipts
Attachment F	Completion Photographs

Soil analyses for all analytes in the residence footprint were referenced against the CalRecycle Cleanup Goals for the Tvp geologic unit, and all of the residence sample results are less than the corresponding Cleanup Goals. Based on these results, we conclude that the residual soil metal concentrations are protective of human health and additional soil removal is unnecessary.

The CAM 17 analytical results are summarized in Table 1.

Please contact me with questions at 530-223-2585.

Sincerely,

VESTRA Resources, Inc.

Scott McArthur
Regulatory Compliance Specialist

REGISTERED GEOLOGIST
JOHN ANDREWS
No. 4269
STATE OF CALIFORNIA

John Andrews
P.G. No. 4269

Attachments

Appendix F

Name: Roethler General Engineering License Number: CA1016149

Address: P.O. Box 828 Phone: (530) 809-6946

City/State/Zip: Paradise/CA/95967

2. The inert waste from my property was disposed at the following facility(s):

Facility Name: Neal Road Aggregate Recycling Facility

Date(s) of Delivery: 12/4/19

Date of Completion: 12/4/19

(Attach disposal facility documentation)

F. Cleanup Confirmation Sampling Results

1. Consultant Name: John Andrews Vestra Resources Inc License Number: 4269

Please attach a copy of the consultant's report containing the sampling locations, test results, analysis and conclusions.

G. Property Owner Certification and Indemnification

I hereby certify that all identifiable asbestos, household hazardous waste, burn ash and contaminated soil that may have been generated by the 2018 Camp Fire on my property and identified in this document have been identified, removed and properly disposed of or recycled. I understand that since cleanup of the property was performed under my direction, the County of Butte cannot certify that cleanup was adequate until I submit proof of cleanup and soil testing.

I agree to accept all responsibility for loss or damage to any person or entity, including the County of Butte and to defend and indemnify, hold harmless, and release County of Butte and Town of Paradise, its elected representatives, officers, agents, and employees, from and against any actions, claims, damages, demands, losses, liabilities, disabilities or expenses, defense costs (including reasonable attorney fees), of any kind or nature, that may be asserted by any person or entity with respect to the removal of debris and any hazardous material from the above-mentioned real estate property.

Property Owner Signature: DocuSigned by: Mayama Family Partners 847E710BCB194EB... Date: 12/20/2019

Contractor Signature: Date: 12/23/2019

County Receipt: Elizabeth Tipon Date: 01-10-2020

Appendix F

2. **Asbestos Waste Screening**
   Contractor Name: Roethler General Engineering License Number: 1016149

   Determination based on inspection:
   No asbestos containing material present

   Attach sample results, if applicable.

   Consultant Name: Regas Group Certification Number: 13-5082

   Telephone: (916) 235-3110

   If Asbestos was present, attach asbestos waste disposal receipts.

C. Ash, Debris and Soil Disposal

1. The ash, debris and soil was removed and disposed of by:
   ☒ Licensed Contractor ☐ Hauler Contractor

   Name: Roethler General Engineering Phone: (530) 809-6496

   Address: P.O. Box 828 City: Paradise

   License Number: CA1016149 License Type: A-General Engineering

   Date of Completion: 12/4/19 (Attach disposal documentation)

D. Metal Recycling

1. The ash, debris and soil was removed and disposed of by:
   ☒ Licensed Contractor ☐ Hauler Contractor

   Name: Roethler General Engineering License Number: CA1016149

   Address: P.O. Box 828 Phone: (530) 809-6946

   City/State/Zip: Paradise/CA/95967

2. The waste metal from my property was taken for recycling to the following facility(s):
   Chico Scrap Metal

E. Inert Waste (Concrete and Masonry) Disposal

1. The inert waste was removed and disposed of by:
   ☒ Licensed contractor ☐ Hauler/Myself

   If you checked "Hauler/Myself" go to Part E2 below. If you checked "Licensed Contractor," please provide the following information and Part E2:

LEGEND/EROSION CONTROL NOTES:

Burn debris footprint
(see photographs attached)

Area of demolition
Winterize pad with gravel or one of the following:
- Hydraulic/straw mulch
- Hydroseeding
- Soil binders
- Wood mulching

If hardscape/flatwork outside of the building pad itself is to remain then no erosion control required on those areas. If hardscape/flatwork is removed then implement the above BMPs.

Install fiber rolls/silt fence around edge of disturbed area

STRUCTURES:
A - Residence - 2,645 sq. ft.

SEPTIC/SEWER:

Approximate location of septic tank

Approximate location of leach lines

PROPERTY SPECIFIC HAZARDS:
(Pool, large vehicles, solar, etc.)
Vehicle

WELL:
No Well

TRAFFIC CONTROL:
None required

FOUNDATION:
A - Concrete Slab/Stem Wall

STAGING AREA NOTE:
The staging area for the site will be onsite at the pad.

No heavy equipment shall be staged on the street.

Only trucks may be parked on the street.

VICINITY MAP

SOIL SAMPLES:

Discrete Soil Sample Locations Used to Form Five Point Composite Confirmation Soil Sample from the Ash Quadrant within each Decision Unit

NOTE:
Confirmation sample locations to be located within ash footprint of destroyed structures

FIGURE 1
SITE PLAN/
CONFIRMATION SAMPLE LOCATIONS
931 ELLIOT ROAD
PARADISE, CALIFORNIA

P:\GIS\71906\931 Elliot Road\931 Elliot Road_C_Site Plan.mxd

DAILY FIELD ACTIVITIES RECORD

PROJECT Camp fire, DOBRICH	PROJECT NO. 71906
LOCATION 931 Elliott	DATE 12/11/14
WEATHER Cloudy 50°	SUPERVISOR SGM
PURPOSE OF EVENT Soil Sampling	AUTHOR (Print & Sign) SJP, [signature]
OTHERS IN ATTENDANCE/ AGENCY/ COMPANY	

1140	Arrive onsite
1145	Took Photos
1150	designate units
1200	Sampled Du-1
05	2
10	3
15	4
20	5
1225	Cleaned equipment
1230	left site

ADDITIONAL FORMS ATTACHED

- ☐ SURFACE WATER MONITORING RECORD
- ☐ GROUNDWATER MONITORING RECORD
- ☐ TRENCH LOG
- ☐ PERCOLATION TEST DATA
- ☐ SOIL BORING/ MONITORING WELL LOG
- ☐ STANDARD OBSERVATIONS FORM

VESTRA

Table 1

Camp Fire Debris Removal Program

Soil Analytical Summary (mg/kg)

931 Elliott, Marjama Family Partners Residence

Analyte	DU-1	DU-2	DU-3	DU-4	DU-5	Tvp Cleanup Goals	Health Screening Level
Antimony	<0.25	0.37	0.35	0.31	0.51	31	30
Arsenic	2.1	3.1	3.8	3	2.7	7.7	0.07
Barium	110	140	120	120	130	9,999	5,200
Beryllium	<0.25	0.34	0.47	0.34	<0.25	15	15
Cadmium	<0.25	<0.23	<0.25	<0.25	<0.25	5.2	1.70
Chromium	82	110	120	95	79	2,499	36,000
Cobalt	1.8	8.1	11	8.7	4.1	36	23
Copper	36	36	39	33	38	2,499	3,000
Lead	6.1	8.8	8.6	9	12	80	80
Mercury	<0.10	<0.10	<0.10	<0.10	<0.10	1.0	5.10
Molybdenum	0.57	0.87	0.89	0.9	0.79	390	380
Nickel	24	26	29	24	19	490	490
Selenium	<1.2	<1.1	<1.2	<1.2	<1.2	100	380
Silver	<0.25	<0.23	<0.25	<0.25	<0.25	390	380
Thallium	<0.25	<0.23	<0.25	<0.25	<0.25	5.0	5
Vanadium	140	160	170	150	150	390	390
Zinc	11	20	23	23	40	4,999	23,000

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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18 December 2019

Scott McArthur
Vestra Resources, Inc.
5300 Aviation Dr
Redding, CA 96002
RE: Camp Fire, 931 Elliott

Enclosed are the results of analyses for samples received by the laboratory on 12/13/19 11:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Lee
Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	Reported:
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Du-1	T194268-01	Soil	12/11/19 12:00	12/13/19 11:00
Du-2	T194268-02	Soil	12/11/19 12:05	12/13/19 11:00
Du-3	T194268-03	Soil	12/11/19 12:10	12/13/19 11:00
Du-4	T194268-04	Soil	12/11/19 12:15	12/13/19 11:00
Du-5	T194268-05	Soil	12/11/19 12:20	12/13/19 11:00

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	**Reported:**
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

DETECTIONS SUMMARY

Sample ID: Du-1 **Laboratory ID:** T194268-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**2.1**	0.25	mg/kg	6020 ICP-MS	
Barium	**110**	0.25	mg/kg	6020 ICP-MS	
Chromium	**82**	0.25	mg/kg	6020 ICP-MS	
Cobalt	**1.8**	0.25	mg/kg	6020 ICP-MS	
Copper	**36**	0.25	mg/kg	6020 ICP-MS	
Lead	**6.1**	0.25	mg/kg	6020 ICP-MS	
Molybdenum	**0.57**	0.25	mg/kg	6020 ICP-MS	
Nickel	**24**	0.25	mg/kg	6020 ICP-MS	
Vanadium	**140**	0.25	mg/kg	6020 ICP-MS	
Zinc	**11**	0.25	mg/kg	6020 ICP-MS	

Sample ID: Du-2 **Laboratory ID:** T194268-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.37**	0.23	mg/kg	6020 ICP-MS	
Arsenic	**3.1**	0.23	mg/kg	6020 ICP-MS	
Barium	**140**	0.23	mg/kg	6020 ICP-MS	
Beryllium	**0.34**	0.23	mg/kg	6020 ICP-MS	
Chromium	**110**	0.23	mg/kg	6020 ICP-MS	
Cobalt	**8.1**	0.23	mg/kg	6020 ICP-MS	
Copper	**36**	0.23	mg/kg	6020 ICP-MS	
Lead	**8.8**	0.23	mg/kg	6020 ICP-MS	
Molybdenum	**0.87**	0.23	mg/kg	6020 ICP-MS	
Nickel	**26**	0.23	mg/kg	6020 ICP-MS	
Vanadium	**160**	0.23	mg/kg	6020 ICP-MS	
Zinc	**20**	0.23	mg/kg	6020 ICP-MS	

Sample ID: Du-3 **Laboratory ID:** T194268-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.35**	0.25	mg/kg	6020 ICP-MS	

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	Reported:
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Sample ID: Du-3 **Laboratory ID:** T194268-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**3.8**	0.25	mg/kg	6020 ICP-MS	
Barium	**120**	0.25	mg/kg	6020 ICP-MS	
Beryllium	**0.47**	0.25	mg/kg	6020 ICP-MS	
Chromium	**120**	0.25	mg/kg	6020 ICP-MS	
Cobalt	**11**	0.25	mg/kg	6020 ICP-MS	
Copper	**39**	0.25	mg/kg	6020 ICP-MS	
Lead	**8.6**	0.25	mg/kg	6020 ICP-MS	
Molybdenum	**0.89**	0.25	mg/kg	6020 ICP-MS	
Nickel	**29**	0.25	mg/kg	6020 ICP-MS	
Vanadium	**170**	0.25	mg/kg	6020 ICP-MS	
Zinc	**23**	0.25	mg/kg	6020 ICP-MS	

Sample ID: Du-4 **Laboratory ID:** T194268-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.31**	0.25	mg/kg	6020 ICP-MS	
Arsenic	**3.0**	0.25	mg/kg	6020 ICP-MS	
Barium	**120**	0.25	mg/kg	6020 ICP-MS	
Beryllium	**0.34**	0.25	mg/kg	6020 ICP-MS	
Chromium	**95**	0.25	mg/kg	6020 ICP-MS	
Cobalt	**8.7**	0.25	mg/kg	6020 ICP-MS	
Copper	**33**	0.25	mg/kg	6020 ICP-MS	
Lead	**9.0**	0.25	mg/kg	6020 ICP-MS	
Molybdenum	**0.90**	0.25	mg/kg	6020 ICP-MS	
Nickel	**24**	0.25	mg/kg	6020 ICP-MS	
Vanadium	**150**	0.25	mg/kg	6020 ICP-MS	
Zinc	**23**	0.25	mg/kg	6020 ICP-MS	

Sample ID: Du-5 **Laboratory ID:** T194268-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.51**	0.25	mg/kg	6020 ICP-MS	
Arsenic	**2.7**	0.25	mg/kg	6020 ICP-MS	
Barium	**130**	0.25	mg/kg	6020 ICP-MS	
Chromium	**79**	0.25	mg/kg	6020 ICP-MS	

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	**Reported:**
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Sample ID: Du-5 **Laboratory ID:** T194268-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Cobalt	**4.1**	0.25	mg/kg	6020 ICP-MS	
Copper	**38**	0.25	mg/kg	6020 ICP-MS	
Lead	**12**	0.25	mg/kg	6020 ICP-MS	
Molybdenum	**0.79**	0.25	mg/kg	6020 ICP-MS	
Nickel	**19**	0.25	mg/kg	6020 ICP-MS	
Vanadium	**150**	0.25	mg/kg	6020 ICP-MS	
Zinc	**40**	0.25	mg/kg	6020 ICP-MS	

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	**Reported:**
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Du-1

T194268-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Antimony	ND	0.25	mg/kg	1	9121322	12/13/19	12/17/19	6020 ICP-MS	
Arsenic	**2.1**	0.25	"	"	"	"	"	"	
Barium	**110**	0.25	"	"	"	"	"	"	
Beryllium	ND	0.25	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	**82**	0.25	"	"	"	"	"	"	
Cobalt	**1.8**	0.25	"	"	"	"	"	"	
Copper	**36**	0.25	"	"	"	"	"	"	
Lead	**6.1**	0.25	"	"	"	"	"	"	
Molybdenum	**0.57**	0.25	"	"	"	"	"	"	
Nickel	**24**	0.25	"	"	"	"	"	"	
Selenium	ND	1.2	"	"	"	"	"	"	
Silver	ND	0.25	"	"	"	"	"	"	
Thallium	ND	0.25	"	"	"	"	"	"	
Vanadium	**140**	0.25	"	"	"	"	"	"	
Zinc	**11**	0.25	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	9121323	12/13/19	12/16/19	EPA 7471A Soil	

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5300 Aviation Dr	Project Number: 71906	Reported:
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Du-2

T194268-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Antimony	**0.37**	0.23	mg/kg	1	9121322	12/13/19	12/17/19	6020 ICP-MS	
Arsenic	**3.1**	0.23	"	"	"	"	"	"	
Barium	**140**	0.23	"	"	"	"	"	"	
Beryllium	**0.34**	0.23	"	"	"	"	"	"	
Cadmium	ND	0.23	"	"	"	"	"	"	
Chromium	**110**	0.23	"	"	"	"	"	"	
Cobalt	**8.1**	0.23	"	"	"	"	"	"	
Copper	**36**	0.23	"	"	"	"	"	"	
Lead	**8.8**	0.23	"	"	"	"	"	"	
Molybdenum	**0.87**	0.23	"	"	"	"	"	"	
Nickel	**26**	0.23	"	"	"	"	"	"	
Selenium	ND	1.1	"	"	"	"	"	"	
Silver	ND	0.23	"	"	"	"	"	"	
Thallium	ND	0.23	"	"	"	"	"	"	
Vanadium	**160**	0.23	"	"	"	"	"	"	
Zinc	**20**	0.23	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	9121323	12/13/19	12/16/19	EPA 7471A Soil	

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	Reported:
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Du-3

T194268-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Antimony	**0.35**	0.25	mg/kg	1	9121322	12/13/19	12/17/19	6020 ICP-MS	
Arsenic	**3.8**	0.25	"	"	"	"	"	"	
Barium	**120**	0.25	"	"	"	"	"	"	
Beryllium	**0.47**	0.25	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	**120**	0.25	"	"	"	"	"	"	
Cobalt	**11**	0.25	"	"	"	"	"	"	
Copper	**39**	0.25	"	"	"	"	"	"	
Lead	**8.6**	0.25	"	"	"	"	"	"	
Molybdenum	**0.89**	0.25	"	"	"	"	"	"	
Nickel	**29**	0.25	"	"	"	"	"	"	
Selenium	ND	1.2	"	"	"	"	"	"	
Silver	ND	0.25	"	"	"	"	"	"	
Thallium	ND	0.25	"	"	"	"	"	"	
Vanadium	**170**	0.25	"	"	"	"	"	"	
Zinc	**23**	0.25	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	9121323	12/13/19	12/16/19	EPA 7471A Soil	

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	Reported:
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Du-4

T194268-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar Laboratories, Inc.						
Metals by EPA 6020 Method									
Antimony	**0.31**	0.25	mg/kg	1	9121322	12/13/19	12/17/19	6020 ICP-MS	
Arsenic	**3.0**	0.25	"	"	"	"	"	"	
Barium	**120**	0.25	"	"	"	"	"	"	
Beryllium	**0.34**	0.25	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	**95**	0.25	"	"	"	"	"	"	
Cobalt	**8.7**	0.25	"	"	"	"	"	"	
Copper	**33**	0.25	"	"	"	"	"	"	
Lead	**9.0**	0.25	"	"	"	"	"	"	
Molybdenum	**0.90**	0.25	"	"	"	"	"	"	
Nickel	**24**	0.25	"	"	"	"	"	"	
Selenium	ND	1.2	"	"	"	"	"	"	
Silver	ND	0.25	"	"	"	"	"	"	
Thallium	ND	0.25	"	"	"	"	"	"	
Vanadium	**150**	0.25	"	"	"	"	"	"	
Zinc	**23**	0.25	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	9121323	12/13/19	12/16/19	EPA 7471A Soil	

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	**Reported:**
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Du-5

T194268-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Antimony	**0.51**	0.25	mg/kg	1	9121322	12/13/19	12/17/19	6020 ICP-MS	
Arsenic	**2.7**	0.25	"	"	"	"	"	"	
Barium	**130**	0.25	"	"	"	"	"	"	
Beryllium	ND	0.25	"	"	"	"	"	"	
Cadmium	ND	0.25	"	"	"	"	"	"	
Chromium	**79**	0.25	"	"	"	"	"	"	
Cobalt	**4.1**	0.25	"	"	"	"	"	"	
Copper	**38**	0.25	"	"	"	"	"	"	
Lead	**12**	0.25	"	"	"	"	"	"	
Molybdenum	**0.79**	0.25	"	"	"	"	"	"	
Nickel	**19**	0.25	"	"	"	"	"	"	
Selenium	ND	1.2	"	"	"	"	"	"	
Silver	ND	0.25	"	"	"	"	"	"	
Thallium	ND	0.25	"	"	"	"	"	"	
Vanadium	**150**	0.25	"	"	"	"	"	"	
Zinc	**40**	0.25	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	9121323	12/13/19	12/16/19	EPA 7471A Soil	

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	**Reported:**
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9121322 - EPA 3050B										
Blank (9121322-BLK1)				Prepared: 12/13/19 Analyzed: 12/17/19						
Antimony	ND	0.25	mg/kg							
Arsenic	ND	0.25	"							
Barium	ND	0.25	"							
Beryllium	ND	0.25	"							
Cadmium	ND	0.25	"							
Chromium	ND	0.25	"							
Cobalt	ND	0.25	"							
Copper	ND	0.25	"							
Lead	ND	0.25	"							
Mercury	ND	0.20	"							
Molybdenum	ND	0.25	"							
Nickel	ND	0.25	"							
Selenium	ND	1.2	"							
Silver	ND	0.25	"							
Thallium	ND	0.25	"							
Vanadium	ND	0.25	"							
Zinc	ND	0.25	"							
LCS (9121322-BS1)				Prepared: 12/13/19 Analyzed: 12/17/19						
Arsenic	23.5	0.25	mg/kg	25.0		94.0	80-120			
Barium	25.5	0.25	"	25.0		102	80-120			
Cadmium	25.0	0.25	"	25.0		99.9	80-120			
Chromium	24.2	0.25	"	25.0		96.9	80-120			
Lead	25.1	0.25	"	25.0		100	80-120			
Matrix Spike (9121322-MS1)	**Source: T194262-01**			Prepared: 12/13/19 Analyzed: 12/17/19						
Arsenic	21.4	0.25	mg/kg	23.4	2.60	80.6	75-125			
Barium	186	0.25	"	23.4	133	224	75-125			QM-05
Cadmium	23.0	0.25	"	23.4	ND	98.3	75-125			
Chromium	106	0.25	"	23.4	99.0	27.7	75-125			QM-05
Lead	32.7	0.25	"	23.4	11.0	93.1	75-125			

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	**Reported:**
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9121322 - EPA 3050B										
Matrix Spike Dup (9121322-MSD1)		**Source: T194262-01**		Prepared: 12/13/19 Analyzed: 12/17/19						
Arsenic	19.9	0.25	mg/kg	24.5	2.60	70.5	75-125	7.54	20	QM-05
Barium	187	0.25	"	24.5	133	220	75-125	0.784	20	QM-05
Cadmium	23.0	0.25	"	24.5	ND	93.8	75-125	0.163	20	
Chromium	104	0.25	"	24.5	99.0	19.8	75-125	1.56	20	QM-05
Lead	32.6	0.25	"	24.5	11.0	88.4	75-125	0.314	20	
Post Spike (9121322-PS1)				Prepared: 12/13/19 Analyzed: 12/17/19						
Arsenic	25.6		mg/kg	25.0		102	80-120			QM-05
Barium	172		"	25.0		688	80-120			QM-05
Chromium	111		"	25.0		442	80-120			QM-05

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Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	**Reported:**
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9121323 - EPA 7471A Soil										
Blank (9121323-BLK1)				Prepared: 12/13/19 Analyzed: 12/16/19						
Mercury	ND	0.10	mg/kg							
LCS (9121323-BS1)				Prepared: 12/13/19 Analyzed: 12/16/19						
Mercury	0.407	0.10	mg/kg	0.417		97.6	80-120			
Matrix Spike (9121323-MS1)		**Source: T194265-01**		Prepared: 12/13/19 Analyzed: 12/16/19						
Mercury	0.391	0.10	mg/kg	0.385	0.0289	94.2	75-125			
Matrix Spike Dup (9121323-MSD1)		**Source: T194265-01**		Prepared: 12/13/19 Analyzed: 12/16/19						
Mercury	0.390	0.10	mg/kg	0.391	0.0289	92.3	75-125	0.440	20	

SunStar Laboratories, Inc.

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.

Jeff Lee, Project Manager

SunStar
Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Vestra Resources, Inc.	Project: Camp Fire, 931 Elliott	
5300 Aviation Dr	Project Number: 71906	**Reported:**
Redding CA, 96002	Project Manager: Scott McArthur	12/18/19 10:52

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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.

Jeff Lee, Project Manager

SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

SunStar 20 Laboratories

Client: Vestras, Inc.
Address: 5300 Aviation Dr, Redding, CA96002
Phone: (530) 223-2585 Fax:
Project Manager: Jeff Lee Client Manager: Scott McArthur

Date: 12/11/19 Page: 1 Of 1
Project Name: Camp fire, 931 Elliott
Collector: Pluim Client Project #: 71906
Batch #: 794268 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	6020 ICP-MS T22 Metals	Hg by 7470/71	6020 ICP-MS Single Metal:	STLC	TCLP RCRA 8	Laboratory ID #	Comments/Preservative	Total # of containers
DU-1	12/11/19	1200	Soil	4 oz	X					01		
DU-2		1205								02		
DU-3		1210								03		
DU-4		1215								04		
DU-5		1220								05		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	12/12/19, 12:00		
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
UPS	12-12-19 1:00	[signature]	12-12-19 1:00
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 5
Chain of Custody seals Y/N/NA
Seals intact? Y/N/NA
Received good condition/cold: 16.7°C
Turn around time: STD

Notes

Sample disposal instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Rev. 02 Date 07/19
Receiving Form 001

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T194268

Client Name: Vestra Resources, Inc. Project: Camp Fire, 931 Elliott

Delivered by: ☐ **Client** ☐ **SunStar Courier** ☐ **GSO** ☐ **FedEx** ☒ **UPS**

If Courier, Received by: Date/Time Courier Received:

Lab Received by: Sunny Date/Time Lab Received: 12-13-19 11:00

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due : 6/27/20

Temperature:	Cooler #1	15.5 °C +/- the CF (+ 1.2°C) =	16.7	°C	corrected temperature
Temperature:	Cooler #2	°C +/- the CF (+ 1.2°C) =		°C	corrected temperature
Temperature:	Cooler #3	°C +/- the CF (+ 1.2°C) =		°C	corrected temperature
Temperature criteria = ≤ 6°C (no frozen containers)		Within criteria?		☐ **Yes**	☒ **No**
If NO:					
Samples received on ice?		☒ Yes		☐ **No → Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?		☐ Yes → Acceptable		☒ **No → Complete Non-Conformance Sheet**	

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☐ **Yes**	☒ **No***	

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: SL 12-13-19

Comments: Per client request on 6-4-19, proceed with analysis.

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Printed: 12/13/2019 2:26:57PM

WORK ORDER

T194268

Client: Vestra Resources, Inc.
Project: Camp Fire, 931 Elliott
Project Manager: Jeff Lee
Project Number: 71906

Report To:
Vestra Resources, Inc.
Scott McArthur
5300 Aviation Dr
Redding, CA 96002

Date Due:	12/20/19 17:00 (5 day TAT)		
Received By:	Sunny Lounethone	Date Received:	12/13/19 11:00
Logged In By:	Sunny Lounethone	Date Logged In:	12/13/19 12:24

Samples Received at: 16.7°C
Custody Seals No Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T194268-01 Du-1 [Soil] Sampled 12/11/19 12:00 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	12/20/19 15:00	5	04/09/20 12:00	
7470/71 Hg	12/20/19 15:00	5	06/08/20 12:00	
T194268-02 Du-2 [Soil] Sampled 12/11/19 12:05 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	12/20/19 15:00	5	04/09/20 12:05	
7470/71 Hg	12/20/19 15:00	5	06/08/20 12:05	
T194268-03 Du-3 [Soil] Sampled 12/11/19 12:10 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	12/20/19 15:00	5	04/09/20 12:10	
7470/71 Hg	12/20/19 15:00	5	06/08/20 12:10	
T194268-04 Du-4 [Soil] Sampled 12/11/19 12:15 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	12/20/19 15:00	5	04/09/20 12:15	
7470/71 Hg	12/20/19 15:00	5	06/08/20 12:15	
T194268-05 Du-5 [Soil] Sampled 12/11/19 12:20 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	12/20/19 15:00	5	04/09/20 12:20	
7470/71 Hg	12/20/19 15:00	5	06/08/20 12:20	

Reviewed By _____ Date _____

July 30, 2019

Vestra Resources, Inc.
Scott McArthur
5300 Aviation Drive
Redding CA, 96002

SERVICE:
Asbestos Inspection & Report

DATE AND TIME:
July 30, 2019 | 10:45 AM

LOCATION | AREA:
931 Elliott Road, Paradise, CA 95969

CONSULTANT:
Gabriel Sager

PURPOSE AND SCOPE OF SERVICES:

The purpose of this service was to conduct an Asbestos Survey in order to assist the client/owner-operator with determining whether or not Asbestos Containing Construction Materials (ACCM) are present in the planned renovation and/or demolition of the specified areas. A representative number of samples were collected throughout the areas determined to be disturbed and are listed herein.

The inspection was completed according to the EPA's Asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP) Regulations (40 CFR Part 61, Subpart M) and In-Schools Rule; 40 CFR 763.85 (Inspection and Re-Inspection), and local air quality districts where applicable. Currently, EPA regulations classify ACBM as materials containing more than (>) 1% of asbestos. Cal-OSHA currently regulates asbestos to 1/10th of 1% (0.1%) and requires that a certified asbestos worker conduct this work.

ANALYTICAL RESULTS:

Based on the samples collected from the site, the areas determined to be disturbed have been deemed free of ACCM. *No destructive sampling was conducted during the site visit. If in the course of work, additional suspect building materials are discovered (i.e.: inaccessible areas), the renovation/demolition activities must cease until further sampling is conducted.*

RESULTS TABLE:

The inspection and analytical results indicate that there is no ACCM present in the specified areas that are being disturbed. The contractor, his employees and/or his sub-contractors, can complete their work, in the specific areas tested, without any health or safety concerns in regard to the exposure of airborne asbestos fibers.

The location and results from this sampling are as follows:

Sample ID:	Material	Location	Results	Category
931-1	Debris Pile	NW Area	None Detected	N/A
931-2	Debris Pile	NE Area	None Detected	N/A
931-3	Debris Pile	W. Center Area	None Detected	N/A
931-4	Debris Pile	E. Center Area	None Detected	N/A
931-5	Debris Pile	SW Area	None Detected	N/A
931-6	Stucco	W. Area	None Detected	N/A
931-7	Roofing Material	N. Center Area	None Detected	N/A
931-8	Concrete	S. Center Area at Footing	None Detected	N/A

HAZARDOUS WASTE:

During the asbestos inspection, no additional post phase 1 hazardous waste was discovered by the on-site environmental consultant. Such waste includes, but is not limited to; Batteries, Pesticides, Mercury-Containing Equipment, Lamps, Aerosol Cans, TV's, Cell Phones, Computers & Monitors. If in the course of work, hazardous waste is discovered, cleanup activities shall cease until waste is properly managed. Once waste is removed, work can commence. All hazardous waste should be handled and disposed of as required and cannot be incorporated with general fire debris.

ASSUMPTIONS AND LIMITATIONS:

The results, findings, conclusions, and recommendations expressed in this report are based only on conditions that were noted during RegasGroup's inspection of the specific areas listed herein.

The selection of sample locations and frequency of sampling was based on observations and the assumption that like materials in the same area are homogeneous in content. This report is not to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as an Asbestos Abatement Project Design document or an Asbestos Abatement Work plan.

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental testing and consulting. This report does not warrant against undiscovered hazards and locations not investigated.

If you have any questions regarding this report or if I can be of further assistance, please feel free to contact me.

Reviewed and Submitted by:

Gabriel Sager
Site Surveillance Technician
RegasGroup
Environmental Consultants
CSST #15-5554
CDPH #27088
Mycometer
MMA-0313-US | MMS-1835-US | BQS-0145-US

Dominick Sager
Senior Consultant
RegasGroup
Environmental Consultants
CAC #13-5082
CDPH #24356
NV #IM1131
Mycometer
MMA-0226-US | MMS-1258-US | BQS-0118-US

MicroTest Laboratories, Inc. | NVLAP Code: 200999-0
3110 Gold Canal Dr, Ste. A, Rancho Cordova, CA 95670
PH 916.567.9808 | FX 916.404.0302
www.microtestlabsinc.com | service@microtestlabsinc.com

for office use only

Accession Numbers:

225920-27

CLIENT INFORMATION

Company RegasGroup
Name Dominick Sager
Address 705 E. Bidwell St., Ste. 2-244
Folsom, CA 95630
Phone 916-235-3110
Email service@regasgroup.com

SAMPLE

Date Tuesday, July 30, 2019
Time 10:45 AM

JOB SITE INFORMATION

Sampler Gabriel Sager
Project Property
Address 931 Elliott Road
Paradise, CA 95969

MicroTest Laboratories

Analytical Data

POLARIZED LIGHT MICROSCOPY (PLM) EPA METHOD 600 / R-93 / 116

Sample ID	Accession Number	Location	Description	Non Fibrous / Fibrous Materials	Asbestiform Minerals %
931-1	225920	NW Area	Gray Debris	5% Fiberglass 95% Binder	None Detected
931-2	225921	NE Area	Gray Debris	5% Fiberglass 95% Binder	None Detected
931-3	225922	W. Center Area	Gray Debris	5% Fiberglass 95% Binder	None Detected
931-4	225923	E. Center Area	Gray Debris	5% Fiberglass 95% Binder	None Detected
931-5	225924	SW Area	Gray Debris	5% Fiberglass 95% Binder	None Detected
931-6	225925	W. Area	Gray Stucco	99% Binder	None Detected
931-7	225926	N. Center Area	Gray Roofing	5% Fiberglass 95% Binder	None Detected
931-8	225927	S. Center Area at Footing	Gray Concrete	99% Binder	None Detected

REPORT

Date Tuesday, July 30, 2019

Samples Received: 8
Samples Analyzed: 8

Analyst: Nolan Starbuck

Authorized Signatory: Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, None Detected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). This report is limited to items analyzed here within.This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced in full without written authorization from MicroTest Laboratories, Inc.

RegasGroup **Environmental Consultants**
705 E. Bidwell St., Suite 2-244, Folsom CA 95630
PH 916.235.3110 | FX 916.404.5170
www.RegasGroup.com | Service@RegasGroup.com

225920-27

CLIENT INFORMATION

Company Vestra Resources, Inc.
Name Scott McArthur
Address 5300 Aviation Drive
Redding CA, 96002
Phone (530) 223 - 2585
Email clovely@vestra.com

Sample
Date Tuesday, July 30, 2019
Time 10:45 AM

REGASGROUP
Chain-Of-Custody

JOB SITE INFORMATION

Site Property
Address 931 Elliott Road
Paradise, CA 95969
Name
Claim#
Job # 8838
Chain # 1

Analysis: PLM | TTFP - 400 PT.CT.
Turn Around Time: Same Day

Sample Number:	Location	Description
931-1	NW Area	Debris Pile
931-2	NE Area	Debris Pile
931-3	W. Center Area	Debris Pile
931-4	E. Center Area	Debris Pile
931-5	SW Area	Debris Pile
931-6	W. Area	Stucco
931-7	N. Center Area	Roofing Material
931-8	S. Center Area at Footing	Concrete

Relinquished by (Client)	Date/Time

Relinquished by (Tech)	Date/Time
	07/30/2019 10:45 AM

Sampler: Gabriel Sager

Received by (Tech)	Date/Time

Received by (Lab)	Date/Time
	07/30/2019 2:00 PM

Total Number of Samples 8

COC Page # 1 from 1

LEGEND/EROSION CONTROL NOTES:

Burn debris footprint (see photographs attached)

Area of demolition
Winterize pad with gravel or one of the following:
- Hydraulic/straw mulch
- Hydroseeding
- Soil binders
- Wood mulching

If hardscape/flatwork outside of the building pad itself is to remain then no erosion control required on those areas. If hardscape/flatwork is removed then implement the above BMPs.

Install fiber rolls/silt fence around edge of disturbed area

STRUCTURES:
A - Residence - 2,645 sq. ft.

SEPTIC/SEWER:

Approximate location of septic tank

Approximate location of leach lines

PROPERTY SPECIFIC HAZARDS:
(Pool, large vehicles, solar, etc.)
Vehicle

WELL:
No Well

TRAFFIC CONTROL:
None required

FOUNDATION:
A - Concrete Slab/Stem Wall

STAGING AREA NOTE:
The staging area for the site will be onsite at the pad.

No heavy equipment shall be staged on the street.

Only trucks may be parked on the street.

VICINITY MAP

SOIL SAMPLES:

Confirmation Soil Sample Location Five Point Composite from Ash Quadrant (5)

NOTE:
Confirmation sample locations to be located within ash footprint of destroyed structures

STAGING AREA NOTE:
The staging area for the site will be onsite at the pad.

No heavy equipment shall be staged on the street.

Only trucks may be parked on the street.

N

0 25 50 100 Feet

FIGURE 2
SITE PLAN/
CONFIRMATION SAMPLE LOCATIONS
931 ELLIOT ROAD
PARADISE, CALIFORNIA

P:\GIS\71906\931 Elliot Road\931 Elliot Road_Site Plan.mxd

Visit www.recycleButte.net

931

11:27

PO Box 1681
Magalia CA 95954

Vehicle ID: AA65
Reference:
ParcelNo: 053-111-028

Origin: PARADISE
DATE IN: 12/04/2019 TIME IN: 09:[illegible]:16
DATE OUT: 12/04/2019 TIME OUT: 09:[illegible]:16

INBOUND TICKET Number: 02-01839348

SCALE 1 GROSS WT.	[illegible] LB
STORED TARE WT.	[illegible]440 LB
NET WEIGHT	[illegible] LB

Qty	Description	Amount
11.87	DstrWste-UsingTare	[illegible]
	TICKET AMOUNT:	[illegible]

X_____

BUTTE COUNTY
NEAL ROAD LANDFILL
1023 NEAL ROAD
PARADISE, CA 95969

Weighed: Heather
BILL TO: 11820
Dobrich and Sons
PO Box 1681
Magalia CA 95954

Vehicle ID: AA65
Reference:
ParcelNo: 053-111-028

Origin: PARADISE
DATE IN: 12/04/2019 TIME IN: 11:00:33
DATE OUT: 12/04/2019 TIME OUT: 11:00:33

INBOUND TICKET Number: 02-01839446

SCALE 1 GROSS WT.	46920 LB
STORED TARE WT.	22440 LB
NET WEIGHT	24480 LB

Qty	Description	Amount
13.24	DstrWste-UsingTare	557.54
	TICKET AMOUNT:	557.54

X_____

Thanks for keeping Butte County clean.
NRRWF hours are 7 AM to 4 PM

BUTTE COUNTY
NEAL ROAD LANDFILL
1023 NEAL ROAD
PARADISE, CA 95969

Weighed: Yesenia
BILL TO: 11820
Dobrich and Sons
PO Box 1681
Magalia CA 95954

Vehicle ID: 9F29
Reference:
ParcelNo: 053-111-028

Origin: PARADISE
DATE IN: 12/03/2019 TIME IN: 11:55:09
DATE OUT: 12/03/2019 TIME OUT: 11:55:09

INBOUND TICKET Number: 02-01839143

SCALE 2 GROSS WT.	73240 LB
STORED TARE WT.	31940 LB
NET WEIGHT	41300 LB

Qty	Description	Amount
20.65	DstrWste-UsingTare	869.57
	TICKET AMOUNT	869.57

X_____

Thanks for keeping Butte County clean.
NRRWF hours are 7 AM to 4 PM

BUTTE COUNTY
NEAL ROAD LANDFILL
1023 NEAL ROAD
PARADISE, CA 95969

Weighed: Yesenia
BILL TO: 11820
Dobrich and Sons
PO Box 1681
Magalia CA 95954

Vehicle ID: 9F29
Reference:
ParcelNo: 053-111-028

Origin: PARADISE
DATE IN: 12/03/2019 TIME IN: 13:14:03
DATE OUT: 12/03/2019 TIME OUT: 13:14:03

INBOUND TICKET Number: 02-01839198

SCALE 2 GROSS WT.	83420 LB
STORED TARE WT.	31940 LB
NET WEIGHT	51480 LB

Qty	Description	Amount
25.74	DstrWste-UsingTare	1083.91
	TICKET AMOUNT:	1083.91

X_____

Franklin Construction Inc.

Neal Road Aggregate Recycling Facility
999 Neal Road, Paradise, CA 95969
530-343-9600

38878

12/4/2019
8:30 47AM

Vehicle # 67

Customer DOBRICH AND SONS

Carrier DOBRICH AND SONS

Order 0219190L/CAMPFIRE CLEANUP

Product DEBRIS CONCRETE

Gross	45740	Unit Price	0.00
Tare	22920		
Net Weight	22820	SubTotal	$114.10
Tons	11.41	Tax	$0.00
		Total	$114.10

Driver on Gross and Tare

Today 33 51 Loads 2

Weigmaster: Zach Winkle

Weighmaster Certificate

THIS IS TO CERTIFY that the following described commodity was weighed measured or counted by a weighmaster whose signature is on file certificate who is a recognized authority of accuracy as prescribed by Chapter 7 commencing with Section 12700 of Division 5 of the California Business and Professions Code administered by the Division of Measurement Standards of the California Department of Food and

---

Vehicle ID: 9929
Reference:
ParcelNo: 053-111-028

Origin: BUTTE COUNTY
DATE IN: 12/03/2019 TIME IN: 14:10:11
DATE OUT: 12/03/2019 TIME OUT: 14:30:13

INBOUND TICKET Number: 02-0189267

SCALE 2 GROSS WT.	75740 LB
STORED TARE WT.	31940 LB
NET WEIGHT	43800 LB

Qty	Description	Amount
21.90	DebrisWaste-UsingTare	922.21

TICKET AMOUNT 922.21

Vehicle ID:
Reference:
ParcelNo: 053-11-028

Origin: PARADISE
DATE IN: 12/03/2019 TIME IN: 13:41:21
DATE OUT: 12/03/2019 TIME OUT: 15:41:31

INBOUND TICKET Number: 02-0189269

SCALE 1 GROSS WT.	95920 LB
MANUAL TARE WT.	31940 LB
NET WEIGHT	63980 LB

Qty	Description	Amount
25.99	DebrisWaste-UsingTare	1094.44

TICKET AMOUNT 1094.44

Franklin Construction Inc.

Neal Road Aggregate Recycling Facility
999 Neal Road, Paradise, CA 95969
530 343-9600

38887

12/4/2019
10:34:13AM

Vehicle #

Customer DOBRICH AND SONS

Carrier DOBRICH AND SONS

Order 021919CL/CAMPFIRE CLEANUP

Product DEBRIS CONCRETE

Gross	65900	Unit Price	10.00
Tare	32680	SubTotal	$166.10
Net Weight	33220	Tax	$0.00
Tons	16.61	Total	$166.10

Driver on Gross and Tare

Today 72.28 Loads 4

Weighmaster Zach Winkle

Weighmaster Certificate

THIS IS TO CERTIFY that the following described commodity was weighed measured or counted by a weighmaster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code administered by the Division of Measurement Standards of the California Department of Food and

Franklin Construction Inc.

Neal Road Aggregate Recycling Facility
999 Neal Road, Paradise, CA 95969
530 343-9600

38872

12/4/2019
7:32:46AM

Vehicle #

Customer DOBRICH AND SONS

Carrier DOBRICH AND SONS

Order 021919CL/CAMPFIRE CLEANUP

Product DEBRIS CONCRETE

Gross	76880	Unit Price	10.00
Tare	32680	SubTotal	$221.00
Net Weight	44200	Tax	$0.00
Tons	22.10	Total	$221.00

Driver on Gross and Tare

Today 22.10 Loads 1

Weighmaster Zach Winkle

Weighmaster Certificate

THIS IS TO CERTIFY that the following described commodity was weighed measured or counted by a weighmaster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code administered by the Division of Measurement Standards of the California Department of Food and

Franklin Construction Inc.

Neal Road Aggregate Recycling Facility
999 Neal Road, Paradise, CA 95969
530 343-9600

38881

12/4/2019
9:18:48AM

Vehicle #

Customer DOBRICH AND SONS

Carrier DOBRICH AND SONS

Order 021919CL/CAMPFIRE CLEANUP

Product DEBRIS CONCRETE

Gross	77000	Unit Price	10.00
Tare	32680	SubTotal	$221.60
Net Weight	44320	Tax	$0.00
Tons	22.16	Total	$221.60

Driver on Gross and Tare

Today 55.67 Loads 3

Weighmaster Zach Winkle

Weighmaster Certificate

THIS IS TO CERTIFY that the following described commodity was weighed measured or counted by a weighmaster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code administered by the Division of Measurement Standards of the California Department of Food and

CHICO SCRAP METAL, INC

766 Oroville-Chico Hwy • Durham, CA 95938-9796
(530) 343-7166 • (530) 345-6241 • FAX (530) 343-9524

CERTIFICATION #RC3668 NO. 16035

DATE: [illegible] 20 19

NAME Lilburn

ADDRESS [illegible] Elliot Paradise

LBS. 41770 16450 [X] STEEL SCRAP

LBS. TARE 32000 6820 [ ] CAR BODIES

LBS. NET 9770 3630 Recycled

$97.70 $36.30

$134

X [illegible] VEH. LIC PLATE 4GL6641

TRLR _____ PRICE BY _____ EXT. BY _____

BILL OF SALE

I hereby state I am the lawful owner of the material described hereon, that I have a right to sell same and that for payment received in full, hereby acknowledged, I sell and convey title of same to CHICO SCRAP METAL INC.

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER [illegible]

Gose, Sarah

From: Teren, Kandyce <KTeren@Vestra.com>
Sent: Tuesday, January 7, 2020 3:14 PM
To: Program, Alternative
Cc: McArthur, Scott; Miller, Kathryn; mauny@rgeca.com; shirldob@aol.com
Subject: 931 Elliott (Marjama)/ Alternative Program COMPLETION REPORT
Attachments: 931 Elliott Rd. Completion Report_010720.pdf

Categories: Yellow Category

Attached is the Alternative Program COMPLETION REPORT for 931 Elliott Road, Paradise.
Please contact Scott McArthur at 530-223-2585 with any questions on the attached.

Thank you.

Kandyce Teren
VESTRA Resources, Inc.
(530)-223-2585

Tyson, Elizabeth

From: Tyson, Elizabeth
Sent: Wednesday, January 8, 2020 12:49 PM
To: 'Mauny Roethler'; 'Steven Dobrich'
Cc: Parker, Thomas
Subject: Final report review for 931 Ellioitt Rd.

Hi Steve and Stacy,

I am reviewing the final cleanup report for 931 Elliott Rd. Has all of the concrete been removed from the property?

Thank you,

Elizabeth Tyson
Butte County Public Health
etyson@buttecounty.net
http://www.buttecounty.net/publichealth/

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Tyson, Elizabeth

From: shirldob@aol.com
Sent: Wednesday, January 8, 2020 4:05 PM
To: Tyson, Elizabeth; mauny@rgeca.com; Parker, Thomas
Subject: Re: Final report review for 743 Ashland Ln.

ATTENTION: This message originated from outside **Butte County**. Please exercise judgment before opening attachments, clicking on links, or replying.

Hi,

All of the Concrete has been removed from the three properties, Elliott, Bille, and Ashland.

Thank you for checking

Shirlena Dobrich

-----Original Message-----
From: Tyson, Elizabeth <ETyson@buttecounty.net>
To: 'Steven Dobrich' <shirldob@aol.com>; 'Mauny Roethler' <mauny@rgeca.com>
Cc: Parker, Thomas <TParker@buttecounty.net>
Sent: Wed, Jan 8, 2020 1:02 pm
Subject: Final report review for 743 Ashland Ln.

Hi Steve and Stacy,

I am reviewing the final cleanup report for 743 Ashland Ln., in Paradise. Has all of the concrete been removed from the property?

Thank you,

Elizabeth Tyson
Butte County Public Health
etyson@buttecounty.net
http://www.buttecounty.net/publichealth/

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053-111-034

955 Elliott Rd

39.759944, -121.613495

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: **053-111-034**
Address: **955 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 in effect at the time of the property assessment and review.

At this property, asbestos was identified and required abatement. The property was identified by Butte County as "commercial use" based on land use permits or zoning. Initial confirmation soil sampling results required additional soil to be removed in order to meet the cleanup goal objectives. 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) 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.

COMMERCIAL WASTE DISPOSAL PROFILING

Site inspections and historical reviews were conducted at properties identified by Butte County as "commercial use" based on land use permits or zoning; these properties were evaluated for waste disposal profile sampling, including this property. Commercial properties with construction types and land uses similar to residential properties were determined to be exempt from requiring waste disposal

profiling by the State IMT, and the debris removal at those properties followed the procedures for residential properties described below. If a commercial property was determined by the State IMT to be non-exempt from profiling, ash was sampled to ensure the debris was disposed at an appropriate landfill. This property was determined to be exempt from waste disposal profiling and no profile samples were collected. Waste disposal practices were conducted consistent with residential properties.

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

RESCRAPE ACTIVITIES

If a confirmation soil sample result was greater than the cleanup goal and laboratory margin of error, the State IMT directed the contractor remove an additional 2 to 3 inches of soil from the area represented by the soil sample. Following the soil rescrape, new confirmation soil samples were collected from the specific area and results were again compared to the cleanup goals. The rescrape-resample process continued until all cleanup goals were met, or in rare cases the State IMT determined that contamination was not attributable to debris from the Camp Fire but instead was representative of ambient soil conditions. Rescrape sample names add a suffix (R1, R2, R3, etc.) identifying the number of rescrapes within the relevant sample area.

PROPERTY REPORT SUMMARY
Assessor Parcel Number: **053-111-034**
Address: **955 Elliott Rd Paradise CA 95969**

	APN		Structure/Sample Number		Rescrape
Example Rescrape Sample Name:	123-456-789	–	A2	–	R1

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: **053-111-034**
Address: **955 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: **053-111-034**
Address: **955 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.*	No
Asbestos Survey Date	3/30/2019
Asbestos-Containing Materials Requiring Abatement	Yes
Asbestos Activities Completion Date	4/30/2019
Asbestos Survey Notes	None
Geologic Background Set	TVP Area
Property Structures Burned and Removed (square feet)	A: 15,275 sf; B: 1,600 sf; C: 500 sf; D: 128 sf; E: 300 sf
Confirmation Soil Samples Collected	A1, A2, A3, A4, A5, A6, A7, A8, B1, B2, B3, B4, C1, C2, D1, D1-R1, D2, E1, E2
Final Confirmation Soil Samples Above Cleanup Goals and Lab Margin of Error	None
Soil Boring Samples	None
Site Completion Date	8/21/2019
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)

The correct address for this ROE is as follows:
955 Elliott Rd, Paradise, CA 95969

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
JAN 14 2019
BY: CO

Debris Removal Right-of-Entry Permit

(For Providing Debris Removal on Private Property)

Owner Name: FIRST ASSEMBLY OF GOD OF PARADISE	
Phone Number & Email: (530) 877-2556	
Property Address: 931, 935, 955 ELLIOTT RD	☐Unincorporated or ☐City
Assessor's Parcel Number (APN): 053111034	
Age of Structure(s): 1976	

The undersigned hereby certifies they/he/she are/is (check):

_____ The owner(s) with authority to grant access to the property at (address) 931, 935, 955 ELLIOTT RD.

✓ The authorized agent of the Property Owner resident at above address.

I / we, JOHN K BLACKBURN, 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: CHURCH MUTUAL

Policy Number: 0230772-02-9260161

Claim Number: 13675563

Agent's Name: VICTORIA WERKING

Agent's Phone / e-mail: 1-800 995-7525 VICTORIA@CCFA.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:

JOHN K BLACKBURN
Owner's signature

1-10-19
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*, <u>at their sole discretion</u>, 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.

JOHN K BLACKBURN
Printed name of Owner or Agent

Signature of Owner or Agent

1-11-19
Date

530 228 1266
Phone number of Owner or Agent

RHONDA@PARADISE 1ST.COM
E-mail address of Owner or Agent

PO BOX 6447 CHICO, CA. 95927
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:

EMERG. COORDINATOR. SCOTT TUCKER
Title and Printed name of County Representative

Signature of County Representative

1/14/19
Date

Disaster Debris Removal Program
Property Information

Please identify all that apply on the Property:

Vehicles	Location	Description	Comments
Car	GARAGE	VAN	BECIDE THE GARAGE
Boat or Trailer			
Other vehicles	GARAGE	RIDING LAWN MOWER	IN BACK RIGHT CORNER
Other:	GARAGE	BBQ TRAILOR	ON SOUTH SIDE OF GARAGE.

Remove all

Underground Tanks	Location	Construction Date (If Known)	Comments
Septic[1] ✓	4 TANKS		1-935 ELLIOTT BACK OF HOUSE 955 1-SOUTH SIDE OF CHURCH TRANSFER TANK
Fuel/Oil[2]			2- NORTH SIDE OF SIDEWALK ON EAST SIDE
Water			3- ON WEST SIDE OF OFFICE AREA BETWEEN BUILDING AND PARKING LOT
Other:			

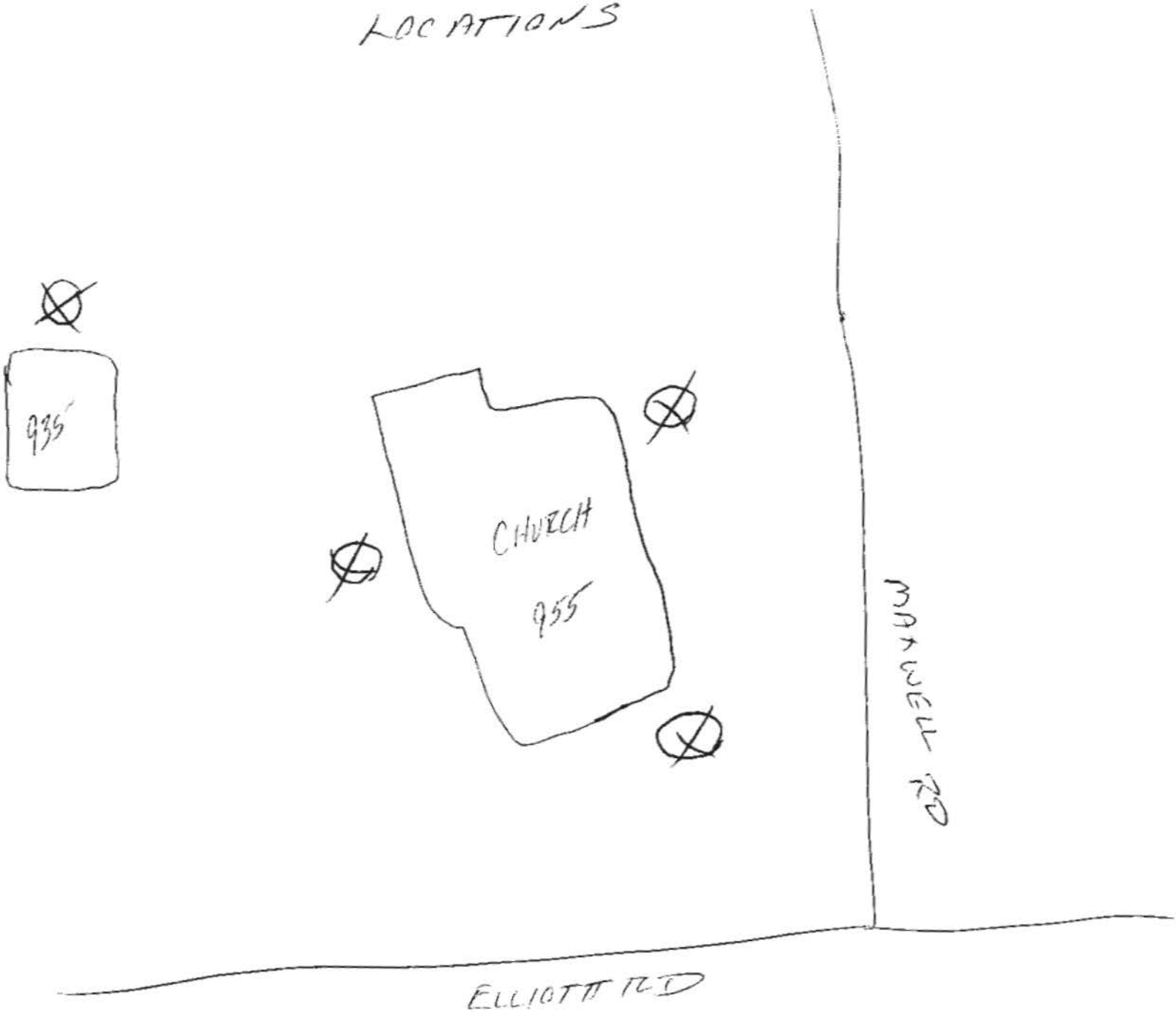
MAXWELL & ELLIOTT CORA

See MAP!

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:			

SEPTICT TANK
LOCATIONS



APN - 053-111-034

Camp Fire Incident

Property Report | Butte County, California

Site Assessment Form

TETRA TECH

CalRecycle – Camp Fire Site Assessment

Parcel # 053-111-034

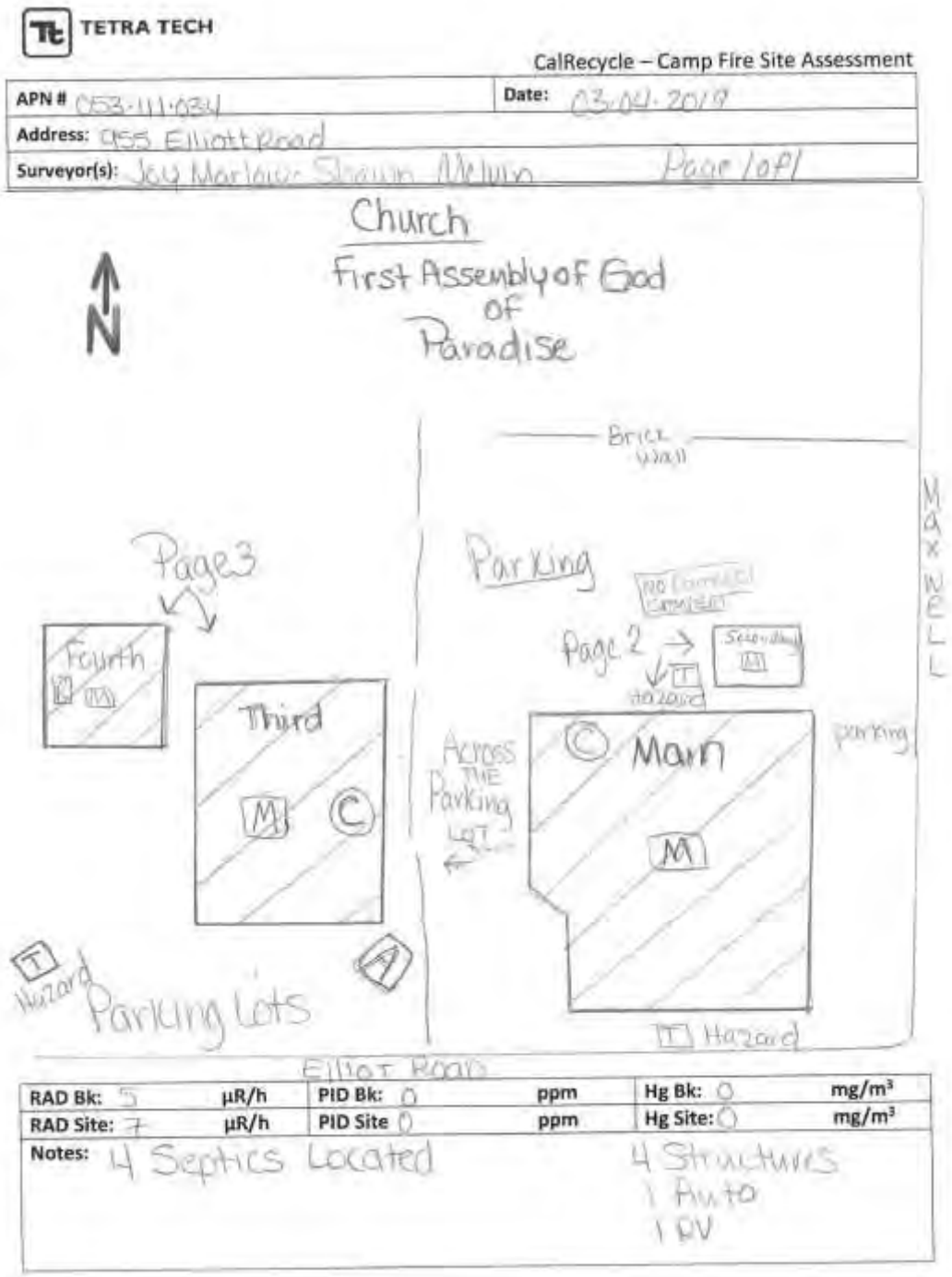
Address: 955 Elliott Road, Paradise CA 95969	
Survey Date: 3/4/2019	**Surveyor(s)**: Joy Marlow, Shawn Melvin
Damage Area: Paradise	
Foundation	
[X] Basement [ ] On Block [ ] Slab (On-grade)	
[ ] No Visible Foundation	
Notes:	
Exterior	
[ ] Exterior Walls Damaged	[ ] Visible Structural Damage
[ ] Totally Collapsed	[X] Partially Collapsed
[ ] No visible damage observed	
Notes: Large brick walls are still standing.	
Driveway	
[X] Paved [ ] Dirt/Stone [ ] Bridge	[X] Pre-existing damage (cracks or damage)
Site Hazards	
[X] [A] Automobile	[ ] Pool/Spa (Below Ground)
[X] [C] Chimney	[X] [R] RVs (Other motorized vehicle)
[ ] [H] HHW	[X] [S] Septic
[X] [M] Metal	[X] [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 # 053-111-034

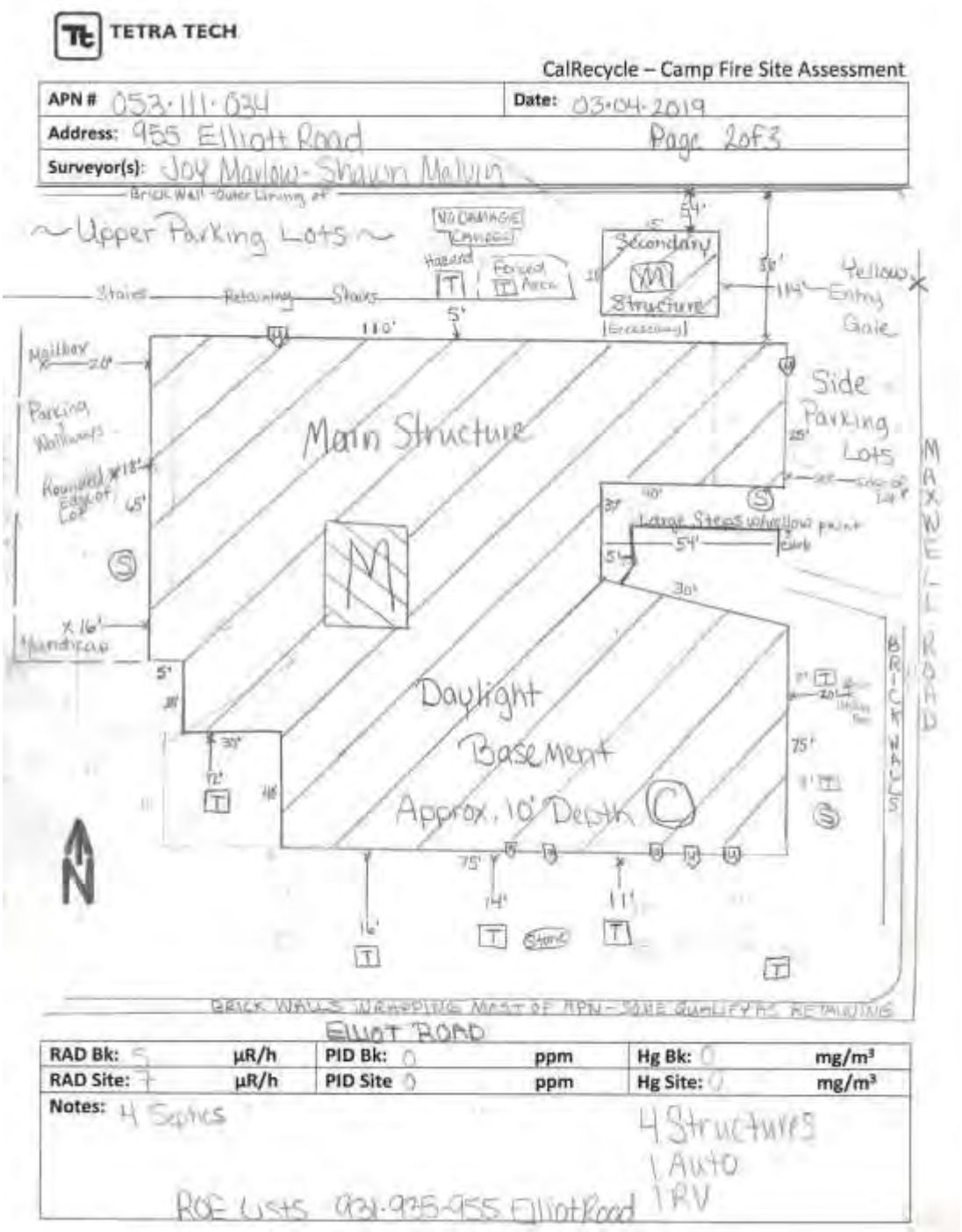
Parcel Location – Aerial Imagery

*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 2

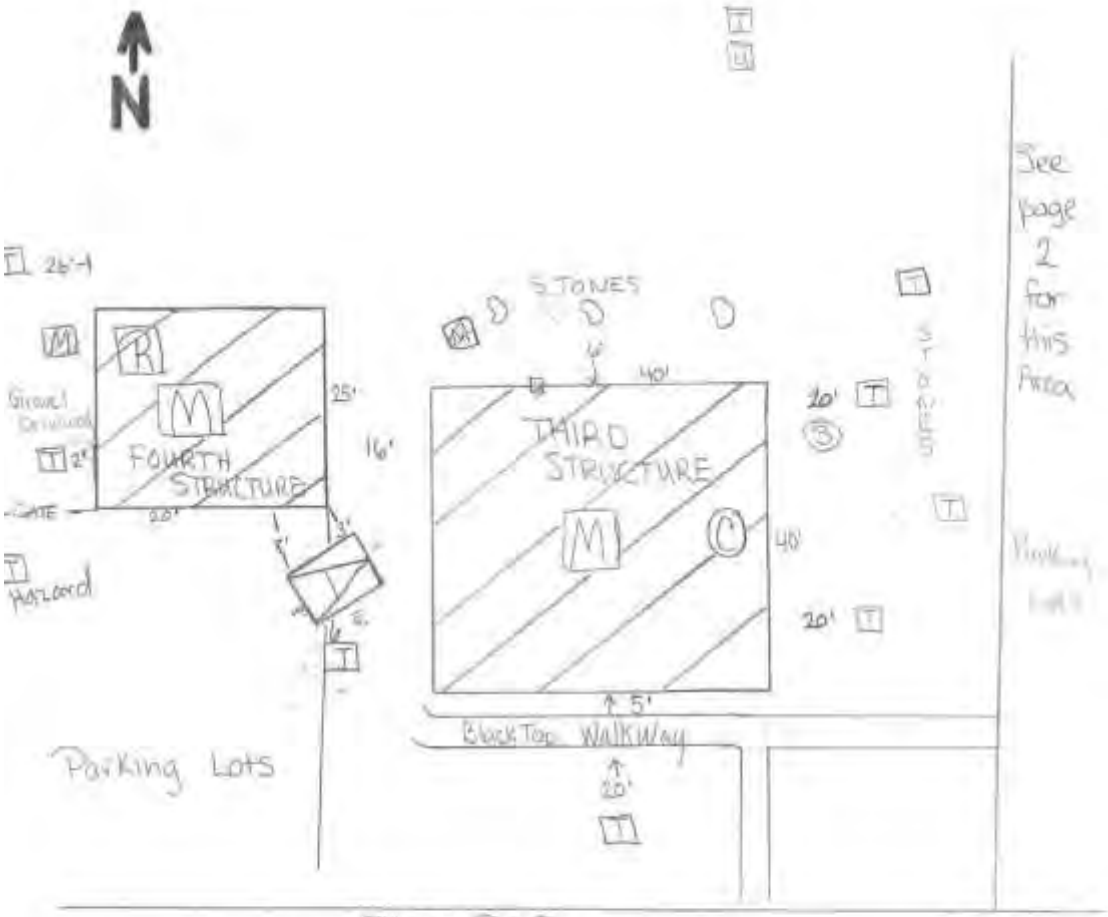


Site Survey Sketch 3

TETRA TECH

CalRecycle – Camp Fire Site Assessment

APN # 053-111-034	Date: 03.04.2019
Address: 955 Elliott Road	Page 3 of 3
Surveyor(s): Joe Marlow - Shawn Melvin	



RAD Bk: 5	µR/h	PID Bk: 0	ppm	Hg Bk: 0	mg/m³
RAD Site: 7	µR/h	PID Site 0	ppm	Hg Site: 0	mg/m³

Notes: 4 Septics

4 Structures
1 Auto
1 RV

RUE Lists 031-935-05 Elliot Road

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 Driveway	
Structure	Primary Structure

Photo Description
Driveway #2 located on Maxwell

Property View Driveway	
Structure	Primary Structure

Photo Description
Driveway #3 located on Maxwell

Property View From Front	
Structure	Primary Structure

Photo Description

Property View From Front	
Structure	Primary Structure

Photo Description

Property View Left Side	
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 Back Side	
Structure	Primary Structure

Photo Description

Property View Back Side	
Structure	Primary Structure

Photo Description

Property View Right Side	
Structure	Primary Structure

Photo Description

Property View Right Side	
Structure	Primary Structure

Photo Description

Property View Right Side	
Structure	Primary Structure

Photo Description

Property View Right Side	
Structure	Primary Structure

Photo Description

Property View From Front	
Structure	Primary Structure

Photo Description
5th side

Property View From Front	
Structure	Primary Structure

Photo Description
5th side

Property View From Front	
Structure	Primary Structure

Photo Description
5th side

Property View From Front	
Structure	Primary Structure

Photo Description
5th side

Property View From Front	
Structure	Secondary Structure

Photo Description

Property View Left Side	
Structure	Secondary Structure

Photo Description

Property View Back Side	
Structure	Secondary Structure

Photo Description

Property View Right Side	
Structure	Secondary Structure

Photo Description

Property View From Front	
Structure	Third Structure

Photo Description

Property View Left Side	
Structure	Third Structure

Photo Description

Property View Back Side	
Structure	Third Structure

Photo Description

Property View Right Side	
Structure	Third Structure

Photo Description

Property View From Front	
Structure	Fourth Structure

Photo Description

Property View Left Side	
Structure	Fourth Structure

Photo Description

Property View Back Side	
Structure	Fourth Structure

Photo Description

Property View Right Side	
Structure	Fourth Structure

Photo Description

Site Hazard	Automobile
Photo Direction	

Photo Description

Site Hazard	Chimney
Chimney Status	
Photo Direction	

Photo Description

Site Hazard	Chimney
Chimney Status	
Photo Direction	

Photo Description

Site Hazard	Metal
Photo Direction	

Photo Description

Site Hazard	Metal
Photo Direction	

Photo Description

Site Hazard	RVs
Photo Direction	

Photo Description

Site Hazard	Septic
Photo Direction	

Photo Description

Site Hazard	Septic
Photo Direction	

Photo Description

Site Hazard	Septic
Photo Direction	

Photo Description

Site Hazard	Septic
Photo Direction	

Photo Description

Site Hazard	Tree(s) - Rec. Removal
Photo Direction	

Photo Description

Site Hazard	Tree(s) - Rec. Removal
Photo Direction	

Photo Description

Site Hazard	Tree(s) - Rec. Removal
Photo Direction	

Photo Description

Camp Fire Incident

Property Report | Butte County, California

Asbestos Survey Form

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

Inspector(s): Ted Ice Angélica Rodríguez Arriaga

Owner: First Assembly of God of Paradise # Structures: 6

Construction Materials:
[X] Wood [X] Masonry [X] Concrete [X] Metal [ ] Unknown [ ] None
[ ] Other:

Foundation:
[X] Slab [X] Subfloor [X] Footings [ ] Unknown [ ] None
[ ] Other:

Floor:
[X] Concrete [ ] Wood [ ] Dirt [ ] 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: [ ] No [X] Yes Church 1- 10ft Basement, Kitchen- No, Church 2- 3ft Crawlspace, Shed- No

Furnace/Ducts: [ ] No [X] Yes No Suspect

Chimney(s): [ ] No [X] Yes how many? 2 NESHAP Walls: [ ] No [X] Yes

Limitations: [X] No [ ] Yes Explain:

Structure(s)					
Structure Type:	Church 1	Structural Integrity:	Destroyed	Suspect Material:	Yes
Structure Type:	Kitchen	Structural Integrity:	Destroyed	Suspect Material:	Yes
Structure Type:	RV	Structural Integrity:	Intact	Suspect Material:	No
Structure Type:	Trailer	Structural Integrity:	Intact	Suspect Material:	No
Structure Type:	Church 2	Structural Integrity:	Destroyed	Suspect Material:	Yes
Structure Type:	Garage	Structural Integrity:	Destroyed	Suspect Material:	Yes

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

Suspect Material	SAMPLE #	SAMPLE ID	Material Location	Quantity (SF/LF)
Sheet Flooring 1 Grey and Green	01	BFI-053-111-034-01	Church 1 Basement Center	1000(SF)
Sheet Flooring 2 Multi-Layer, Under Carpet	02	BFI-053-111-034-02	Church 1 Basement East	300(SF)
Duct Liner Coating 1	03	BFI-053-111-034-03	Church 1 Basement Ducts	200(SF)
Duct Liner Coating 2	04	BFI-053-111-034-04	Church 1 Basement Ducts	200(SF)
Duct Liner Coating 3	05	BFI-053-111-034-05	Church 1 Basement Ducts	200(SF)
Wall Texture White	06	BFI-053-111-034-06	Church 1 Throughout	3000(SF)
Drywall and Joint Compound	07	BFI-053-111-034-07	Church 1 Throughout	3000(SF)
Door Caulking	08	BFI-053-111-034-08	Church 1 Basement Doors	50(SF)
Carpet Adhesive Yellow	09	BFI-053-111-034-09	Church 1 Basement South	400(SF)
Ceiling Tile	10	BFI-053-111-034-10	Church 1 Basement West	1000(SF)
Ceiling Texture B 1	11	BFI-053-111-034-11	Church 1 Basement Stairs	150(SF)
Ceiling Texture B 2	12	BFI-053-111-034-12	Church 1 Basement Stairs	150(SF)
Ceiling Texture B 3	13	BFI-053-111-034-13	Church 1 Basement Stairs	150(SF)
Cementitious Board	14	BFI-053-111-034-14	Church 1 Basement Stairs	100(SF)
Interior Stucco 1 Soffit	15	BFI-053-111-034-15	Church 1 Basement Stairs	1900(SF)
Interior Stucco 2 Soffit	16	BFI-053-111-034-16	Church 1 Basement Stairs	1900(SF)
Interior Stucco 3 Soffit	17	BFI-053-111-034-17	Church 1 Basement Stairs	1900(SF)
Interior Stucco 4 soffit	18	BFI-053-111-034-18	Church 1 Exterior Walkway South	1900(SF)
Interior Stucco 5 Soffit	19	BFI-053-111-034-19	Church 1 Exterior South	1900(SF)
Gunite 1	20	BFI-053-111-034-20	Church 1 Basement North	200(SF)
Gunite 2	21	BFI-053-111-034-21	Church 1 Basement North	200(SF)
Gunite 3	22	BFI-053-111-034-22	Church 1 Basement North	200(SF)
Sump Stone Mortar	23	BFI-053-111-034-23	Church 1 Walls Above Basement	1200(SF)
Caulking	24	BFI-053-111-034-24	Church 1 Basement Windows	50(LF)
Ceiling Texture A 1 thin white texture on dark drywall	25	BFI-053-111-034-25	Church 1 Basement Storage	150(SF)
Ceiling Texture A 2 thin white texture on dark drywall	26	BFI-053-111-034-26	Church 1 Basement Storage	150(SF)
Ceiling Texture A 3 thin white texture on dark drywall	27	BFI-053-111-034-27	Church 1 Basement Storage	150(SF)
Skim Coat White 1 White	28	BFI-053-111-034-28	Church 1 Basement South	500(SF)

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

Suspect Material	SAMPLE #	SAMPLE ID	Material Location	Quantity (SF/LF)
Skim Coat White 2 White	29	BFI-053-111-034-29	Church 1 Basement East	500(SF)
Skim Coat White 3 White	30	BFI-053-111-034-30	Church 1 Basement North East	500(SF)
Exterior Stucco 1 Large Metal Mesh	31	BFI-053-111-034-31	Church 1 Exterior Basement by Basement Stairs	3500(SF)
Exterior Stucco 2 Large Metal Mesh	32	BFI-053-111-034-32	Church 1 Exterior South	3500(SF)
Exterior Stucco 3 Large Metal Mesh	33	BFI-053-111-034-33	Church 1 Exterior South	3500(SF)
Exterior Stucco 4 White Metal Mesh	34	BFI-053-111-034-34	Church 1 Exterior East	3500(SF)
Exterior Stucco 5 Large Metal Mesh	35	BFI-053-111-034-35	Church 1 Exterior East	3500(SF)
Skim Coat Pink 1 Pink	36	BFI-053-111-034-36	Church 1 Basement West	200(SF)
Skim Coat Pink 2 Pink	37	BFI-053-111-034-37	Church 1 Basement West	200(SF)
Skim Coat Pink 3 Pink	38	BFI-053-111-034-38	Church 1 Basement West	200(SF)
Asphalt Shingle Black	39	BFI-053-111-034-39	Church 1 Exterior	4000(SF)
Concrete	40	BFI-053-111-034-40	Church 1 Foundation	3000(SF)
CMU Mortar	41	BFI-053-111-034-41	Church 1 Basement	1000(SF)
Sheet Flooring 3	42	BFI-053-111-034-42	Church 1 Lobby East	2000(SF)
Ceiling Texture C 1 Popcorn Ceiling	43	BFI-053-111-034-43	Church 1 Lobby East	500(SF)
Ceiling Texture C 2	44	BFI-053-111-034-44	Church 1 Lobby Center	500(SF)
Ceiljng Texture C 3	45	BFI-053-111-034-45	Church 1 Lobby West	500(SF)
Duct Gasket	46	BFI-053-111-034-46	Church 1 North West	10(SF)
Chimney Mortar	47	BFI-053-111-034-47	Church 1 Fireplace	180(SF)
Sheet Flooring 4	48	BFI-053-111-034-48	Church 1 First Floor Storage	500(SF)
Sheet Flooring 5	49	BFI-053-111-034-49	Church 1 Kitchen	300(SF)
Sheet Flooring 6	50	BFI-053-111-034-50	Church 1 Room 2 Throughout	500(SF)
Transite Pipe	51	BFI-053-111-034-51	Church 1 Room 2 South West	10(LF)
Concrete	52	BFI-053-111-034-52	Kitchen Foundation	300(SF)
Asphalt Shingle	53	BFI-053-111-034-53	Kitchen Exterior	300(SF)
Stucco	54	BFI-053-111-034-54	Kitchen Exterior	500(SF)
Concrete	55	BFI-053-111-034-55	Church 2 Foundation	700(SF)
Stucco	56	BFI-053-111-034-56	Church 2 Exterior	800(SF)
Cementitious Siding	57	BFI-053-111-034-57	Church 2 Exterior	700(SF)

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

Suspect Material	SAMPLE #	SAMPLE ID	Material Location	Quantity (SF/LF)
Stucco on Concrete	58	BFI-053-111-034-58	Church 2 Exterior	400(SF)
Firebrick Mortar	59	BFI-053-111-034-59	Church 2 Fireplace	15(SF)
Red Brick Mortar	60	BFI-053-111-034-60	Church 2 Fireplace	150(SF)
Stucco on Brick Mortar	61	BFI-053-111-034-61	Church 2 Fireplace	15(SF)
Asphalt Shingle	62	BFI-053-111-034-62	Church 2 Exterior	700(SF)
Plaster	63	BFI-053-111-034-63	Church 2 Throughout	700(SF)
Drywall and Joint Compound	64	BFI-053-111-034-64	Church 2 Throughout	700(SF)
Sheet Flooring	65	BFI-053-111-034-65	Church 2 West	200(SF)
Cementitious Pipe	66	BFI-053-111-034-66	Church 2 West	20(LF)
Tile Bed and Grout Ceramic	67	BFI-053-111-034-67	Church 2 Bathroom	30(SF)
Concrete	68	BFI-053-111-034-68	Garage Foundation	350(SF)
Asphalt Shingle	69	BFI-053-111-034-69	Garage Exterior	350(SF)
Drywall and Joint Compound	70	BFI-053-111-034-70	Garage Throughout	350(SF)
Carpet Adhesive Yellow	71	BFI-053-111-034-71	Garage Throughout	350(SF)
Dark Drywall Texture	72	BFI-053-111-034-72	Garage Throughout	350(SF)
CMU Mortar	73	BFI-053-111-034-73	Garage North East	100(SF)

Materials Marked: [X] Yes [ ] No [ ] NA Paint Color: Pink

OTHER NOTES ON THE PROPERTY:

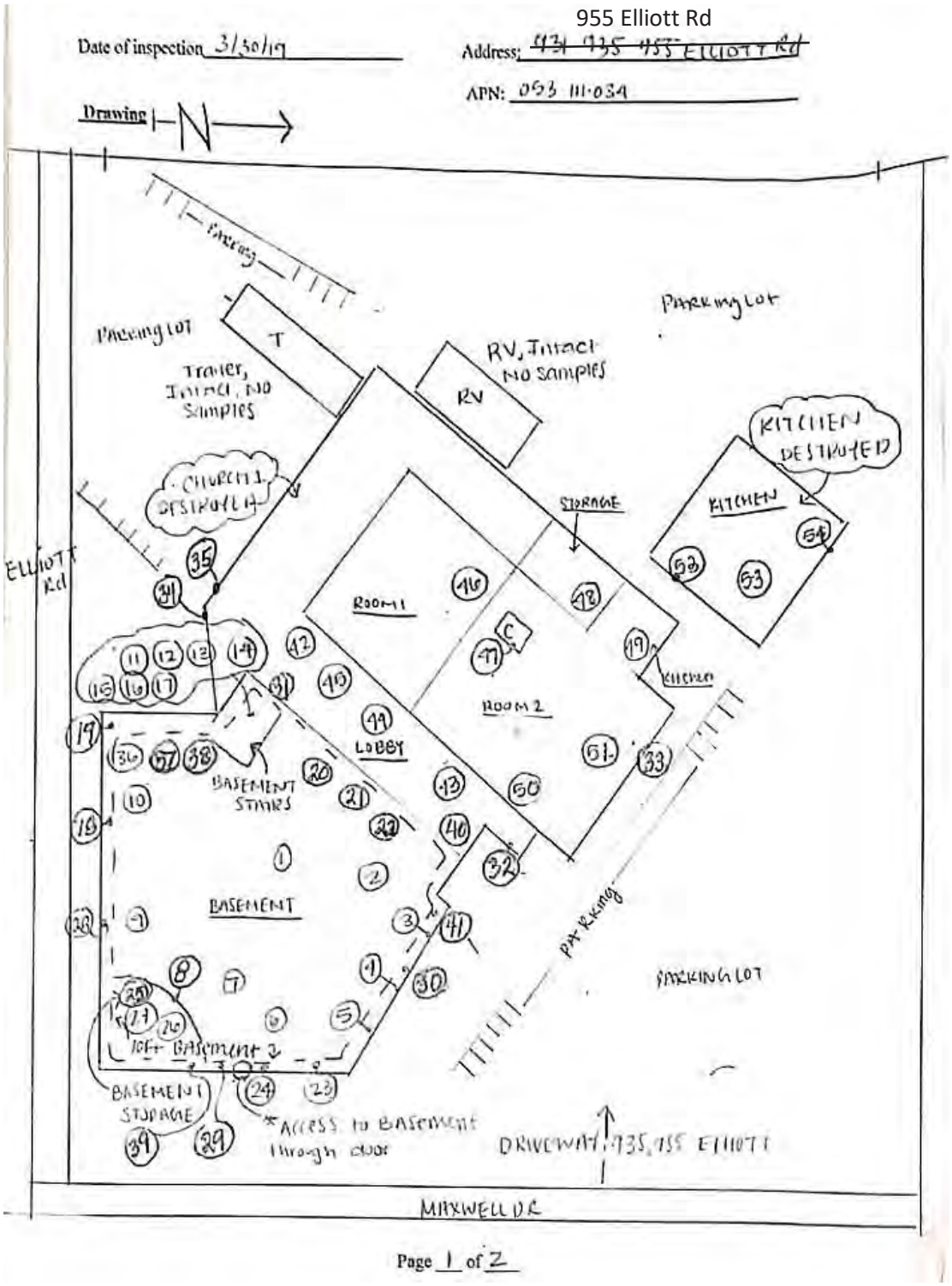
Sheet flooring 3 and ceiling texture C marked pink in Church 1 lobby, sheet flooring 6 marked in Church 1 Room 2

Parcel includes addresses 931, 935, and 955 Elliott Rd.

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

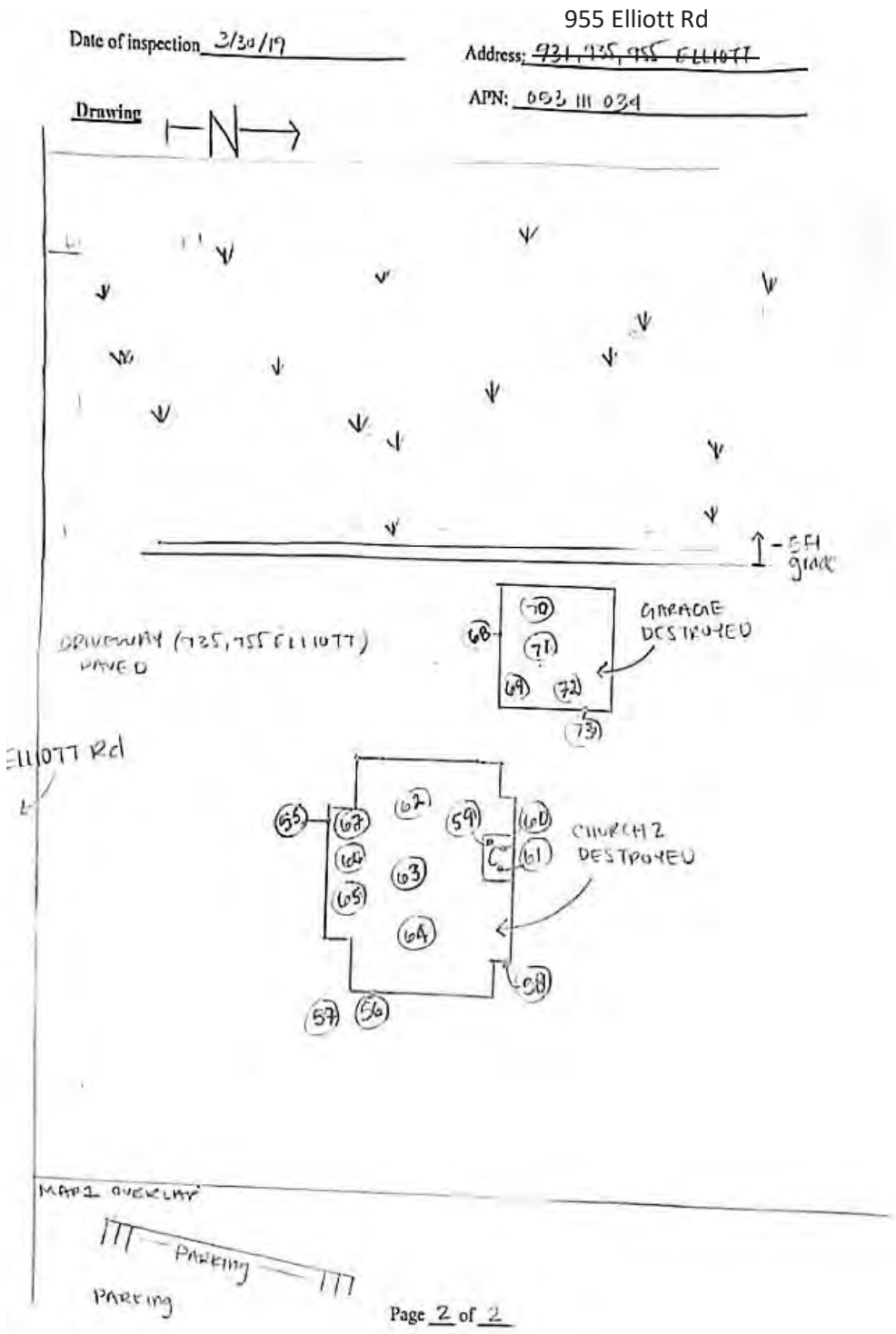
Property Drawing:



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

Property Drawing:



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

Property Overview Photo:

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

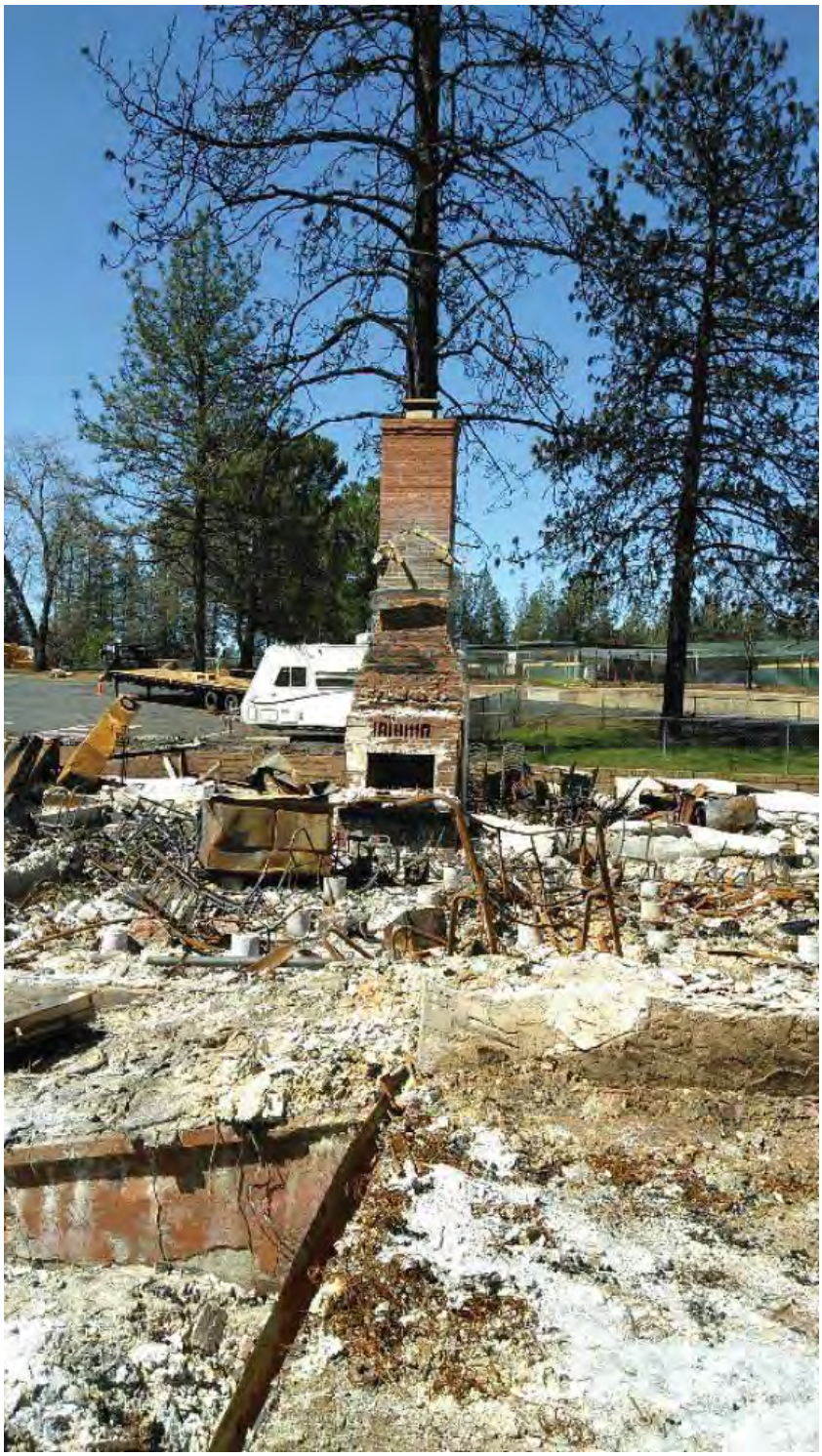
APN: 053-111-034

NESHAP Walls Photo:

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

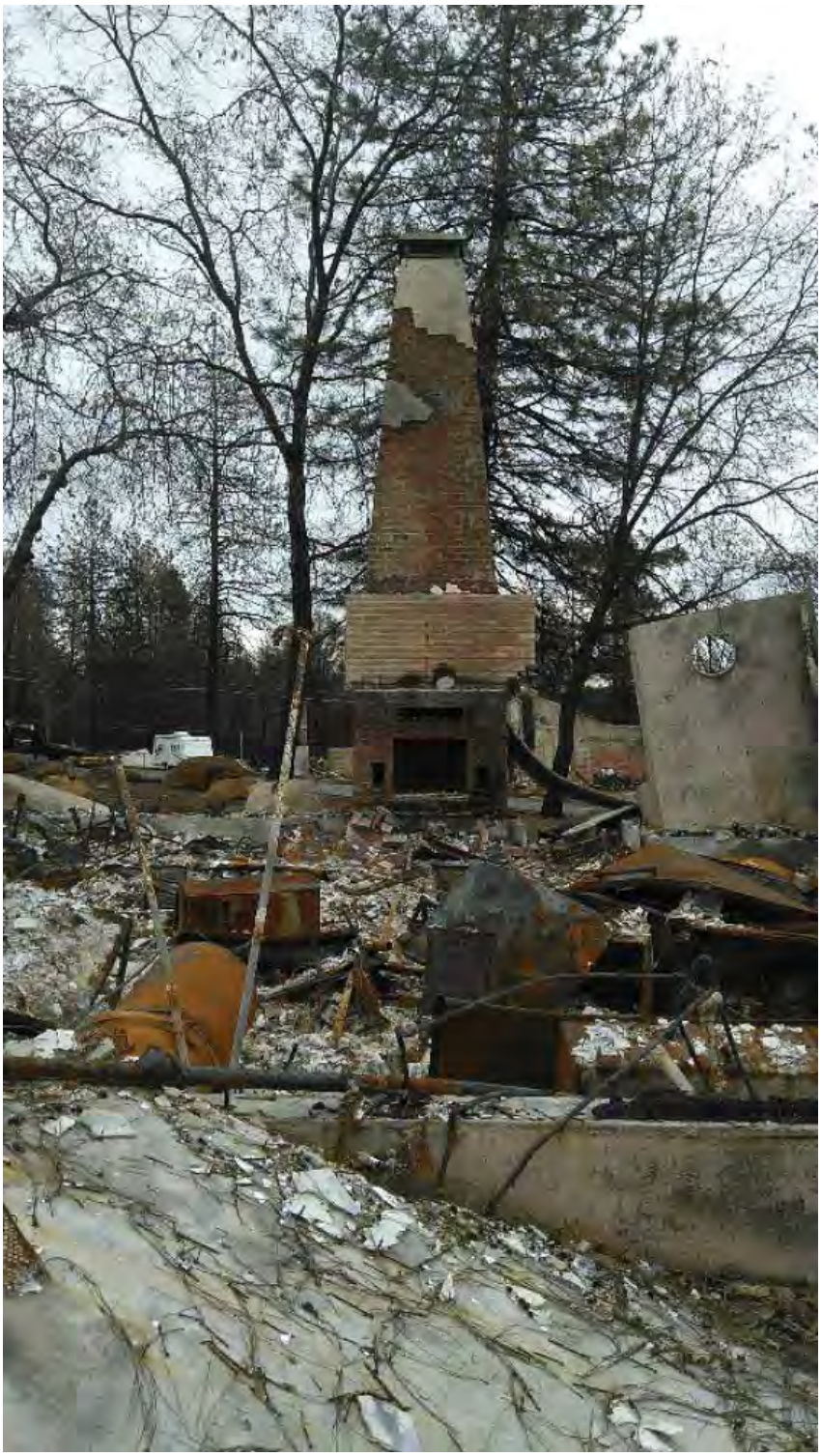
Chimney Photo:



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

Chimney Photo:



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

STRUCTURE 1 OVERVIEW PHOTO: Church 1	
Notes:	

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

STRUCTURE 2 OVERVIEW PHOTO: Kitchen	
Notes:	

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

STRUCTURE 3 OVERVIEW PHOTO: RV	
Notes:	

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

STRUCTURE 4 OVERVIEW PHOTO: Trailer	
Notes:	

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

STRUCTURE 5 OVERVIEW PHOTO: Church 2	
Notes:	

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

STRUCTURE 6 OVERVIEW PHOTO: Garage	
Notes:	

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Center - BFI-053-111-034-01

Suspect Material: Sheet Flooring 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement East - BFI-053-111-034-02

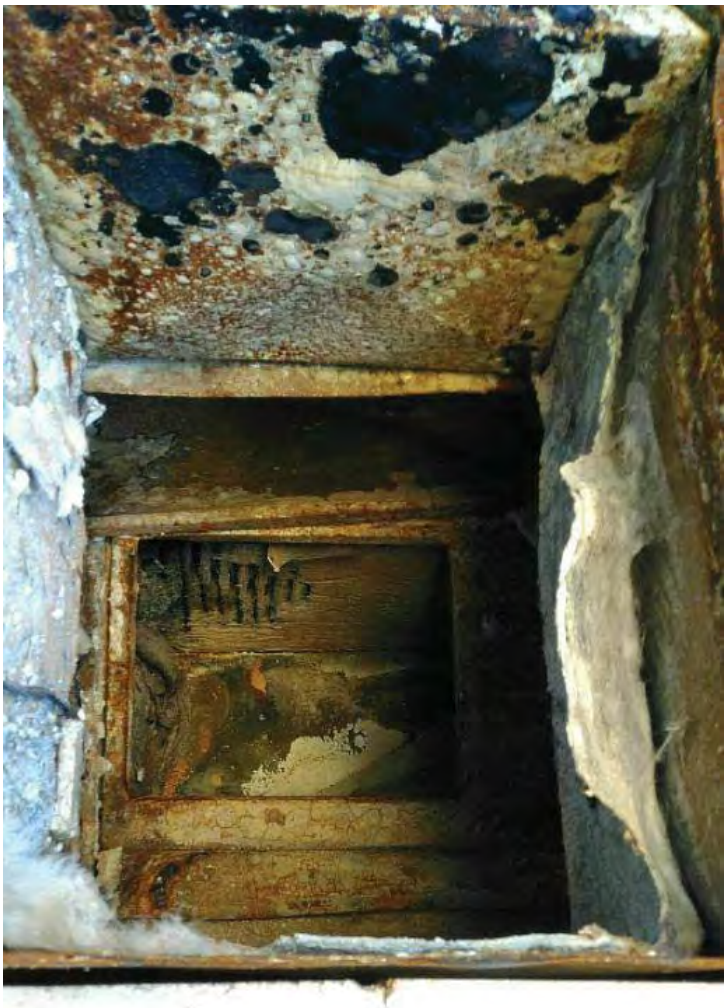
Suspect Material: Sheet Flooring 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Ducts - BFI-053-111-034-03

Suspect Material: Duct Liner Coating 1



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Ducts - BFI-053-111-034-04

Suspect Material: Duct Liner Coating 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Ducts - BFI-053-111-034-05

Suspect Material: Duct Liner Coating 3

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Throughout - BFI-053-111-034-06

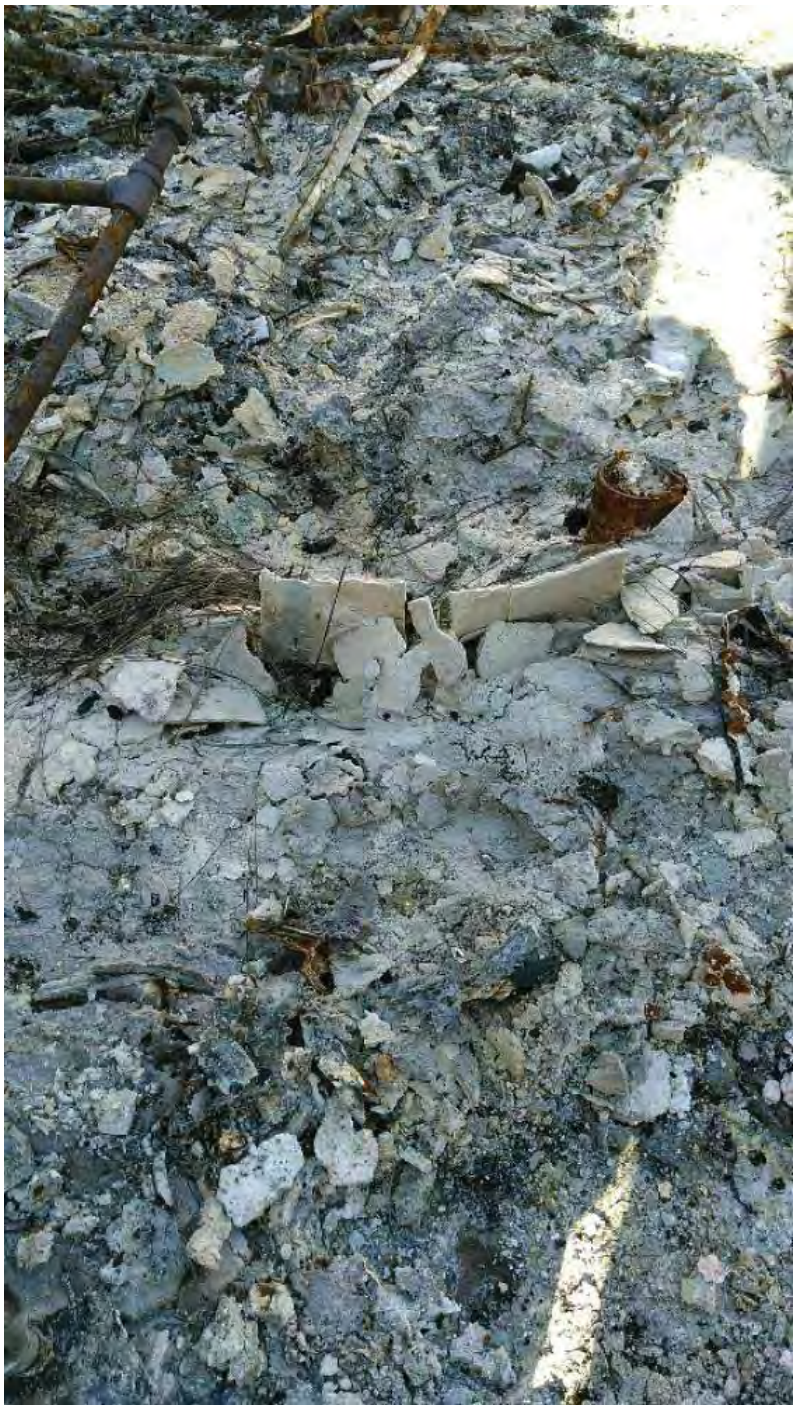
Suspect Material: Wall Texture

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Throughout - BFI-053-111-034-07

Suspect Material: Drywall and Joint Compound



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Doors - BFI-053-111-034-08

Suspect Material: Door Caulking

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement South - BFI-053-111-034-09

Suspect Material: Carpet Adhesive

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement West - BFI-053-111-034-10

Suspect Material: Ceiling Tile

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Stairs - BFI-053-111-034-11

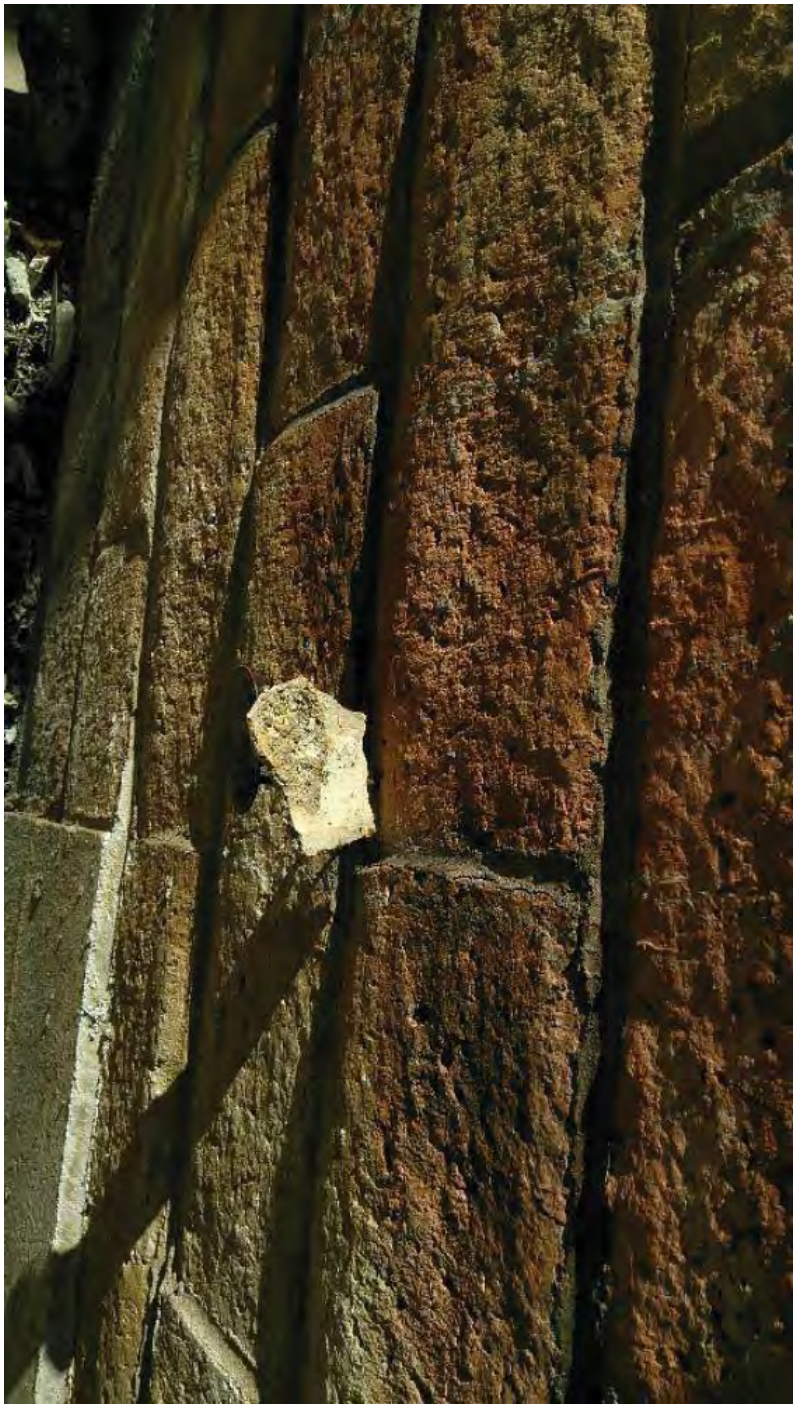
Suspect Material: Ceiling Texture B 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Stairs - BFI-053-111-034-12

Suspect Material: Ceiling Texture B 2

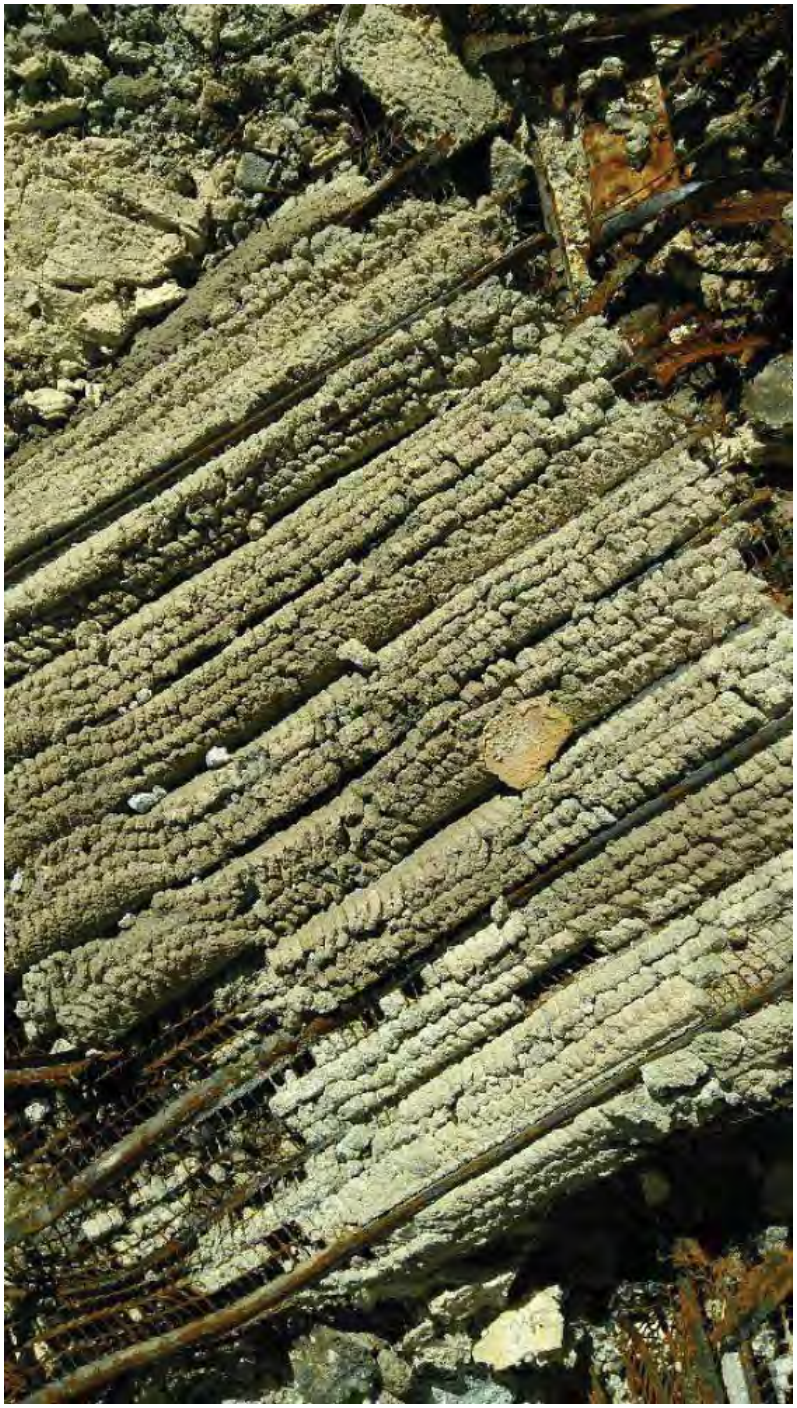


Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Stairs - BFI-053-111-034-13

Suspect Material: Ceiling Texture B 3



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Stairs - BFI-053-111-034-14

Suspect Material: Cementitious Board

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Stairs - BFI-053-111-034-15

Suspect Material: Interior Stucco 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Stairs - BFI-053-111-034-16

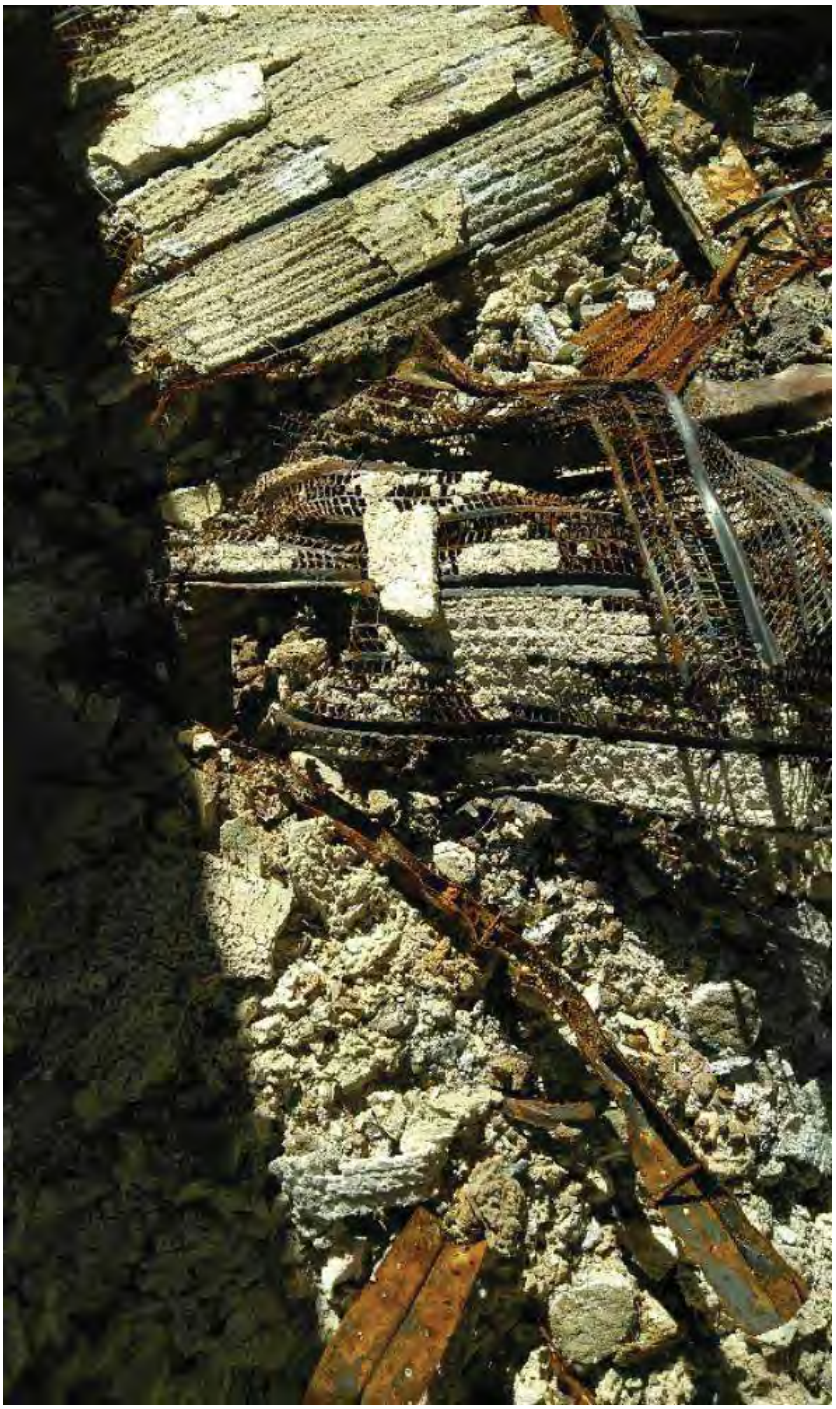
Suspect Material: Interior Stucco 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Stairs - BFI-053-111-034-17

Suspect Material: Interior Stucco 3

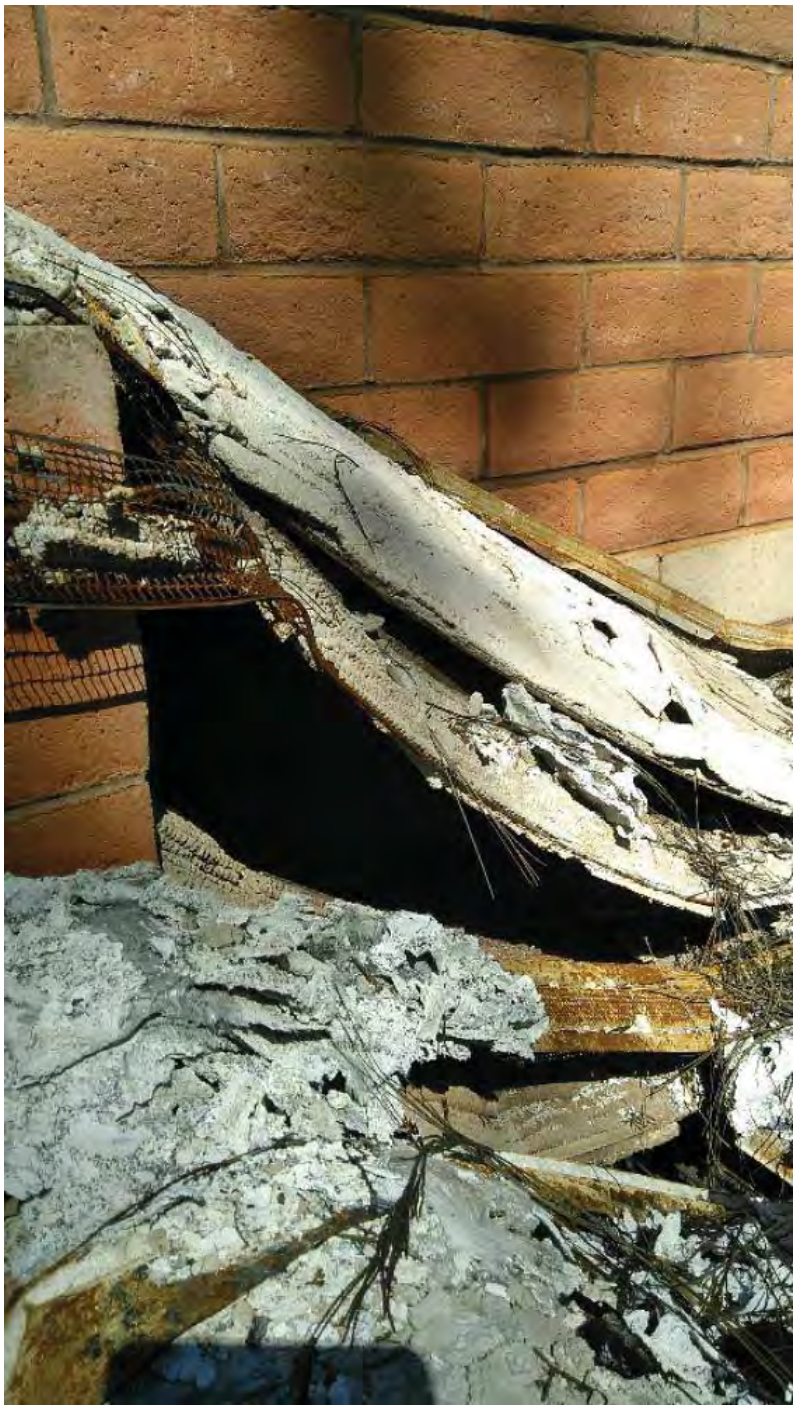


Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Exterior Walkway South - BFI-053-111-034-18

Suspect Material: Interior Stucco 4



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Exterior South - BFI-053-111-034-19

Suspect Material: Interior Stucco 5

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement North - BFI-053-111-034-20

Suspect Material: Gunite 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement North - BFI-053-111-034-21

Suspect Material: Gunite 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement North - BFI-053-111-034-22

Suspect Material: Gunite 3

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Walls Above Basement - BFI-053-111-034-23

Suspect Material: Sump Stone Mortar

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Windows - BFI-053-111-034-24

Suspect Material: Caulking

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Storage - BFI-053-111-034-25

Suspect Material: Ceiling Texture A 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Storage - BFI-053-111-034-26

Suspect Material: Ceiling Texture A 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement Storage - BFI-053-111-034-27

Suspect Material: Ceiling Texture A 3

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement South - BFI-053-111-034-28

Suspect Material: Skim Coat White 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement East - BFI-053-111-034-29

Suspect Material: Skim Coat White 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement North East - BFI-053-111-034-30

Suspect Material: Skim Coat White 3

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Exterior Basement by Basement Stairs - BFI-053-111-034-31

Suspect Material: Exterior Stucco 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Exterior South - BFI-053-111-034-32

Suspect Material: Exterior Stucco 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Exterior South - BFI-053-111-034-33

Suspect Material: Exterior Stucco 3

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Exterior East - BFI-053-111-034-34

Suspect Material: Exterior Stucco 4

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Exterior East - BFI-053-111-034-35

Suspect Material: Exterior Stucco 5

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement West - BFI-053-111-034-36

Suspect Material: Skim Coat Pink 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement West - BFI-053-111-034-37

Suspect Material: Skim Coat Pink 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement West - BFI-053-111-034-38

Suspect Material: Skim Coat Pink 3

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Exterior - BFI-053-111-034-39

Suspect Material: Asphalt Shingle

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Foundation - BFI-053-111-034-40

Suspect Material: Concrete

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Basement - BFI-053-111-034-41

Suspect Material: CMU Mortar

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Lobby East - BFI-053-111-034-42

Suspect Material: Sheet Flooring 3

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Lobby East - BFI-053-111-034-43

Suspect Material: Ceiling Texture C 1

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Lobby Center - BFI-053-111-034-44

Suspect Material: Ceiling Texture C 2

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Lobby West - BFI-053-111-034-45

Suspect Material: Ceiljng Texture C 3

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 North West - BFI-053-111-034-46

Suspect Material: Duct Gasket

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Fireplace - BFI-053-111-034-47

Suspect Material: Chimney Mortar

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 First Floor Storage - BFI-053-111-034-48

Suspect Material: Sheet Flooring 4

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Kitchen - BFI-053-111-034-49

Suspect Material: Sheet Flooring 5

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Room 2 Throughout - BFI-053-111-034-50

Suspect Material: Sheet Flooring 6

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 1 - Church 1 Room 2 South West - BFI-053-111-034-51

Suspect Material: Transite Pipe

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 2 - Kitchen Foundation - BFI-053-111-034-52

Suspect Material: Concrete

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 2 - Kitchen Exterior - BFI-053-111-034-53

Suspect Material: Asphalt Shingle

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 2 - Kitchen Exterior - BFI-053-111-034-54

Suspect Material: Stucco

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Foundation - BFI-053-111-034-55

Suspect Material: Concrete

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Exterior - BFI-053-111-034-56

Suspect Material: Stucco

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Exterior - BFI-053-111-034-57

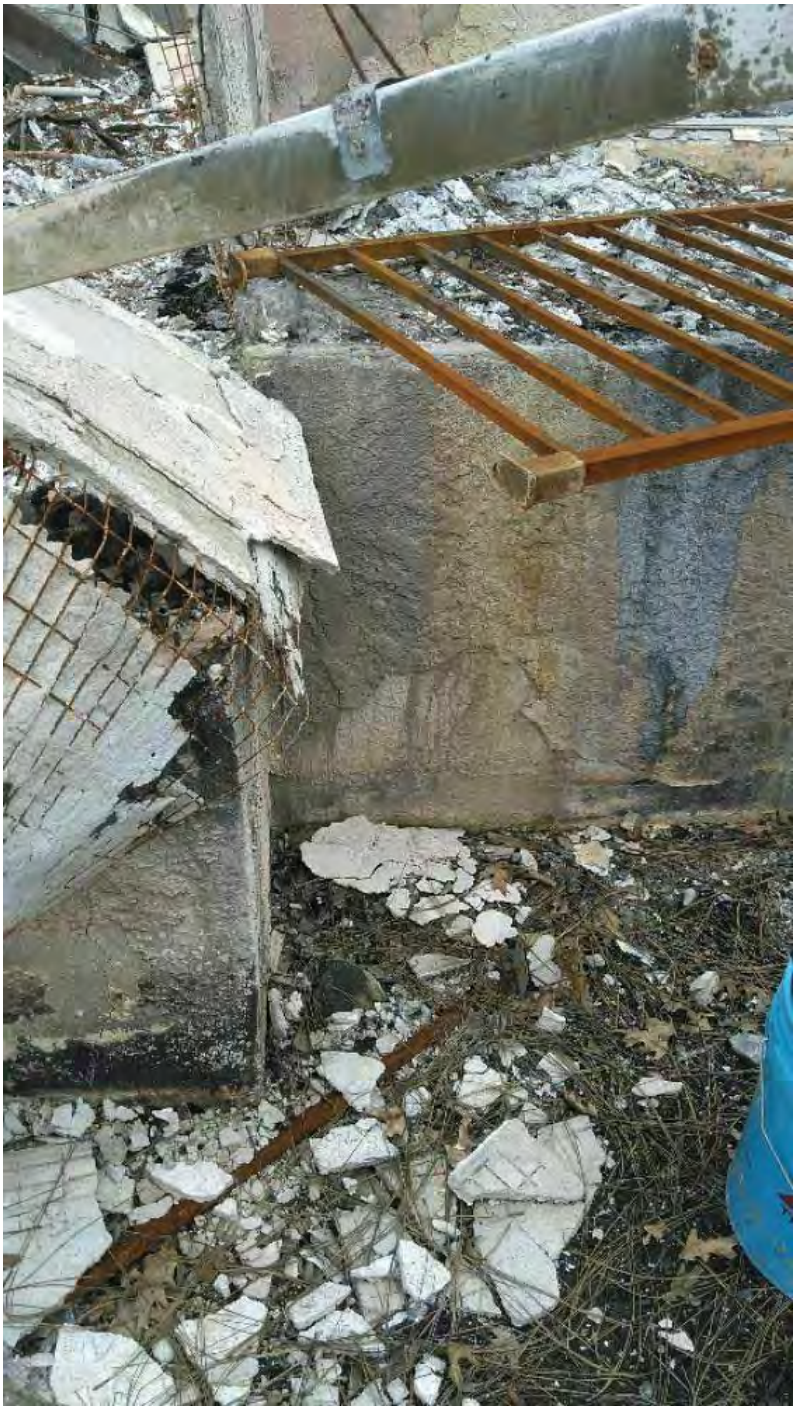
Suspect Material: Cementitious Siding

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Exterior - BFI-053-111-034-58

Suspect Material: Stucco on Concrete



Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Fireplace - BFI-053-111-034-59

Suspect Material: Firebrick Mortar

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Fireplace - BFI-053-111-034-60

Suspect Material: Red Brick Mortar

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Fireplace - BFI-053-111-034-61

Suspect Material: Stucco on Brick Mortar

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Exterior - BFI-053-111-034-62

Suspect Material: Asphalt Shingle

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Throughout - BFI-053-111-034-63

Suspect Material: Plaster

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Throughout - BFI-053-111-034-64

Suspect Material: Drywall and Joint Compound

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 West - BFI-053-111-034-65

Suspect Material: Sheet Flooring

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 West - BFI-053-111-034-66

Suspect Material: Cementitious Pipe

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 5 - Church 2 Bathroom - BFI-053-111-034-67

Suspect Material: Tile Bed and Grout

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 6 - Garage Foundation - BFI-053-111-034-68

Suspect Material: Concrete

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 6 - Garage Exterior - BFI-053-111-034-69

Suspect Material: Asphalt Shingle

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 6 - Garage Throughout - BFI-053-111-034-70

Suspect Material: Drywall and Joint Compound

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 6 - Garage Throughout - BFI-053-111-034-71

Suspect Material: Carpet Adhesive

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 6 - Garage Throughout - BFI-053-111-034-72

Suspect Material: Dark Drywall Texture

Date of Inspection: 3/30/2019 Address: 955 Elliott Rd Paradise CA 95969

APN: 053-111-034

SAMPLE PHOTO: STRUCTURE 6 - Garage North East - BFI-053-111-034-73

Suspect Material: CMU Mortar

Camp Fire Incident

Property Report | Butte County, California

Asbestos Chimney Form

CAMP FIRE INCIDENT ASBESTOS CHIMNEY TIPPING SURVEY

TIP Date: April 15, 2019

APN: 053-111-034

Inspector (Print and Sign)

Doug Colley

Address

955 ELLIOTT ROAD

PARADISE

CONTRACTOR

SUKUT – DEBRIS CREW

TFL NAME

STEPHANIE FAIRLEE

Chimney
2 chimneys down. No new materials suspect
for containing asbestos observed!
4/15/19

Clear for Debris Removal (YES) (NO)

ABATEMENT DATE:

NOTES:

Camp Fire Incident

Property Report | Butte County, California

Asbestos Survey Results

J3 Resources, Inc.
6110 W. 34th Street, Houston, Texas 77092
Phone: (713) 290-0221 - Fax: (713) 290-0248
J3Resources.com

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)

EPA 600/M4-82-020; 600/R-93/116

Lona Pearson
Tetra Tech Inc.
2696 Prospect Park Drive, Suite 100
Rancho Cordova CA 95670

J3 Order #: JH19107532
Project #: 105S007003
Date Received: 03-Apr-2019
Date Analyzed: 03-Apr-2019
Date Reported: 03-Apr-2019

Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents		Non-Asbestos Constituents	
BFI-053-111-034-01	Sheet Flooring, Tan/ Gray, Homogeneous	None Detected		Mineral Wool Non-Fibrous Material	70% 30%
BFI-053-111-034-02	Sheet Flooring, Brown/ Beige, Homogeneous	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	10% <1 90%
BFI-053-111-034-03	Duct Liner Coating, White, Homogeneous	None Detected		Fibrous Glass Non-Fibrous Material	10% 90%
BFI-053-111-034-04	Duct Liner Coating, White/ Gray, Homogeneous	None Detected		Fibrous Glass Non-Fibrous Material	10% 90%
BFI-053-111-034-05	Duct Liner Coating, White/ Gray, Homogeneous	None Detected		Fibrous Glass Non-Fibrous Material	10% 90%
BFI-053-111-034-06	Wall Texture, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-07	LAYER 1 Joint Compound, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Drywall, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-08	Door Caulk, Gray, Homogeneous	Chrysotile	2%	Non-Fibrous Material	98%
BFI-053-111-034-09	Carpet Adhesive, Yellow/ Black, Homogeneous	None Detected		Non-Fibrous Material	100%

Anh Phung Analyst

Scott Ward, Ph.D. Lab Director

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NVLAP Lab Code: 200525-0 **TDSHS License: 30-0273**

J3 Resources, Inc.
6110 W. 34th Street, Houston, Texas 77092
Phone: (713) 290-0221 - Fax: (713) 290-0248
J3Resources.com

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)

EPA 600/M4-82-020; 600/R-93/116

Lona Pearson
Tetra Tech Inc.
2696 Prospect Park Drive, Suite 100
Rancho Cordova CA 95670

J3 Order #: JH19107532
Project #: 105S007003
Date Received: 03-Apr-2019
Date Analyzed: 03-Apr-2019
Date Reported: 03-Apr-2019

Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents		Non-Asbestos Constituents	
BFI-053-111-034-10	Ceiling Tile, White/ Gray, Homogeneous	None Detected		Mineral Wool	70%
				Non-Fibrous Material	30%
BFI-053-111-034-11	Ceiling Texture, Beige, Homogeneous	Chrysotile	2%	Non-Fibrous Material	98%
BFI-053-111-034-12	Ceiling Texture, Beige, Homogeneous	Chrysotile	2%	Non-Fibrous Material	98%
BFI-053-111-034-13	Ceiling Texture, Beige, Homogeneous	Chrysotile	2%	Non-Fibrous Material	98%
BFI-053-111-034-14	Cementitious Board, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-15	LAYER 1 Stucco, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Stucco, Lt. Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-16	LAYER 1 Stucco, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Stucco, Lt. Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-17	LAYER 1 Stucco, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Stucco, Lt. Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-18	LAYER 1 Stucco, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Stucco, Lt. Gray, Homogeneous	None Detected		Non-Fibrous Material	100%

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Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)

EPA 600/M4-82-020; 600/R-93/116

Lona Pearson
Tetra Tech Inc.
2696 Prospect Park Drive, Suite 100
Rancho Cordova CA 95670

J3 Order #: JH19107532
Project #: 105S007003
Date Received: 03-Apr-2019
Date Analyzed: 03-Apr-2019
Date Reported: 03-Apr-2019

Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents		Non-Asbestos Constituents	
BFI-053-111-034-19	LAYER 1 Stucco, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Stucco, Lt. Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-20	Gunite, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-21	Gunite, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-22	Gunite, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-23	Stone Mortar, Tan/ Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-24	Caulk, Off White, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-25	LAYER 1 Ceiling Texture, Gray, Homogeneous	Chrysotile	2%	Non-Fibrous Material	98%
	LAYER 2 Drywall, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-26	LAYER 1 Ceiling Texture, Gray, Homogeneous	Chrysotile	2%	Non-Fibrous Material	98%
	LAYER 2 Drywall, White, Homogeneous	None Detected		Fibrous Glass Non-Fibrous Material	2% 98%
BFI-053-111-034-27	Ceiling Texture, Gray, Homogeneous No Drywall Present	Chrysotile	2%	Non-Fibrous Material	98%
BFI-053-111-034-28	Skim Coat, White/ Brown, Homogeneous	None Detected		Non-Fibrous Material	100%

Anh Phung Analyst

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EPA 600/M4-82-020; 600/R-93/116

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2696 Prospect Park Drive, Suite 100
Rancho Cordova CA 95670

J3 Order #: JH19107532
Project #: 105S007003
Date Received: 03-Apr-2019
Date Analyzed: 03-Apr-2019
Date Reported: 03-Apr-2019

Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	
BFI-053-111-034-29	Skim Coat, White/ Brown, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-30	Skim Coat, White/ Brown, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-31	Exterior Stucco, Beige, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-32	Exterior Stucco, Beige/ Gray, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-33	Exterior Stucco, Beige/ Gray, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-34	Exterior Stucco, Beige/ Gray, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-35	Exterior Stucco, Beige/ Gray, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-36	Skim Coat, Gray, Homogeneous	None Detected	Wollastonite Non-Fibrous Material	5% 95%
BFI-053-111-034-37	Skim Coat, Gray, Homogeneous	None Detected	Wollastonite Non-Fibrous Material	5% 95%
BFI-053-111-034-38	Skim Coat, Gray, Homogeneous	None Detected	Wollastonite Non-Fibrous Material	5% 95%
BFI-053-111-034-39	Asphalt Shingle, Black, Homogeneous	None Detected	Fibrous Glass Non-Fibrous Material	30% 70%

Anh Phung Analyst

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J3 Order #: JH19107532
Project #: 105S007003
Date Received: 03-Apr-2019
Date Analyzed: 03-Apr-2019
Date Reported: 03-Apr-2019

Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents		Non-Asbestos Constituents	
BFI-053-111-034-40	Concrete, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-41	CMU Mortar, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-42	Sheet Flooring, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-43	Ceiling Texture, White, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-44	Ceiling Texture, White, Homogeneous	Chrysotile	2%	Non-Fibrous Material	98%
BFI-053-111-034-45	Ceiling Texture, White, Homogeneous	Chrysotile	2%	Non-Fibrous Material	98%
BFI-053-111-034-46	Duct Gasket, Orange, Homogeneous	Chrysotile	60%	Non-Fibrous Material	40%
BFI-053-111-034-47	Chimney Mortar, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-48	Sheet Flooring, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-49	Sheet Flooring, Tan/ Black, Homogeneous	None Detected		Fibrous Glass Non-Fibrous Material	15% 85%
BFI-053-111-034-50	Sheet Flooring, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-51	Transite Pipe, Pink/ Beige, Homogeneous	Chrysotile	10%	Non-Fibrous Material	90%

Anh Phung Analyst

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J3 Order #: JH19107532
Project #: 105S007003
Date Received: 03-Apr-2019
Date Analyzed: 03-Apr-2019
Date Reported: 03-Apr-2019

Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents		Non-Asbestos Constituents	
BFI-053-111-034-52	Concrete, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-53	Asphalt Shingle, White/ Gray, Homogeneous	None Detected		Fibrous Glass Non-Fibrous Material	15% 85%
BFI-053-111-034-54	Stucco, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-55	Concrete, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-56	Stucco, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-57	Cementitious Siding, Gray, Homogeneous	Chrysotile	20%	Non-Fibrous Material	80%
BFI-053-111-034-58	LAYER 1 Stucco, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Concrete, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-59	Fire Brick Mortar, Brown, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-60	Brick Mortar, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-61	LAYER 1 Stucco, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Brick Mortar, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%

Anh Phung Analyst

Scott Ward, Ph.D. Lab Director

This report relates only to the materials tested. This report is for the exclusive use of the addressed client and shall not be reproduced except in full, without written approval by J3 Resources, Inc. (J3). Samples are analyzed according to the methods listed above and are subject to the inherent limitations of PLM and interference of matrix components. Reporting limit for the above method is a function of the quantity of sample analyzed, matrix interference, sample preparation, fiber size, and distribution. Asbestos may be detected in concentrations of <1% by area if sufficient material is analyzed. J3 recommends TEM confirmation of soils, vermiculite and non-friable organically bound materials (NOB) reported as None Detected or < 1% Asbestos by PLM. All samples received in good condition unless otherwise noted. This report shall not be used to claim product approval, certification, or endorsement by NVLAP, NIST, or any agency of the federal government.

NVLAP Lab Code: 200525-0 **TDSHS License: 30-0273**

J3 Resources, Inc.
6110 W. 34th Street, Houston, Texas 77092
Phone: (713) 290-0221 - Fax: (713) 290-0248
J3Resources.com

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)

EPA 600/M4-82-020; 600/R-93/116

Lona Pearson
Tetra Tech Inc.
2696 Prospect Park Drive, Suite 100
Rancho Cordova CA 95670

J3 Order #: JH19107532
Project #: 105S007003
Date Received: 03-Apr-2019
Date Analyzed: 03-Apr-2019
Date Reported: 03-Apr-2019

Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents		Non-Asbestos Constituents	
BFI-053-111-034-62	Asphalt Shingle, White/ Gray, Homogeneous	None Detected		Fibrous Glass Non-Fibrous Material	15% 85%
BFI-053-111-034-63	Plaster, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-64	LAYER 1 Joint Compound, White, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Drywall, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-65	Sheet Flooring, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-66	Cementitious Pipe, Gray, Homogeneous	Chrysotile	10%	Non-Fibrous Material	90%
BFI-053-111-034-67	LAYER 1 Tile Bed, Tan, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Tile Bed, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-68	Concrete, Gray, Homogeneous	None Detected		Non-Fibrous Material	100%
BFI-053-111-034-69	Asphalt Shingle, White/ Gray, Homogeneous	None Detected		Fibrous Glass Non-Fibrous Material	15% 85%
BFI-053-111-034-70	LAYER 1 Joint Compound, White, Homogeneous	None Detected		Non-Fibrous Material	100%
	LAYER 2 Drywall, Beige, Homogeneous	None Detected		Non-Fibrous Material	100%

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NVLAP Lab Code: 200525-0 **TDSHS License: 30-0273**

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6110 W. 34th Street, Houston, Texas 77092
Phone: (713) 290-0221 - Fax: (713) 290-0248
J3Resources.com

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)

EPA 600/M4-82-020; 600/R-93/116

Lona Pearson
Tetra Tech Inc.
2696 Prospect Park Drive, Suite 100
Rancho Cordova CA 95670

J3 Order #: JH19107532
Project #: 105S007003
Date Received: 03-Apr-2019
Date Analyzed: 03-Apr-2019
Date Reported: 03-Apr-2019

Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	
BFI-053-111-034-71	Carpet Adhesive, Yellow, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-72	LAYER 1 Texture, White, Homogeneous	None Detected	Non-Fibrous Material	100%
	LAYER 2 Drywall, Beige, Homogeneous	None Detected	Non-Fibrous Material	100%
BFI-053-111-034-73	CMU Mortar, Gray, Homogeneous	None Detected	Non-Fibrous Material	100%

Anh Phung Analyst

Scott Ward, Ph.D. Lab Director

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NVLAP Lab Code: 200525-0 **TDSHS License: 30-0273**

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6110 W. 34th Street, Houston, Texas 77092
Phone: (713) 290-0221 - Fax: (713) 290-0248
J3Resources.com

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
EPA 600/M4-82-020; 600/R-93/116 - Point Count Method

Lona Pearson
Tetra Tech Inc.
2696 Prospect Park Drive, Suite 100
Rancho Cordova CA 95670

J3 Order #: JH19107645
Project #: 105S007003
Date Received: 04-Apr-2019
Date Analyzed: 05-Apr-2019
Date Reported: 05-Apr-2019

PC-JH19107532-Camp Fire PLM: 053-111-034, 955 ELLIOTT RD PARADISE CA 95969

Sample ID #	Sample Description	Asbestos Constituents		Non-Asbestos Constituents	
BFI-053-111-034-11 400 Pt. POINT COUNT	Ceiling Texture, White, Homogeneous	Chrysotile	0.50%	Non-Fibrous Material	99.50%
BFI-053-111-034-12 400 pt. POINT COUNT	Ceiling Texture, White, Homogeneous	Chrysotile	0.25%	Non-Fibrous Material	99.75%
BFI-053-111-034-13 400 pt. POINT COUNT	Ceiling Texture, White, Homogeneous	Chrysotile	<0.25%	Non-Fibrous Material	100%
BFI-053-111-034-25 LAYER 1 400 Pt. POINT COUNT	Ceiling Texture, White, Homogeneous	Chrysotile	0.50%	Non-Fibrous Material	99.50%
BFI-053-111-034-26 LAYER 1 400 Pt. POINT COUNT	Wall Texture, Beige, Homogeneous	Chrysotile	0.50%	Non-Fibrous Material	99.50%
BFI-053-111-034-27 400 Pt. POINT COUNT	Wall Texture, Beige, Homogeneous	Chrysotile	0.75%	Non-Fibrous Material	99.25%
BFI-053-111-034-44 400 Pt. POINT COUNT	Ceiling Texture, White, Homogeneous	Chrysotile	0.25%	Non-Fibrous Material	99.75%
BFI-053-111-034-45 400 pt. POINT COUNT	Ceiling Texture, White, Homogeneous	Chrysotile	0.25%	Non-Fibrous Material	99.75%

Jovahnny Dominguez Analyst

Scott Ward, Ph.D. Lab Director

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NVLAP Lab Code: 200525-0 **TDSHS License: 30-0273**

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Accession Numbers

107532

CLIENT INFORMATION		SAMPLE		JOB SITE INFORMATION	
Company	Tetra Tech	**Date**	3/30/2019	**Site**	053-111-034
Sampler	Ted Ice	**Time**	10:13:00	**Address**	~~931,935~~,955 Elliott Rd Paradise CA 95969
Address	2696 Prospect Park Dr. St 100				
	Rancho Cordova, CA 95670			**Name**	Camp/Paradise Fire
Phone	916-997-8085	**Laboratory**		**Job#**	105S007003
Email	lona.pearson@tetratech.com	Chain-Of-Custody		**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*	___ Anderson	
___ 7-Day	___ TEM*	___ TCLP*		

Sample Number	Sample ID	Location	Description
1	BFI-053-111-034-01	Church 1 Basement Center	Sheet Flooring 1 Grey and Green
2	BFI-053-111-034-02	Church 1 Basement East	Sheet Flooring 2 Multi Layer, Under Carpet
3	BFI-053-111-034-03	Church 1 Basement Ducts	Duct Liner Coating 1
4	BFI-053-111-034-04	Church 1 Basement Ducts	Duct Liner Coating 2
5	BFI-053-111-034-05	Church 1 Basement Ducts	Duct Liner Coating 3
6	BFI-053-111-034-06	Church 1 Throughout	Wall Texture White
7	BFI-053-111-034-07	Church 1 Throughout	Drywall and Joint Compound
8	BFI-053-111-034-08	Church 1 Basement Doors	Door Caulking
9	BFI-053-111-034-09	Church 1 Basement South	Carpet Adhesive Yellow
10	BFI-053-111-034-10	Church 1 Basement West	Ceiling Tile
11	BFI-053-111-034-11	Church 1 Basement Stairs	Ceiling Texture B 1
12	BFI-053-111-034-12	Church 1 Basement Stairs	Ceiling Texture B 2
13	BFI-053-111-034-13	Church 1 Basement Stairs	Ceiling Texture B 3

* SEE STOP ON FIRST POSITIVE DIRECTION ON COC Page 6 of 6. (ESP)

Issues please call Lona Pearson 916.997.8085. Email results to: lona.pearson@tetratech.com; andre.baker@tetratech.com;

Special Instructions: Trina.Wetters@etratech.com; Chris.Burns@tetratech.com *(Stop on 1st positive as applicable per HA)*

Relinquished By (Client)	Date/Time	Relinquished By (Lab)	Date/Time
[signature]	4/2/19		
Received By (Lab)	**Date/Time**	**Received By (Client)**	**Date/Time**
[signature]	4/3/19 9am		

Total Number of Samples 73

COC Page # 1 of 6

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phase Contrast Microscopy | TEM* Transmission Electron Microscopy | TTLC* Total Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentration TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotopic Plate*

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Accession Numbers

CLIENT INFORMATION		SAMPLE		JOB SITE INFORMATION	
Company	Tetra Tech	**Date**	3/30/2019	**Site**	053-111-034
Sampler	Ted Ice	**Time**	10:13:00	**Address**	~~931,935~~,955 Elliott Rd Paradise CA 95969
Address	2696 Prospect Park Dr. St 100				
	Rancho Cordova, CA 95670			**Name**	Camp/Paradise Fire
Phone	916-997-8085	**Laboratory**		**Job#**	105S007003
Email	lona.pearson@tetratech.com	Chain-Of-Custody		**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*	___ Anderson	
___ 7-Day	___ TEM*	___ TCLP*		

Sample Number	Sample ID	Location	Description
14	BFI-053-111-034-14	Church 1 Basement Stairs	Cementitious Board
15	BFI-053-111-034-15	Church 1 Basement Stairs	Interior Stucco 1 Soffit
16	BFI-053-111-034-16	Church 1 Basement Stairs	Interior Stucco 2 Soffit
17	BFI-053-111-034-17	Church 1 Basement Stairs	Interior Stucco 3 Soffit
18	BFI-053-111-034-18	Church 1 Exterior Walkway South	Interior Stucco 4 soffit
19	BFI-053-111-034-19	Church 1 Exterior South	Interior Stucco 5 Soffit
20	BFI-053-111-034-20	Church 1 Basement North	Gunite 1
21	BFI-053-111-034-21	Church 1 Basement North	Gunite 2
22	BFI-053-111-034-22	Church 1 Basement North	Gunite 3
23	BFI-053-111-034-23	Church 1 Walls Above Basement	Sump Stone Mortar
24	BFI-053-111-034-24	Church 1 Basement Windows	Caulking
25	BFI-053-111-034-25	Church 1 Basement Storage	Ceiling Texture A 1 Thin white texture on dark drywall
26	BFI-053-111-034-26	Church 1 Basement Storage	Ceiling Texture A 2 Thin white texture on dark drywall

Issues please call Lona Pearson 916.997.8085. Email results to: lona.pearson@tetratech.com; andre.baker@tetratech.com;

Special Instructions: Trina.Wetters@etratech.com; Chris.Burns@tetratech.com *(Stop on 1st positive as applicable per HA) See page 6 of 6

Relinquished By (Client)	Date/Time	Relinquished By (Lab)	Date/Time
Theo Ice	4/2/19		
Received By (Lab)	**Date/Time**	**Received By (Client)**	**Date/Time**

Total Number of Samples 73

COC Page # 2 of 6

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phase Contrast Microscopy | TEM* Transmission Electron Microscopy | TTCL* Total Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentration TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotropic Plate*

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Accession Numbers

CLIENT INFORMATION		SAMPLE		JOB SITE INFORMATION	
Company	Tetra Tech	**Date**	3/30/2019	**Site**	053-111-034
Sampler	Ted Ice	**Time**	10:13:00	**Address**	~~931,935~~,955 Elliott Rd Paradise CA 95969
Address	2696 Prospect Park Dr. St 100				
	Rancho Cordova, CA 95670			**Name**	Camp/Paradise Fire
Phone	916-997-8085	**Laboratory**		**Job#**	105S007003
Email	lona.pearson@tetratech.com	Chain-Of-Custody		**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*		Anderson		
	7-Day		TEM*		TCLP*				

Sample Number	Sample ID	Location	Description
27	BFI-053-111-034-27	Church 1 Basement Storage	Ceiling Texture A 3 Thin white texture on dark drywall
28	BFI-053-111-034-28	Church 1 Basement South	Skim Coat White 1 White
29	BFI-053-111-034-29	Church 1 Basement East	Skim Coat White 2 white
30	BFI-053-111-034-30	Church 1 Basement North East	Skim Coat White 3 White
31	BFI-053-111-034-31	Church 1 Exterior Basement by Basement Stairs	Exterior Stucco 1 Large Metal Mesh
32	BFI-053-111-034-32	Church 1 Exterior South	Exterior Stucco 2 Large Metal Mesh
33	BFI-053-111-034-33	Church 1 Exterior South	Exterior Stucco 3 Large Metal Mesh
34	BFI-053-111-034-34	Church 1 Exterior East	Exterior Stucco 4 White Metal Mesh
35	BFI-053-111-034-35	Church 1 Exterior East	Exterior Stucco 5 Large Metal Mesh
36	BFI-053-111-034-36	Church 1 Basement West	Skim Coat Pink 1 Pink
37	BFI-053-111-034-37	Church 1 Basement West	Skim Coat Pink 2 Pink
38	BFI-053-111-034-38	Church 1 Basement West	Skim Coat Pink 3 Pink
39	BFI-053-111-034-39	Church 1 Exterior	Asphalt Shingle Black

Issues please call Lona Pearson 916.997.8085. Email results to: lona.pearson@tetratech.com; andre.baker@tetratech.com;

Special Instructions: Trina.Wetters@etratech.com; Chris.Burns@tetratech.com *(Stop on 1st positive as applicable per HA) SEE PAGE 6 of 6

Relinquished By (Client)	Date/Time	Relinquished By (Lab)	Date/Time
Theodore Ice	4/2/19		
Received By (Lab)	**Date/Time**	**Received By (Client)**	**Date/Time**

Total Number of Samples 73

COC Page # 3 of 6

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phase Contrast Microscopy | TEM* Transmission Electron Microscopy | TTCL* Total Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentration TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotropic Plate*

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Accession Numbers

CLIENT INFORMATION		SAMPLE		JOB SITE INFORMATION	
Company	Tetra Tech	**Date**	3/30/2019	**Site**	053-111-034
Sampler	Ted Ice	**Time**	10:13:00	**Address**	~~931,935~~,955 Elliott Rd Paradise CA 95969
Address	2696 Prospect Park Dr. St 100				
	Rancho Cordova, CA 95670			**Name**	Camp/Paradise Fire
Phone	916-997-8085	**Laboratory**		**Job#**	105S007003
Email	lona.pearson@tetratech.com	Chain-Of-Custody		**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*	___ Anderson	
___ 7-Day	___ TEM*	___ TCLP*		

Sample Number	Sample ID	Location	Description
40	BFI-053-111-034-40	Church 1 Foundation	Concrete
41	BFI-053-111-034-41	Church 1 Basement	CMU Mortar
42	BFI-053-111-034-42	Church 1 Lobby East	Sheet Flooring 3
43	BFI-053-111-034-43	Church 1 Lobby East	Ceiling Texture C 1 popcorn ceiling
44	BFI-053-111-034-44	Church 1 Lobby Center	Ceiling Texture C 2
45	BFI-053-111-034-45	Church 1 Lobby West	Ceiljng Texture C 3
46	BFI-053-111-034-46	Church 1 North West	Duct Gasket
47	BFI-053-111-034-47	Church 1 Fireplace	Chimney Mortar
48	BFI-053-111-034-48	Church 1 First Floor Storage	Sheet Flooring 4
49	BFI-053-111-034-49	Church 1 Kitchen	Sheet Flooring 5
50	BFI-053-111-034-50	Church 1 Room 2 Throughout	Sheet Flooring 6
51	BFI-053-111-034-51	Church 1 Room 2 South West	Transite Pipe
52	BFI-053-111-034-52	Kitchen Foundation	Concrete

Issues please call Lona Pearson 916.997.8085. Email results to: lona.pearson@tetratech.com; andre.baker@tetratech.com;

Special Instructions: Trina.Wetters@etratech.com; Chris.Burns@tetratech.com * (Stop on 1st positive as applicable per HA) see page 6 of 6

Relinquished By (Client)	Date/Time	Relinquished By (Lab)	Date/Time
Theolnda	4/2/19		
Received By (Lab)	**Date/Time**	**Received By (Client)**	**Date/Time**

Total Number of Samples 73

COC Page # 4 of 6

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phase Contrast Microscopy | TEM* Transmission Electron Microscopy | TTLC* Total Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentration TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotopic Plate*

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Accession Numbers

CLIENT INFORMATION		SAMPLE		JOB SITE INFORMATION	
Company	Tetra Tech	**Date**	3/30/2019	**Site**	053-111-034
Sampler	Ted Ice	**Time**	10:13:00	**Address**	~~931,935~~,955 Elliott Rd Paradise CA 95969
Address	2696 Prospect Park Dr. St 100				
	Rancho Cordova, CA 95670			**Name**	Camp/Paradise Fire
Phone	916-997-8085	**Laboratory**		**Job#**	105S007003
Email	lona.pearson@tetratech.com	Chain-Of-Custody		**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*	___ Anderson	
___ 7-Day	___ TEM*	___ TCLP*		

Sample Number	Sample ID	Location	Description
53	BFI-053-111-034-53	Kitchen Exterior	Asphalt Shingle
54	BFI-053-111-034-54	Kitchen Exterior	Stucco
55	BFI-053-111-034-55	Church 2 Foundation	Concrete
56	BFI-053-111-034-56	Church 2 Exterior	Stucco
57	BFI-053-111-034-57	Church 2 Exterior	Cementitious Siding
58	BFI-053-111-034-58	Church 2 Exterior	Stucco on Concrete
59	BFI-053-111-034-59	Church 2 Fireplace	Firebrick Mortar
60	BFI-053-111-034-60	Church 2 Fireplace	Red Brick Mortar
61	BFI-053-111-034-61	Church 2 Fireplace	Stucco on Brick Mortar
62	BFI-053-111-034-62	Church 2 Exterior	Asphalt Shingle
63	BFI-053-111-034-63	Church 2 Throughout	Plaster
64	BFI-053-111-034-64	Church 2 Throughout	Drywall and Joint Compound
65	BFI-053-111-034-65	Church 2 West	Sheet Flooring

Issues please call Lona Pearson 916.997.8085. Email results to: lona.pearson@tetratech.com; andre.baker@tetratech.com;

Special Instructions: Trina.Wetters@etratech.com; Chris.Burns@tetratech.com * (Stop on 1st positive as applicable per HA) See Page 6 of 6

Relinquished By (Client)	Date/Time	Relinquished By (Lab)	Date/Time
[signature]	4/2/19		
Received By (Lab)	**Date/Time**	**Received By (Client)**	**Date/Time**
[signature]			

Total Number of Samples 73

COC Page # 5 of 6

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phase Contrast Microscopy | TEM* Transmission Electron Microscopy | TTCL* Total Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentration TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotopic Plate*

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Accession Numbers

CLIENT INFORMATION		SAMPLE		JOB SITE INFORMATION	
Company	Tetra Tech	**Date**	3/30/2019	**Site**	053-111-034
Sampler	Ted Ice	**Time**	10:13:00	**Address**	~~931,935~~,955 Elliott Rd Paradise CA 95969
Address	2696 Prospect Park Dr. St 100				
	Rancho Cordova, CA 95670			**Name**	Camp/Paradise Fire
Phone	916-997-8085	**Laboratory**		**Job#**	105S007003
Email	lona.pearson@tetratech.com	Chain-Of-Custody		**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*		Anderson	
	7-Day		TEM*		TCLP*			

Sample Number	Sample ID	Location	Description
66	BFI-053-111-034-66	Church 2 West	Cementitious Pipe
67	BFI-053-111-034-67	Church 2 Bathroom	Tile Bed and Grout ceramic
68	BFI-053-111-034-68	Garage Foundation	Concrete
69	BFI-053-111-034-69	Garage Exterior	Asphalt Shingle
70	BFI-053-111-034-70	Garage Throughout	Drywall and Joint Compound
71	BFI-053-111-034-71	Garage Throughout	Carpet Adhesive Yellow
72	BFI-053-111-034-72	Garage Throughout	Dark Drywall Texture
73	BFI-053-111-034-73	Garage North East	CMU Mortar

* Stop on first positive for Multi-Sample HA Groups;

HA SAMPLE Groups –

- 03 – 05
- 11 – 13
- 15 – 19
- 20 – 22
- 25 – 27
- 28 – 30
- 31 – 35
- 36 – 38
- 43 – 45

LSP

Issues please call Lona Pearson 916.997.8085. Email results to: lona.pearson@tetratech.com; andre.baker@tetratech.com;

Special Instructions: Trina.Wetters@etratech.com; Chris.Burns@tetratech.com (Stop on 1st positive as applicable per HA) *

Relinquished By (Client)	Date/Time	Relinquished By (Lab)	Date/Time
Theo Ice	4/2/19		
Received By (Lab)	**Date/Time**	**Received By (Client)**	**Date/Time**

Total Number of Samples 73

COC Page # 6 of 6

PLM* Polarized Light Microscopy | TTFP* Test Till First Positive | PCM* Phase Contrast Microscopy | TEM* Transmission Electron Microscopy | *TTCL** Total Threshold Limit Concentration | STLC* Soluble Threshold Limit Concentration TCLP* *Toxicity Characteristic Leaching Procedure* | HPC* *Heterotropic Plate*

Camp Fire Incident

Property Report | Butte County, California

Asbestos Abatement Clearance

Document amended to correct address

Camp Fire Daily Asbestos Abatement Clearance Form

Start Date of Abatement: 4-10-19

End Date of Abatement: 4-11-19

APN: 053-111-034

Address: 955, ~~97, 95~~ Eliott road

Task Force Leader: John A Baldree

Contractor: SPSG - Pace

Crew Number: 806318

Date of Abatement for specific material	Asbestos Containing Material Abated	Unit Count Bags/Cubic yards	Completely Abated Yes/No	Initials of CAC/SST
4-11-19	#08. Door Caulking	1 Bag	Yes	M.E.
4-11-19	#46 - Duct Gasket	1 Bag	Yes	M.E.
4-11-19	#51 - Transite Pipe	5 Bags	Yes	M.E.
4-11-19	#57 - Cementitious Siding	63 Bags	Yes	M.E.
4-11-19	#66 - Cementitious pipe	9 Bags	Yes	M.E.
	total	79 Bags		
		8 CY		
		M.E.		

Other suspect material uncovered during abatement: YES (NO)

Estimated LF/SF: _____

Contractor assistance needed to complete abatement: YES (NO)
IF YES WHAT IS THE REASON:

Abatement Clear for Debris Removal: (YES) NO

Final Completion Inspector Print and Signature: M.E., MARK S. ERVIN E573822

Task Force Leader Print and Signature: John A Baldree

OTHER NOTES ON THE PROPERTY:

Document amended to correct address

Camp Fire Daily Asbestos Abatement Clearance Form

Start Date of Abatement: 4/30/19

End Date of Abatement: 4/30/19

APN: 053-111-034

Address: 955/~~931~~ Elliott Road

Task Force Leader: Sean Baker

Contractor: SPSG

Crew Number: 806320

Date of Abatement for specific material	Asbestos Containing Material Abated	Unit Count Bags/Cubic yards	Completely Abated Yes/No	Initials of CAC/SST
4/30/19	TRANSITE PIPE	6 Bags	Yes	M.E.
		1 CY M.E.		

Other suspect material uncovered during abatement: YES NO

Estimated LF/SF: 10

Cementitious Pipe uncovered during Debris Removal

Contractor assistance needed to complete abatement: YES NO

IF YES WHAT IS THE REASON:

Abatement Clear for Debris Removal: YES NO

Final Completion Inspector Print and Signature: MARK S. ERVIN E573822

Task Force Leader Print and Signature: Sean Baker B274154

OTHER NOTES ON THE PROPERTY:

Camp Fire Incident

Property Report | Butte County, California

Cleanup Goals Screening Table

Camp Fire Incident
Cleanup Goals Screening Table

APN: 053-111-034
955 Elliott Rd
Paradise CA 95969

SDG #: 1905430, 1907088
Lab Name: Alpha Analytical, Inc.

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-053-111-034-A1	5/11/19	0.86	4.7	140	0.49	0.25 U	120 J+	13	58	13	0.027	0.74	56	0.86	0.25 U	0.5 U	210	57
BFI-053-111-034-A2	5/11/19	1.3	5.5	160	0.88	0.5	120	14	79	15	0.032	1.2	43	1	0.23 J	0.42 J	250	120
BFI-053-111-034-A3	5/11/19	1	5.4	160	0.61	0.25 U	120	14	87	15	0.021	0.98	46	0.84	0.25 U	0.5 U	260	65
BFI-053-111-034-A4	5/11/19	1.2	6	170	0.67	0.14 J	140	17	73	22	0.14	1.1	56	0.96	0.25 U	0.5 U	240	83
BFI-053-111-034-A5	5/11/19	0.69	4.9	130	0.6	0.25 U	130	15	54	16	0.021	0.86	59	0.84	0.25 U	0.5 U	230	49
BFI-053-111-034-A6	5/11/19	0.95	5.3	150	0.63	0.25 U	130	16	77	18	0.046	0.9	55	0.88	0.25 U	0.5 U	250	64
BFI-053-111-034-A7	5/11/19	0.72	5	200	0.59	0.25 U	170	15	68	18	0.037	0.95	49	0.96	0.25 U	0.5 U	260	63
BFI-053-111-034-A8	5/11/19	0.47 J	4.3	130	0.48	0.25 U	110	12	46	13	0.034	0.77	41	0.7	0.25 U	0.5 U	220	43
BFI-053-111-034-B1	5/11/19	1.4	6.4	220	0.77	0.43	170	22	140	37	0.093	0.98	68	1.3	0.13 J	0.5 U	250	160
BFI-053-111-034-B2	5/11/19	1.5	5.9	170	0.72	0.44	190	20	69	31	0.077	1	65	1.2	0.25 U	0.5 U	240	230
BFI-053-111-034-B3	5/11/19	1.6	6.5	210	0.77	0.51	220	21	83	71	0.3	1.1	74	1.2	0.25 U	0.5 U	250	280
BFI-053-111-034-B4	5/11/19	0.89	6.3	200	0.7	0.47	190	20	80	50	0.24	0.99	73	1.2	0.25 U	0.5 U	250	170
BFI-053-111-034-C1	5/11/19	1.2	5.4	180	0.61	0.35	160	20	90	29	0.068	0.91	64	1.2	0.25 U	0.5 U	200	140
BFI-053-111-034-C2	5/11/19	1.3	6.1	200	0.71	0.36	170	21	76	30	0.059	1	66	1.2	0.25 U	0.5 U	240	140
~~BFI-053-111-034-D1~~	~~5/11/19~~	~~1.6~~	~~5.6~~	~~270~~	~~0.57~~	~~0.76~~	~~170~~	~~21~~	~~70~~	~~86~~	~~0.1~~	~~1~~	~~72~~	~~1.2~~	~~0.25 U~~	~~0.5 U~~	~~220~~	~~330~~
BFI-053-111-034-D1-R1	7/1/19	0.87	5.1	180	0.69	0.56	150	18	43	40	0.094	0.94	47	1.4	0.25 U	0.5 U	170	100
BFI-053-111-034-D2	5/11/19	1.4	6.2	210	0.71	0.42	180	21	93	41	0.076	1.2	71	1.2	0.13 J	0.5 U	260	150
BFI-053-111-034-E1	5/11/19	0.67	6	160	0.83	0.25 U	150	18	100	17	0.034	1.1	59	1	0.25 U	0.5 U	270	52

Camp Fire Incident
Cleanup Goals Screening Table

APN: 053-111-034
955 Elliott Rd
Paradise CA 95969

SDG #: 1905430, 1907088
Lab Name: Alpha Analytical, Inc.

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-053-111-034-E2	5/11/19	0.8	5.8	150	0.84	0.25 U	150	18	73	15	0.022	1.1	60	0.98	0.25 U	0.5 U	270	54

Notes:

Shading indicates result is above both the cleanup goal and the 20% laboratory margin of error; box outline indicates result is above the cleanup goal but within the 20% laboratory margin of error.
Strike-through indicates the area has been rescraped and the original sample results are superseded by rescrape sample results.

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

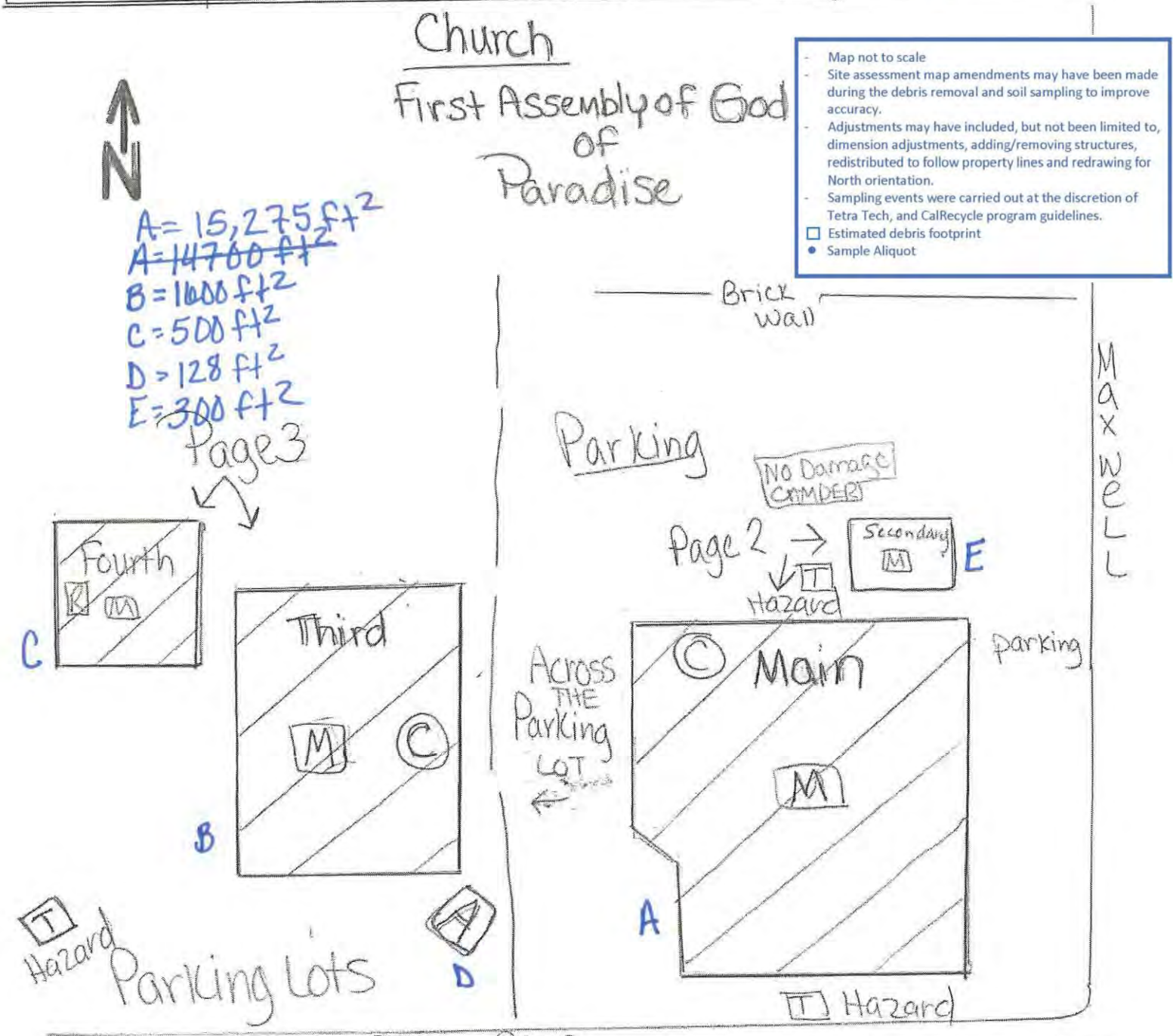
Soil Sampling Map

Rescrape
Cut 2/10 from

TETRA TECH

CalRecycle – Camp Fire Site Assessment

APN # 053.111.034	Date: 03.04.2019
Address: 955 Elliot Road	
Surveyor(s): Joy Marlow- Shawn Melvin	Page 1 of 3



- Map not to scale
- Site assessment map amendments may have been made during the debris removal and soil sampling to improve accuracy.
- Adjustments may have included, but not been limited to, dimension adjustments, adding/removing structures, redistributed to follow property lines and redrawing for North orientation.
- Sampling events were carried out at the discretion of Tetra Tech, and CalRecycle program guidelines.
- ☐ Estimated debris footprint
- ● Sample Aliquot

RAD Bk: 5	µR/h	PID Bk: 0	ppm	Hg Bk: 0	mg/m³
RAD Site: 7	µR/h	PID Site 0	ppm	Hg Site: 0	mg/m³

Notes: 4 Septics Located

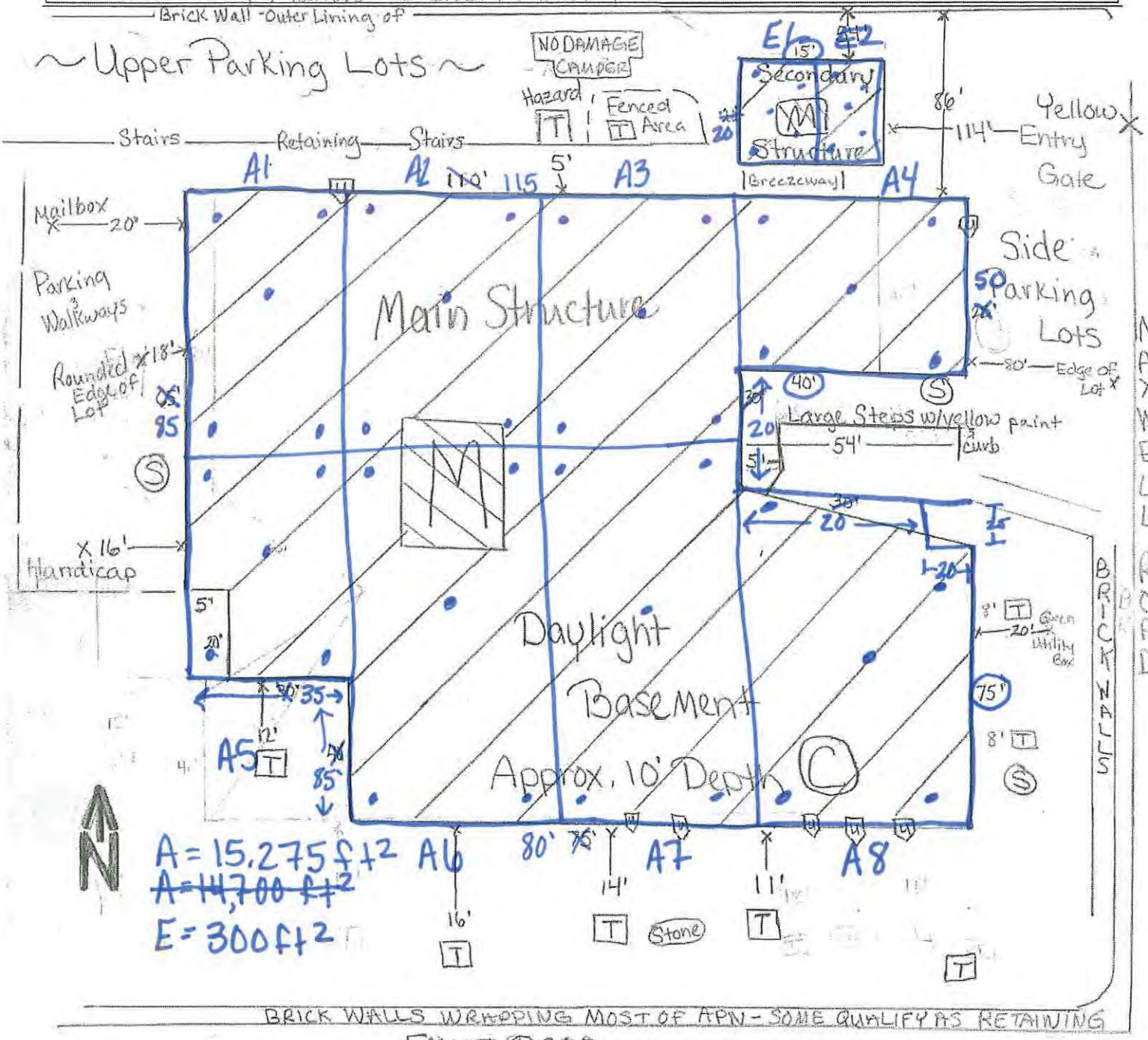
4 Structures
1 Auto
1 RV

TETRA TECH

Rescrape 01:
Cut 2/10 from D1

CalRecycle – Camp Fire Site Assessment

APN # 053-111-034	**Date:** 03-04-2019
Address: 955 Elliot Road	Page 2 of 3
Surveyor(s): Joy Marlow - Shawn Melvin	



RAD Bk: 5	µR/h	**PID Bk:** 0	ppm	**Hg Bk:** 0	mg/m³
RAD Site: 7	µR/h	**PID Site** 0	ppm	**Hg Site:** 0	mg/m³

Notes: 4 Septics

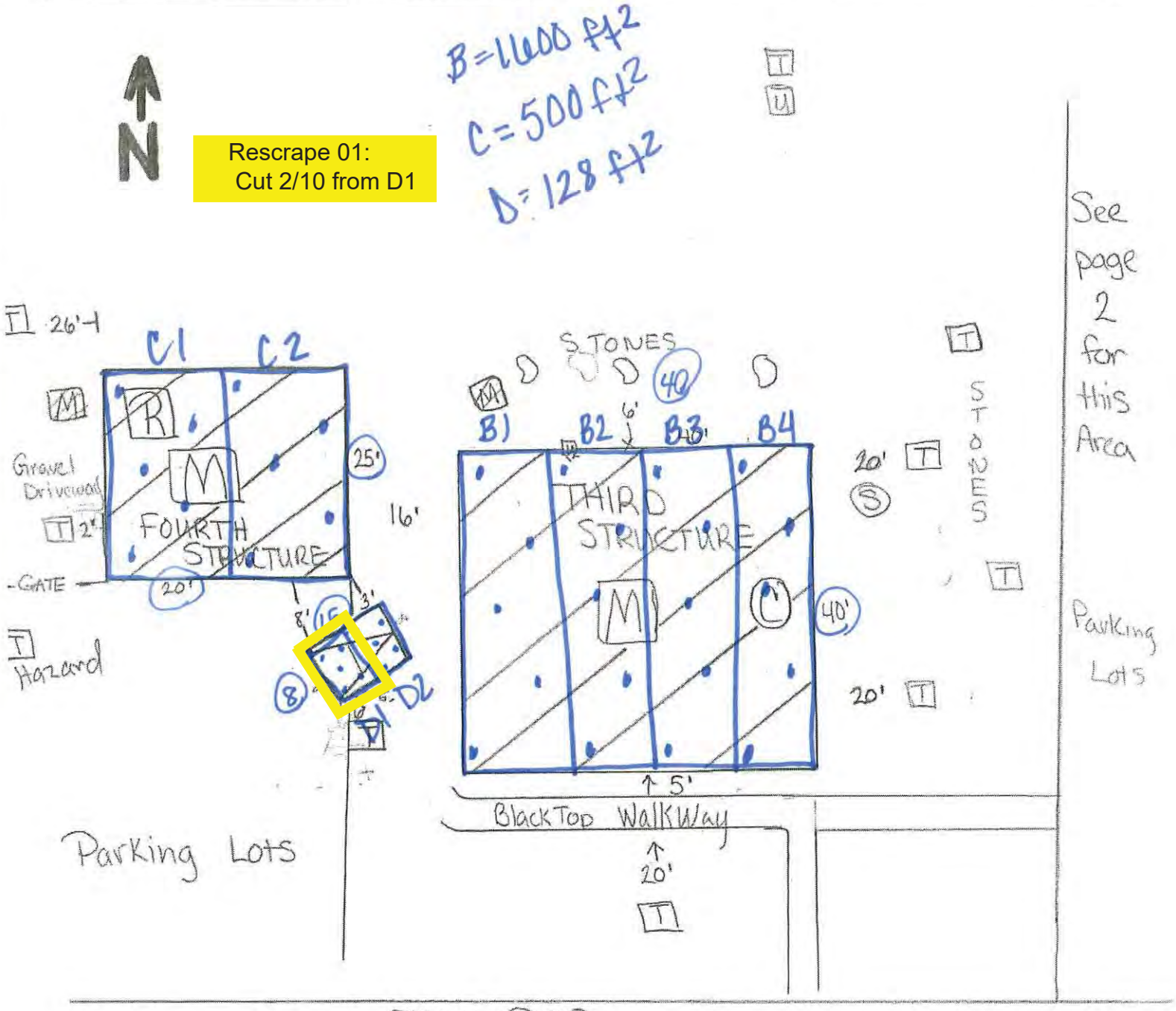
4 Structures
1 Auto
1 RV

ROE Lists 931-935-955 Elliot Road

TETRA TECH

CalRecycle – Camp Fire Site Assessment

APN # 053-111-034	**Date:** 03-04-2019
Address: 955 Elliot Road	Page 3 of 3
Surveyor(s): Joy Marlow - Shawn Melvin	



RAD Bk: 5	µR/h	**PID Bk:** 0	ppm	**Hg Bk:** 0	mg/m³
RAD Site: 7	µR/h	**PID Site** 0	ppm	**Hg Site:** 0	mg/m³

Notes: 4 Septics

4 Structures
1 Auto
1 RV

RUE lists 931-935-955 Elliot Road

Camp Fire Incident

Property Report | Butte County, California

Laboratory Report and Data Validation Checklist

Alpha Analytical, Inc
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

May 17, 2019

Susan Gallagher
Tetra Tech
1999 Harrison Street #500
Oakland, CA 94612-
TEL:
FAX

RE: Camp Fire Incident

Order No.: TET1905430

Dear Susan Gallagher:

Due to the strict project requirements requested by the client, RSDs for some analytes may be elevated at or near the lowered reporting limits.

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Roger Scholl

Roger Scholl
Laboratory Director
255 Glendale Ave, #21
Sparks, Nevada 89431

Alpha Analytical, Inc.

(775) 355-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 10:00:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-01
Matrix: SOIL
Client Sample ID BFI-053-111-034-A1

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.49	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	210	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	120	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	13	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	56	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	58	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	57	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	4.7	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	0.86	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.74	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	0.86	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	140	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.027	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	13	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

(775) 355-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 10:10:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-02
Matrix: SOIL
Client Sample ID BFI-053-111-034-A2

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.88	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	250	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	120	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	14	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	43	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	79	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	120	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	5.5	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.0	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.2	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	0.23	0.25	0.12	J	mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.50	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.3	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	160	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.032	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	0.42	0.50	0.25	J	mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	15	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

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225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 10:20:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-03
Matrix: SOIL
Client Sample ID BFI-053-111-034-A3

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.61	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	260	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	120	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	14	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	46	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	87	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	65	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	5.4	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	0.84	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.98	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.0	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	160	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.021	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	15	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

(775) 355-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 10:30:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-04
Matrix: SOIL
Client Sample ID BFI-053-111-034-A4

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.67	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	240	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	140	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	17	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	56	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	73	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	83	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	6.0	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	0.96	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.1	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.14	0.25	0.12	J	mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	170	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.14	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	22	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 10:40:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-05
Matrix: SOIL
Client Sample ID BFI-053-111-034-A5

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.60	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	230	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	130	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	15	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	59	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	54	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	49	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	4.9	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	0.84	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.86	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	0.69	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	130	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.021	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	16	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 10:50:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-06
Matrix: SOIL
Client Sample ID BFI-053-111-034-A6

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.63	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	250	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	130	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	16	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	55	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	77	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	64	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	5.3	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	0.88	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.90	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	0.95	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	150	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.046	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	18	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 11:00:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-07
Matrix: SOIL
Client Sample ID BFI-053-111-034-A7

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.59	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	260	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	170	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	15	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	49	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	68	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	63	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	5.0	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	0.96	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.95	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	0.72	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	200	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.037	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	18	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 11:10:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-08
Matrix: SOIL
Client Sample ID BFI-053-111-034-A8

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.48	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	220	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	110	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	12	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	41	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	46	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	43	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	4.3	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	0.70	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.77	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	0.47	0.50	0.25	J	mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	130	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.034	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	13	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 11:20:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-09
Matrix: SOIL
Client Sample ID BFI-053-111-034-B1

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.77	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	250	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	170	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	22	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	68	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	140	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	160	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	6.4	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.3	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.98	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	0.13	0.25	0.12	J	mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.43	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.4	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	220	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.093	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	37	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 11:30:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-10
Matrix: SOIL
Client Sample ID BFI-053-111-034-B2

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.72	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	240	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	190	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	20	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	65	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	69	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	230	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	5.9	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.0	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.44	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.5	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	170	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.077	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	31	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 11:40:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-11
Matrix: SOIL
Client Sample ID BFI-053-111-034-B3

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.77	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	250	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	220	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	21	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	74	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	83	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	280	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	6.5	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.1	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.51	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.6	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	210	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.30	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	71	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 11:50:00 AM
Project: Camp Fire Incident
Lab ID: 1905430-12
Matrix: SOIL
Client Sample ID BFI-053-111-034-B4

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.70	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	250	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	190	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	20	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	73	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	80	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	170	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	6.3	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.99	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.47	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	0.89	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	200	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.24	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	50	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 12:00:00 PM
Project: Camp Fire Incident
Lab ID: 1905430-13
Matrix: SOIL
Client Sample ID BFI-053-111-034-C1

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.61	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	200	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	160	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	20	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	64	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	90	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	140	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	5.4	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	0.91	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.35	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	180	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.068	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	29	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

Alpha Analytical, Inc.

(775) 355-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 12:10:00 PM
Project: Camp Fire Incident
Lab ID: 1905430-14
Matrix: SOIL
Client Sample ID BFI-053-111-034-C2

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.71	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	240	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	170	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	21	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	66	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	76	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	140	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	6.1	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.0	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.36	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.3	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	200	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.059	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	30	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 12:20:00 PM
Project: Camp Fire Incident
Lab ID: 1905430-15
Matrix: SOIL
Client Sample ID BFI-053-111-034-D1

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.57	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	220	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	170	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	21	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	72	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	70	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	330	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	5.6	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.0	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.76	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.6	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	270	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.10	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	86	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 12:30:00 PM
Project: Camp Fire Incident
Lab ID: 1905430-16
Matrix: SOIL
Client Sample ID BFI-053-111-034-D2

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.71	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	260	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	180	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	21	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	71	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	93	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	150	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	6.2	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.2	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.2	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	0.13	0.25	0.12	J	mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	0.42	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	1.4	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	210	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.076	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	41	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 12:40:00 PM
Project: Camp Fire Incident
Lab ID: 1905430-17
Matrix: SOIL
Client Sample ID BFI-053-111-034-E1

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.83	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	270	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	150	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	18	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	59	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	100	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	52	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	6.0	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	1.0	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.1	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	0.67	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	160	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.034	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	17	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

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Analytical Report

WO#: **TET1905430**
Report Date: **5/17/2019**

CLIENT: Tetra Tech
Collection Date: 5/11/2019 12:50:00 PM
Project: Camp Fire Incident
Lab ID: 1905430-18
Matrix: SOIL
Client Sample ID BFI-053-111-034-E2

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.84	0.10	0.050		mg/Kg	5/16/2019	Metals by EPA 6020
Vanadium (V)	270	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Chromium (Cr)	150	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cobalt (Co)	18	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Nickel (Ni)	60	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Copper (Cu)	73	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Zinc (Zn)	54	1.0	0.50		mg/Kg	5/16/2019	Metals by EPA 6020
Arsenic (As)	5.8	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Selenium (Se)	0.98	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Molybdenum (Mo)	1.1	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Cadmium (Cd)	ND	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Antimony (Sb)	0.80	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Barium (Ba)	150	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020
Mercury (Hg)	0.022	0.020	0.010		mg/Kg	5/16/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	5/16/2019	Metals by EPA 6020
Lead (Pb)	15	0.25	0.12		mg/Kg	5/16/2019	Metals by EPA 6020

NOTES:
Concentrations are based on dry weight.

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QC SUMMARY REPORT

WO#: **1905430**

17-May-19

Client: Tetra Tech
Project: Camp Fire Incident
TestCode: **METALS_SO_F**

Sample ID: **MB-7156** SampType: **MBLK** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **PBS** Batch ID: **7156** TestNo: **E200.8**
Prep Date: **5/14/2019** RunNo: **6369** SeqNo: **176960**
Analysis Date: **5/16/2019**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium (Be)	ND	0.1									
Vanadium (V)	ND	0.25									
Chromium (Cr)	ND	0.25									
Cobalt (Co)	ND	0.25									
Nickel (Ni)	ND	0.25									
Copper (Cu)	ND	0.25									
Zinc (Zn)	ND	1									
Arsenic (As)	ND	0.25									
Selenium (Se)	ND	0.5									
Molybdenum (Mo)	ND	0.25									
Silver (Ag)	ND	1									
Cadmium (Cd)	ND	0.25									
Antimony (Sb)	ND	0.5									
Barium (Ba)	ND	0.25									
Mercury (Hg)	ND	0.02									
Thallium (Tl)	ND	0.5									
Lead (Pb)	ND	0.25									

Sample ID: **LCS-7156** SampType: **LCS** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **LCSS** Batch ID: **7156** TestNo: **E200.8**
Prep Date: **5/14/2019** RunNo: **6369** SeqNo: **176867**
Analysis Date: **5/16/2019**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium (Be)	46	0.1	50	0	92.0	79.51	120.49				
Vanadium (V)	47.5	0.25	50	0	95.0	79.51	120.49				
Chromium (Cr)	48.1	0.25	50	0	96.2	79.51	120.49				
Cobalt (Co)	51.6	0.25	50	0	103	79.51	120.49				
Nickel (Ni)	47.1	0.25	50	0	94.1	79.51	120.49				
Copper (Cu)	49	0.25	50	0	98.0	79.51	120.49				
Zinc (Zn)	43.9	1	50	0	87.8	79.51	120.49				
Arsenic (As)	47	0.25	50	0	94.0	79.51	120.49				
Selenium (Se)	44.7	0.5	50	0	89.4	79.51	120.49				
Molybdenum (Mo)	44.8	0.25	50	0	89.6	79.51	120.49				
Silver (Ag)	50.1	1	50	0	100	79.51	120.49				
Cadmium (Cd)	49.6	0.25	50	0	99.2	79.51	120.49				
Antimony (Sb)	47.7	0.5	50	0	95.3	79.51	120.49				
Barium (Ba)	46.7	0.25	50	0	93.4	79.51	120.49				
Mercury (Hg)	0.993	0.02	1	0	99.3	79.51	120.49				

Qualifiers:

B	Analyte detected in the associated Method Blank
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1905430**

17-May-19

Client: Tetra Tech
Project: Camp Fire Incident
TestCode: **METALS_SO_F**

Sample ID:	**LCS-7156**	SampType:	**LCS**	TestCode:	**METALS_SO**	Units:	**mg/Kg**
Client ID:	**LCSS**	Batch ID:	**7156**	TestNo:	**E200.8**		
Prep Date:	**5/14/2019**	RunNo:	**6369**	SeqNo:	**176867**		
Analysis Date:	**5/16/2019**						

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium (Tl)	50.9	0.5	50	0	102	79.51	120.49				
Lead (Pb)	49.3	0.25	50	0	98.6	79.51	120.49				

Sample ID:	**1905430-01AMSD**	SampType:	**MSD**	TestCode:	**METALS_SO**	Units:	**mg/Kg**
Client ID:	**BFI-053-111-034-A1MSD**	Batch ID:	**7156**	TestNo:	**E200.8**		
Prep Date:	**5/14/2019**	RunNo:	**6369**	SeqNo:	**176870**		
Analysis Date:	**5/16/2019**						

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium (Be)	51.3	0.1	50	0.489	102	69.51	130.49	51	0.69	30	
Vanadium (V)	296	0.25	50	206	179	69.51	130.49	298	0.62	30	S
Chromium (Cr)	188	0.25	50	118	142	69.51	130.49	186	1.3	30	S
Cobalt (Co)	69.7	0.25	50	13.4	113	69.51	130.49	67	4	30	
Nickel (Ni)	99.6	0.25	50	56.3	86.6	69.51	130.49	104	4.5	30	
Copper (Cu)	112	0.25	50	57.9	109	69.51	130.49	113	0.79	30	
Zinc (Zn)	99	1	50	57.3	83.4	69.51	130.49	112	12	30	
Arsenic (As)	49.3	0.25	50	4.75	89.1	69.51	130.49	47.6	3.5	30	
Selenium (Se)	42.3	0.5	50	0.862	82.9	69.51	130.49	40.3	4.8	30	
Molybdenum (Mo)	45.9	0.25	50	0.736	90.3	69.51	130.49	43.2	6	30	
Silver (Ag)	51.1	1	50	0	102	69.51	130.49	50.3	1.6	30	
Cadmium (Cd)	54.5	0.25	50	0	109	69.51	130.49	52.1	4.4	30	
Antimony (Sb)	50.7	0.5	50	0.861	99.6	69.51	130.49	48.3	4.7	30	
Barium (Ba)	186	0.25	50	142	87.7	69.51	130.49	202	8.2	30	
Mercury (Hg)	1.09	0.02	1	0.0268	106	69.51	130.49	1.08	1	30	
Thallium (Tl)	51.2	0.5	50	0	102	69.51	130.49	52	1.6	30	
Lead (Pb)	64.8	0.25	50	13.2	103	69.51	130.49	65.6	1.3	30	

Sample ID:	**1905430-01AMS**	SampType:	**MS**	TestCode:	**METALS_SO**	Units:	**mg/Kg**
Client ID:	**BFI-053-111-034-A1MS**	Batch ID:	**7156**	TestNo:	**E200.8**		
Prep Date:	**5/14/2019**	RunNo:	**6369**	SeqNo:	**176869**		
Analysis Date:	**5/16/2019**						

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium (Be)	51	0.1	50	0.489	101	69.51	130.49				
Vanadium (V)	298	0.25	50	206	183	69.51	130.49				S
Chromium (Cr)	186	0.25	50	118	137	69.51	130.49				S
Cobalt (Co)	67	0.25	50	13.4	107	69.51	130.49				
Nickel (Ni)	104	0.25	50	56.3	95.8	69.51	130.49				

Qualifiers:

B	Analyte detected in the associated Method Blank
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

Alpha Analytical, Inc
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TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: **1905430**

17-May-19

Client: Tetra Tech
Project: Camp Fire Incident

TestCode: **METALS_SO_F**

Sample ID:	**1905430-01AMS**	SampType:	**MS**	TestCode:	**METALS_SO**	Units:	**mg/Kg**
Client ID:	**BFI-053-111-034-A1MS**	Batch ID:	**7156**	TestNo:	**E200.8**		
Prep Date:	**5/14/2019**	RunNo:	**6369**	SeqNo:	**176869**		
Analysis Date:	**5/16/2019**						

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper (Cu)	113	0.25	50	57.9	110	69.51	130.49				
Zinc (Zn)	112	1	50	57.3	109	69.51	130.49				
Arsenic (As)	47.6	0.25	50	4.75	85.7	69.51	130.49				
Selenium (Se)	40.3	0.5	50	0.862	78.9	69.51	130.49				
Molybdenum (Mo)	43.2	0.25	50	0.736	84.9	69.51	130.49				
Silver (Ag)	50.3	1	50	0	101	69.51	130.49				
Cadmium (Cd)	52.1	0.25	50	0	104	69.51	130.49				
Antimony (Sb)	48.3	0.5	50	0.861	95.0	69.51	130.49				
Barium (Ba)	202	0.25	50	142	119	69.51	130.49				
Mercury (Hg)	1.08	0.02	1	0.0268	105	69.51	130.49				
Thallium (Tl)	52	0.5	50	0	104	69.51	130.49				
Lead (Pb)	65.6	0.25	50	13.2	105	69.51	130.49				

Qualifiers:

B	Analyte detected in the associated Method Blank
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

Alpha Analytical, Inc
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Website: www.alpha-analytical.com

Definition Only

WO#: **1905430**

Date:

Definitions:

ND = Not Detected

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S52 = Surrogate recovery was above laboratory acceptance limits. Probable matrix effect.

S53 = Surrogate recovery was below laboratory acceptance limits. Probable matrix effect.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Susan Gallagher

CHAIN-OF-CUSTODY RECORD

CA RUSH

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431

TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder: TET1905430
Report Due By: 17-May-19
EDD Required: YES

Report Attention: Susan Gallagher

Client:
Tetra Tech
1999 Harrison Street #500
Oakland, CA 94612-

TEL: (510) 302-6300
FAX:
ProjectNo: Camp Fire Incident

Date Received: 14-May-19

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests METALS_SO_F							Sample Remarks
TET1905430-01	BFI-053-111-034-A1	SO	5/11/2019 10:00:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-02	BFI-053-111-034-A2	SO	5/11/2019 10:10:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-03	BFI-053-111-034-A3	SO	5/11/2019 10:20:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-04	BFI-053-111-034-A4	SO	5/11/2019 10:30:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-05	BFI-053-111-034-A5	SO	5/11/2019 10:40:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-06	BFI-053-111-034-A6	SO	5/11/2019 10:50:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-07	BFI-053-111-034-A7	SO	5/11/2019 11:00:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-08	BFI-053-111-034-A8	SO	5/11/2019 11:10:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-09	BFI-053-111-034-B1	SO	5/11/2019 11:20:00 AM	1	0	3	A-CAM_17_TTLC							
TET1905430-10	BFI-053-111-034-B2	SO	5/11/2019 11:30:00 AM	1	0	3	A-CAM_17_TTLC							

Comments: 72 HR TAT. Report on dry weight.

	Signature	Print Name	Company	Date/Time
Logged in by:	EHernandez	EHernandez	Alpha Analytical, Inc.	5/14/19 12:27

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

RUSH

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests METALS_SO_F							Sample Remarks
TET1905430-11	BFI-053-111-034-B3	SO	5/11/2019 11:40:00 AM	1	0	3	A - CAM_17_TTLC							
TET1905430-12	BFI-053-111-034-B4	SO	5/11/2019 11:50:00 AM	1	0	3	A - CAM_17_TTLC							
TET1905430-13	BFI-053-111-034-C1	SO	5/11/2019 12:00:00 PM	1	0	3	A - CAM_17_TTLC							
TET1905430-14	BFI-053-111-034-C2	SO	5/11/2019 12:10:00 PM	1	0	3	A - CAM_17_TTLC							
TET1905430-15	BFI-053-111-034-D1	SO	5/11/2019 12:20:00 PM	1	0	3	A - CAM_17_TTLC							
TET1905430-16	BFI-053-111-034-D2	SO	5/11/2019 12:30:00 PM	1	0	3	A - CAM_17_TTLC							
TET1905430-17	BFI-053-111-034-E1	SO	5/11/2019 12:40:00 PM	1	0	3	A - CAM_17_TTLC							
TET1905430-18	BFI-053-111-034-E2	SO	5/11/2019 12:50:00 PM	1	0	3	A - CAM_17_TTLC							

Comments: 72 HR TAT. Report on dry weight.

	Signature	Print Name	Company	Date/Time
Logged in by:	EHernandez	EHernandez	**Alpha Analytical, Inc.**	5.14.19 12:27

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

CHAIN OF CUSTODY RECORD

Camp Fire Incident
Location: Butte County, CA

No:

Alpha
Pace Analytical Services, LLC
1700 Elm Street, Suite 200
Minneapolis, MN 55414
612-607-1700

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: 18	**Date Shipped:** 2019-05-13	**Purchase Order:**		**Sampled By:** Elissa Fiore, Mandi Peterson	

Lab #	Sample #	Collected	Sample Time	Containers	Location	Analysis RB	Matrix
Tet1905430-01	BFI-053-111-034-A1	5/11/2019	10:00:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
02	BFI-053-111-034-A2	5/11/2019	10:10:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
03	BFI-053-111-034-A3	5/11/2019	10:20:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
04	BFI-053-111-034-A4	5/11/2019	10:30:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
05	BFI-053-111-034-A5	5/11/2019	10:40:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
06	BFI-053-111-034-A6	5/11/2019	10:50:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
07	BFI-053-111-034-A7	5/11/2019	11:00:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
08	BFI-053-111-034-A8	5/11/2019	11:10:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
09	BFI-053-111-034-B1	5/11/2019	11:20:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
10	BFI-053-111-034-B2	5/11/2019	11:30:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
11	BFI-053-111-034-B3	5/11/2019	11:40:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil

Special Instructions: 72 hr TAT and Level II data package requested

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[signature]	05.11.19 1400	[signature]	5/13/19 5:03	
			Edwardz	5.14.19 12:27	

CHAIN OF CUSTODY RECORD

Camp Fire Incident
Location: Butte County, CA

No:

Alpha
Pace Analytical Services, LLC
1700 Elm Street, Suite 200
Minneapolis, MN 55414
612-607-1700

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: 18	**Date Shipped:** 2019-05-13	**Purchase Order:**		**Sampled By:** Elissa Fiore, Mandi Peterson	

RB

Tet190530·12	BFI-053-111-034-B4	5/11/2019	11:50:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
13	BFI-053-111-034-C1	5/11/2019	12:00:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
14	BFI-053-111-034-C2	5/11/2019	12:10:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
15	BFI-053-111-034-D1	5/11/2019	12:20:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
16	BFI-053-111-034-D2	5/11/2019	12:30:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
17	BFI-053-111-034-E1	5/11/2019	12:40:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil
18	BFI-053-111-034-E2	5/11/2019	12:50:00	1	955 Elliott Rd Paradise CA 95969	SW846 6020/7471	Soil

Special Instructions: 72 hr TAT and Level II data package requested

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[signature]	05.11.19 1600	[signature] Edmundi	5/13/19 5:03 5.14.19 12:27	

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Camp Fire Incident	**Project No.**	103IS620603
Data Reviewer (signature and date)	Cynthia Brown 6/9/2019	**Laboratory/ Report No.**	Alpha Analytical/ 1905430
Analyses	Metals by SW-846 Method 6020A		
Samples	BFI-053-111-034-A1, BFI-053-111-034-A2, BFI-053-111-034-A3, BFI-053-111-034-A4, BFI-053-111-034-A5, BFI-053-111-034-A6, BFI-053-111-034-A7, BFI-053-111-034-A8, BFI-053-111-034-B1, BFI-053-111-034-B2, BFI-053-111-034-B3, BFI-053-111-034-B4, BFI-053-111-034-C1, BFI-053-111-034-C2, BFI-053-111-034-D1, BFI-053-111-034-D2, BFI-053-111-034-E1, and BFI-053-111-034-E2		

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	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
Y	

MS/MSD:

Within Criteria	Exceedance/Notes
N	BFI-053-111-034-A1: High %Rs for chromium – flag "J+" High %Rs for vanadium – no flag (parent result greater than four times spike concentration)

Field triplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
NA	The laboratory did not report the dilution factors for the samples analyzed.

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DATA VALIDATION CHECKLIST – STAGE 2A

Analyte quantitation and MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Results between the MDL and RL – flagged "J" by laboratory

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
ALPHA ANALYTICAL REPORT NO. 1905430

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-034-A1	Antimony	0.86		0.25	0.5	mg/Kg	0.86	
BFI-053-111-034-A1	Arsenic	4.7		0.12	0.25	mg/Kg	4.7	
BFI-053-111-034-A1	Barium	140		0.12	0.25	mg/Kg	140	
BFI-053-111-034-A1	Beryllium	0.49		0.05	0.1	mg/Kg	0.49	
BFI-053-111-034-A1	Cadmium	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A1	Chromium	120		0.12	0.25	mg/Kg	120	J+
BFI-053-111-034-A1	Cobalt	13		0.12	0.25	mg/Kg	13	
BFI-053-111-034-A1	Copper	58		0.12	0.25	mg/Kg	58	
BFI-053-111-034-A1	Lead	13		0.12	0.25	mg/Kg	13	
BFI-053-111-034-A1	Mercury	0.027		0.01	0.02	mg/Kg	0.027	
BFI-053-111-034-A1	Molybdenum	0.74		0.12	0.25	mg/Kg	0.74	
BFI-053-111-034-A1	Nickel	56		0.12	0.25	mg/Kg	56	
BFI-053-111-034-A1	Selenium	0.86		0.25	0.5	mg/Kg	0.86	
BFI-053-111-034-A1	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A1	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-A1	Vanadium	210		0.12	0.25	mg/Kg	210	
BFI-053-111-034-A1	Zinc	57		0.5	1	mg/Kg	57	
BFI-053-111-034-A2	Antimony	1.3		0.25	0.5	mg/Kg	1.3	
BFI-053-111-034-A2	Arsenic	5.5		0.12	0.25	mg/Kg	5.5	
BFI-053-111-034-A2	Barium	160		0.12	0.25	mg/Kg	160	
BFI-053-111-034-A2	Beryllium	0.88		0.05	0.1	mg/Kg	0.88	
BFI-053-111-034-A2	Cadmium	0.5		0.12	0.25	mg/Kg	0.5	
BFI-053-111-034-A2	Chromium	120		0.12	0.25	mg/Kg	120	
BFI-053-111-034-A2	Cobalt	14		0.12	0.25	mg/Kg	14	
BFI-053-111-034-A2	Copper	79		0.12	0.25	mg/Kg	79	
BFI-053-111-034-A2	Lead	15		0.12	0.25	mg/Kg	15	
BFI-053-111-034-A2	Mercury	0.032		0.01	0.02	mg/Kg	0.032	
BFI-053-111-034-A2	Molybdenum	1.2		0.12	0.25	mg/Kg	1.2	
BFI-053-111-034-A2	Nickel	43		0.12	0.25	mg/Kg	43	
BFI-053-111-034-A2	Selenium	1		0.25	0.5	mg/Kg	1	
BFI-053-111-034-A2	Silver	0.23	J	0.12	0.25	mg/Kg	0.23	J
BFI-053-111-034-A2	Thallium	0.42	J	0.25	0.5	mg/Kg	0.42	J
BFI-053-111-034-A2	Vanadium	250		0.12	0.25	mg/Kg	250	
BFI-053-111-034-A2	Zinc	120		0.5	1	mg/Kg	120	
BFI-053-111-034-A3	Antimony	1		0.25	0.5	mg/Kg	1	
BFI-053-111-034-A3	Arsenic	5.4		0.12	0.25	mg/Kg	5.4	
BFI-053-111-034-A3	Barium	160		0.12	0.25	mg/Kg	160	
BFI-053-111-034-A3	Beryllium	0.61		0.05	0.1	mg/Kg	0.61	
BFI-053-111-034-A3	Cadmium	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A3	Chromium	120		0.12	0.25	mg/Kg	120	
BFI-053-111-034-A3	Cobalt	14		0.12	0.25	mg/Kg	14	
BFI-053-111-034-A3	Copper	87		0.12	0.25	mg/Kg	87	
BFI-053-111-034-A3	Lead	15		0.12	0.25	mg/Kg	15	
BFI-053-111-034-A3	Mercury	0.021		0.01	0.02	mg/Kg	0.021	
BFI-053-111-034-A3	Molybdenum	0.98		0.12	0.25	mg/Kg	0.98	

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-034-A3	Nickel	46		0.12	0.25	mg/Kg	46	
BFI-053-111-034-A3	Selenium	0.84		0.25	0.5	mg/Kg	0.84	
BFI-053-111-034-A3	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A3	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-A3	Vanadium	260		0.12	0.25	mg/Kg	260	
BFI-053-111-034-A3	Zinc	65		0.5	1	mg/Kg	65	
BFI-053-111-034-A4	Antimony	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-A4	Arsenic	6		0.12	0.25	mg/Kg	6	
BFI-053-111-034-A4	Barium	170		0.12	0.25	mg/Kg	170	
BFI-053-111-034-A4	Beryllium	0.67		0.05	0.1	mg/Kg	0.67	
BFI-053-111-034-A4	Cadmium	0.14	J	0.12	0.25	mg/Kg	0.14	J
BFI-053-111-034-A4	Chromium	140		0.12	0.25	mg/Kg	140	
BFI-053-111-034-A4	Cobalt	17		0.12	0.25	mg/Kg	17	
BFI-053-111-034-A4	Copper	73		0.12	0.25	mg/Kg	73	
BFI-053-111-034-A4	Lead	22		0.12	0.25	mg/Kg	22	
BFI-053-111-034-A4	Mercury	0.14		0.01	0.02	mg/Kg	0.14	
BFI-053-111-034-A4	Molybdenum	1.1		0.12	0.25	mg/Kg	1.1	
BFI-053-111-034-A4	Nickel	56		0.12	0.25	mg/Kg	56	
BFI-053-111-034-A4	Selenium	0.96		0.25	0.5	mg/Kg	0.96	
BFI-053-111-034-A4	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A4	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-A4	Vanadium	240		0.12	0.25	mg/Kg	240	
BFI-053-111-034-A4	Zinc	83		0.5	1	mg/Kg	83	
BFI-053-111-034-A5	Antimony	0.69		0.25	0.5	mg/Kg	0.69	
BFI-053-111-034-A5	Arsenic	4.9		0.12	0.25	mg/Kg	4.9	
BFI-053-111-034-A5	Barium	130		0.12	0.25	mg/Kg	130	
BFI-053-111-034-A5	Beryllium	0.6		0.05	0.1	mg/Kg	0.6	
BFI-053-111-034-A5	Cadmium	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A5	Chromium	130		0.12	0.25	mg/Kg	130	
BFI-053-111-034-A5	Cobalt	15		0.12	0.25	mg/Kg	15	
BFI-053-111-034-A5	Copper	54		0.12	0.25	mg/Kg	54	
BFI-053-111-034-A5	Lead	16		0.12	0.25	mg/Kg	16	
BFI-053-111-034-A5	Mercury	0.021		0.01	0.02	mg/Kg	0.021	
BFI-053-111-034-A5	Molybdenum	0.86		0.12	0.25	mg/Kg	0.86	
BFI-053-111-034-A5	Nickel	59		0.12	0.25	mg/Kg	59	
BFI-053-111-034-A5	Selenium	0.84		0.25	0.5	mg/Kg	0.84	
BFI-053-111-034-A5	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A5	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-A5	Vanadium	230		0.12	0.25	mg/Kg	230	
BFI-053-111-034-A5	Zinc	49		0.5	1	mg/Kg	49	
BFI-053-111-034-A6	Antimony	0.95		0.25	0.5	mg/Kg	0.95	
BFI-053-111-034-A6	Arsenic	5.3		0.12	0.25	mg/Kg	5.3	
BFI-053-111-034-A6	Barium	150		0.12	0.25	mg/Kg	150	
BFI-053-111-034-A6	Beryllium	0.63		0.05	0.1	mg/Kg	0.63	
BFI-053-111-034-A6	Cadmium	0.25	U	0.12	0.25	mg/Kg	0.25	U

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-034-A6	Chromium	130		0.12	0.25	mg/Kg	130	
BFI-053-111-034-A6	Cobalt	16		0.12	0.25	mg/Kg	16	
BFI-053-111-034-A6	Copper	77		0.12	0.25	mg/Kg	77	
BFI-053-111-034-A6	Lead	18		0.12	0.25	mg/Kg	18	
BFI-053-111-034-A6	Mercury	0.046		0.01	0.02	mg/Kg	0.046	
BFI-053-111-034-A6	Molybdenum	0.9		0.12	0.25	mg/Kg	0.9	
BFI-053-111-034-A6	Nickel	55		0.12	0.25	mg/Kg	55	
BFI-053-111-034-A6	Selenium	0.88		0.25	0.5	mg/Kg	0.88	
BFI-053-111-034-A6	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A6	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-A6	Vanadium	250		0.12	0.25	mg/Kg	250	
BFI-053-111-034-A6	Zinc	64		0.5	1	mg/Kg	64	
BFI-053-111-034-A7	Antimony	0.72		0.25	0.5	mg/Kg	0.72	
BFI-053-111-034-A7	Arsenic	5		0.12	0.25	mg/Kg	5	
BFI-053-111-034-A7	Barium	200		0.12	0.25	mg/Kg	200	
BFI-053-111-034-A7	Beryllium	0.59		0.05	0.1	mg/Kg	0.59	
BFI-053-111-034-A7	Cadmium	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A7	Chromium	170		0.12	0.25	mg/Kg	170	
BFI-053-111-034-A7	Cobalt	15		0.12	0.25	mg/Kg	15	
BFI-053-111-034-A7	Copper	68		0.12	0.25	mg/Kg	68	
BFI-053-111-034-A7	Lead	18		0.12	0.25	mg/Kg	18	
BFI-053-111-034-A7	Mercury	0.037		0.01	0.02	mg/Kg	0.037	
BFI-053-111-034-A7	Molybdenum	0.95		0.12	0.25	mg/Kg	0.95	
BFI-053-111-034-A7	Nickel	49		0.12	0.25	mg/Kg	49	
BFI-053-111-034-A7	Selenium	0.96		0.25	0.5	mg/Kg	0.96	
BFI-053-111-034-A7	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A7	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-A7	Vanadium	260		0.12	0.25	mg/Kg	260	
BFI-053-111-034-A7	Zinc	63		0.5	1	mg/Kg	63	
BFI-053-111-034-A8	Antimony	0.47	J	0.25	0.5	mg/Kg	0.47	J
BFI-053-111-034-A8	Arsenic	4.3		0.12	0.25	mg/Kg	4.3	
BFI-053-111-034-A8	Barium	130		0.12	0.25	mg/Kg	130	
BFI-053-111-034-A8	Beryllium	0.48		0.05	0.1	mg/Kg	0.48	
BFI-053-111-034-A8	Cadmium	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A8	Chromium	110		0.12	0.25	mg/Kg	110	
BFI-053-111-034-A8	Cobalt	12		0.12	0.25	mg/Kg	12	
BFI-053-111-034-A8	Copper	46		0.12	0.25	mg/Kg	46	
BFI-053-111-034-A8	Lead	13		0.12	0.25	mg/Kg	13	
BFI-053-111-034-A8	Mercury	0.034		0.01	0.02	mg/Kg	0.034	
BFI-053-111-034-A8	Molybdenum	0.77		0.12	0.25	mg/Kg	0.77	
BFI-053-111-034-A8	Nickel	41		0.12	0.25	mg/Kg	41	
BFI-053-111-034-A8	Selenium	0.7		0.25	0.5	mg/Kg	0.7	
BFI-053-111-034-A8	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-A8	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-A8	Vanadium	220		0.12	0.25	mg/Kg	220	

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-034-A8	Zinc	43		0.5	1	mg/Kg	43	
BFI-053-111-034-B1	Antimony	1.4		0.25	0.5	mg/Kg	1.4	
BFI-053-111-034-B1	Arsenic	6.4		0.12	0.25	mg/Kg	6.4	
BFI-053-111-034-B1	Barium	220		0.12	0.25	mg/Kg	220	
BFI-053-111-034-B1	Beryllium	0.77		0.05	0.1	mg/Kg	0.77	
BFI-053-111-034-B1	Cadmium	0.43		0.12	0.25	mg/Kg	0.43	
BFI-053-111-034-B1	Chromium	170		0.12	0.25	mg/Kg	170	
BFI-053-111-034-B1	Cobalt	22		0.12	0.25	mg/Kg	22	
BFI-053-111-034-B1	Copper	140		0.12	0.25	mg/Kg	140	
BFI-053-111-034-B1	Lead	37		0.12	0.25	mg/Kg	37	
BFI-053-111-034-B1	Mercury	0.093		0.01	0.02	mg/Kg	0.093	
BFI-053-111-034-B1	Molybdenum	0.98		0.12	0.25	mg/Kg	0.98	
BFI-053-111-034-B1	Nickel	68		0.12	0.25	mg/Kg	68	
BFI-053-111-034-B1	Selenium	1.3		0.25	0.5	mg/Kg	1.3	
BFI-053-111-034-B1	Silver	0.13	J	0.12	0.25	mg/Kg	0.13	J
BFI-053-111-034-B1	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-B1	Vanadium	250		0.12	0.25	mg/Kg	250	
BFI-053-111-034-B1	Zinc	160		0.5	1	mg/Kg	160	
BFI-053-111-034-B2	Antimony	1.5		0.25	0.5	mg/Kg	1.5	
BFI-053-111-034-B2	Arsenic	5.9		0.12	0.25	mg/Kg	5.9	
BFI-053-111-034-B2	Barium	170		0.12	0.25	mg/Kg	170	
BFI-053-111-034-B2	Beryllium	0.72		0.05	0.1	mg/Kg	0.72	
BFI-053-111-034-B2	Cadmium	0.44		0.12	0.25	mg/Kg	0.44	
BFI-053-111-034-B2	Chromium	190		0.12	0.25	mg/Kg	190	
BFI-053-111-034-B2	Cobalt	20		0.12	0.25	mg/Kg	20	
BFI-053-111-034-B2	Copper	69		0.12	0.25	mg/Kg	69	
BFI-053-111-034-B2	Lead	31		0.12	0.25	mg/Kg	31	
BFI-053-111-034-B2	Mercury	0.077		0.01	0.02	mg/Kg	0.077	
BFI-053-111-034-B2	Molybdenum	1		0.12	0.25	mg/Kg	1	
BFI-053-111-034-B2	Nickel	65		0.12	0.25	mg/Kg	65	
BFI-053-111-034-B2	Selenium	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-B2	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-B2	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-B2	Vanadium	240		0.12	0.25	mg/Kg	240	
BFI-053-111-034-B2	Zinc	230		0.5	1	mg/Kg	230	
BFI-053-111-034-B3	Antimony	1.6		0.25	0.5	mg/Kg	1.6	
BFI-053-111-034-B3	Arsenic	6.5		0.12	0.25	mg/Kg	6.5	
BFI-053-111-034-B3	Barium	210		0.12	0.25	mg/Kg	210	
BFI-053-111-034-B3	Beryllium	0.77		0.05	0.1	mg/Kg	0.77	
BFI-053-111-034-B3	Cadmium	0.51		0.12	0.25	mg/Kg	0.51	
BFI-053-111-034-B3	Chromium	220		0.12	0.25	mg/Kg	220	
BFI-053-111-034-B3	Cobalt	21		0.12	0.25	mg/Kg	21	
BFI-053-111-034-B3	Copper	83		0.12	0.25	mg/Kg	83	
BFI-053-111-034-B3	Lead	71		0.12	0.25	mg/Kg	71	
BFI-053-111-034-B3	Mercury	0.3		0.01	0.02	mg/Kg	0.3	

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-034-B3	Molybdenum	1.1		0.12	0.25	mg/Kg	1.1	
BFI-053-111-034-B3	Nickel	74		0.12	0.25	mg/Kg	74	
BFI-053-111-034-B3	Selenium	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-B3	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-B3	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-B3	Vanadium	250		0.12	0.25	mg/Kg	250	
BFI-053-111-034-B3	Zinc	280		0.5	1	mg/Kg	280	
BFI-053-111-034-B4	Antimony	0.89		0.25	0.5	mg/Kg	0.89	
BFI-053-111-034-B4	Arsenic	6.3		0.12	0.25	mg/Kg	6.3	
BFI-053-111-034-B4	Barium	200		0.12	0.25	mg/Kg	200	
BFI-053-111-034-B4	Beryllium	0.7		0.05	0.1	mg/Kg	0.7	
BFI-053-111-034-B4	Cadmium	0.47		0.12	0.25	mg/Kg	0.47	
BFI-053-111-034-B4	Chromium	190		0.12	0.25	mg/Kg	190	
BFI-053-111-034-B4	Cobalt	20		0.12	0.25	mg/Kg	20	
BFI-053-111-034-B4	Copper	80		0.12	0.25	mg/Kg	80	
BFI-053-111-034-B4	Lead	50		0.12	0.25	mg/Kg	50	
BFI-053-111-034-B4	Mercury	0.24		0.01	0.02	mg/Kg	0.24	
BFI-053-111-034-B4	Molybdenum	0.99		0.12	0.25	mg/Kg	0.99	
BFI-053-111-034-B4	Nickel	73		0.12	0.25	mg/Kg	73	
BFI-053-111-034-B4	Selenium	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-B4	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-B4	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-B4	Vanadium	250		0.12	0.25	mg/Kg	250	
BFI-053-111-034-B4	Zinc	170		0.5	1	mg/Kg	170	
BFI-053-111-034-C1	Antimony	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-C1	Arsenic	5.4		0.12	0.25	mg/Kg	5.4	
BFI-053-111-034-C1	Barium	180		0.12	0.25	mg/Kg	180	
BFI-053-111-034-C1	Beryllium	0.61		0.05	0.1	mg/Kg	0.61	
BFI-053-111-034-C1	Cadmium	0.35		0.12	0.25	mg/Kg	0.35	
BFI-053-111-034-C1	Chromium	160		0.12	0.25	mg/Kg	160	
BFI-053-111-034-C1	Cobalt	20		0.12	0.25	mg/Kg	20	
BFI-053-111-034-C1	Copper	90		0.12	0.25	mg/Kg	90	
BFI-053-111-034-C1	Lead	29		0.12	0.25	mg/Kg	29	
BFI-053-111-034-C1	Mercury	0.068		0.01	0.02	mg/Kg	0.068	
BFI-053-111-034-C1	Molybdenum	0.91		0.12	0.25	mg/Kg	0.91	
BFI-053-111-034-C1	Nickel	64		0.12	0.25	mg/Kg	64	
BFI-053-111-034-C1	Selenium	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-C1	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-C1	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-C1	Vanadium	200		0.12	0.25	mg/Kg	200	
BFI-053-111-034-C1	Zinc	140		0.5	1	mg/Kg	140	
BFI-053-111-034-C2	Antimony	1.3		0.25	0.5	mg/Kg	1.3	
BFI-053-111-034-C2	Arsenic	6.1		0.12	0.25	mg/Kg	6.1	
BFI-053-111-034-C2	Barium	200		0.12	0.25	mg/Kg	200	
BFI-053-111-034-C2	Beryllium	0.71		0.05	0.1	mg/Kg	0.71	

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-034-C2	Cadmium	0.36		0.12	0.25	mg/Kg	0.36	
BFI-053-111-034-C2	Chromium	170		0.12	0.25	mg/Kg	170	
BFI-053-111-034-C2	Cobalt	21		0.12	0.25	mg/Kg	21	
BFI-053-111-034-C2	Copper	76		0.12	0.25	mg/Kg	76	
BFI-053-111-034-C2	Lead	30		0.12	0.25	mg/Kg	30	
BFI-053-111-034-C2	Mercury	0.059		0.01	0.02	mg/Kg	0.059	
BFI-053-111-034-C2	Molybdenum	1		0.12	0.25	mg/Kg	1	
BFI-053-111-034-C2	Nickel	66		0.12	0.25	mg/Kg	66	
BFI-053-111-034-C2	Selenium	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-C2	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-C2	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-C2	Vanadium	240		0.12	0.25	mg/Kg	240	
BFI-053-111-034-C2	Zinc	140		0.5	1	mg/Kg	140	
BFI-053-111-034-D1	Antimony	1.6		0.25	0.5	mg/Kg	1.6	
BFI-053-111-034-D1	Arsenic	5.6		0.12	0.25	mg/Kg	5.6	
BFI-053-111-034-D1	Barium	270		0.12	0.25	mg/Kg	270	
BFI-053-111-034-D1	Beryllium	0.57		0.05	0.1	mg/Kg	0.57	
BFI-053-111-034-D1	Cadmium	0.76		0.12	0.25	mg/Kg	0.76	
BFI-053-111-034-D1	Chromium	170		0.12	0.25	mg/Kg	170	
BFI-053-111-034-D1	Cobalt	21		0.12	0.25	mg/Kg	21	
BFI-053-111-034-D1	Copper	70		0.12	0.25	mg/Kg	70	
BFI-053-111-034-D1	Lead	86		0.12	0.25	mg/Kg	86	
BFI-053-111-034-D1	Mercury	0.1		0.01	0.02	mg/Kg	0.1	
BFI-053-111-034-D1	Molybdenum	1		0.12	0.25	mg/Kg	1	
BFI-053-111-034-D1	Nickel	72		0.12	0.25	mg/Kg	72	
BFI-053-111-034-D1	Selenium	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-D1	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-D1	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-D1	Vanadium	220		0.12	0.25	mg/Kg	220	
BFI-053-111-034-D1	Zinc	330		0.5	1	mg/Kg	330	
BFI-053-111-034-D2	Antimony	1.4		0.25	0.5	mg/Kg	1.4	
BFI-053-111-034-D2	Arsenic	6.2		0.12	0.25	mg/Kg	6.2	
BFI-053-111-034-D2	Barium	210		0.12	0.25	mg/Kg	210	
BFI-053-111-034-D2	Beryllium	0.71		0.05	0.1	mg/Kg	0.71	
BFI-053-111-034-D2	Cadmium	0.42		0.12	0.25	mg/Kg	0.42	
BFI-053-111-034-D2	Chromium	180		0.12	0.25	mg/Kg	180	
BFI-053-111-034-D2	Cobalt	21		0.12	0.25	mg/Kg	21	
BFI-053-111-034-D2	Copper	93		0.12	0.25	mg/Kg	93	
BFI-053-111-034-D2	Lead	41		0.12	0.25	mg/Kg	41	
BFI-053-111-034-D2	Mercury	0.076		0.01	0.02	mg/Kg	0.076	
BFI-053-111-034-D2	Molybdenum	1.2		0.12	0.25	mg/Kg	1.2	
BFI-053-111-034-D2	Nickel	71		0.12	0.25	mg/Kg	71	
BFI-053-111-034-D2	Selenium	1.2		0.25	0.5	mg/Kg	1.2	
BFI-053-111-034-D2	Silver	0.13	J	0.12	0.25	mg/Kg	0.13	J
BFI-053-111-034-D2	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U

SampleName	Analyte	Lab_Result	Lab_Qual	MDL	PQL	Units	Val_Result	Val_Qual
BFI-053-111-034-D2	Vanadium	260		0.12	0.25	mg/Kg	260	
BFI-053-111-034-D2	Zinc	150		0.5	1	mg/Kg	150	
BFI-053-111-034-E1	Antimony	0.67		0.25	0.5	mg/Kg	0.67	
BFI-053-111-034-E1	Arsenic	6		0.12	0.25	mg/Kg	6	
BFI-053-111-034-E1	Barium	160		0.12	0.25	mg/Kg	160	
BFI-053-111-034-E1	Beryllium	0.83		0.05	0.1	mg/Kg	0.83	
BFI-053-111-034-E1	Cadmium	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-E1	Chromium	150		0.12	0.25	mg/Kg	150	
BFI-053-111-034-E1	Cobalt	18		0.12	0.25	mg/Kg	18	
BFI-053-111-034-E1	Copper	100		0.12	0.25	mg/Kg	100	
BFI-053-111-034-E1	Lead	17		0.12	0.25	mg/Kg	17	
BFI-053-111-034-E1	Mercury	0.034		0.01	0.02	mg/Kg	0.034	
BFI-053-111-034-E1	Molybdenum	1.1		0.12	0.25	mg/Kg	1.1	
BFI-053-111-034-E1	Nickel	59		0.12	0.25	mg/Kg	59	
BFI-053-111-034-E1	Selenium	1		0.25	0.5	mg/Kg	1	
BFI-053-111-034-E1	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-E1	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-E1	Vanadium	270		0.12	0.25	mg/Kg	270	
BFI-053-111-034-E1	Zinc	52		0.5	1	mg/Kg	52	
BFI-053-111-034-E2	Antimony	0.8		0.25	0.5	mg/Kg	0.8	
BFI-053-111-034-E2	Arsenic	5.8		0.12	0.25	mg/Kg	5.8	
BFI-053-111-034-E2	Barium	150		0.12	0.25	mg/Kg	150	
BFI-053-111-034-E2	Beryllium	0.84		0.05	0.1	mg/Kg	0.84	
BFI-053-111-034-E2	Cadmium	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-E2	Chromium	150		0.12	0.25	mg/Kg	150	
BFI-053-111-034-E2	Cobalt	18		0.12	0.25	mg/Kg	18	
BFI-053-111-034-E2	Copper	73		0.12	0.25	mg/Kg	73	
BFI-053-111-034-E2	Lead	15		0.12	0.25	mg/Kg	15	
BFI-053-111-034-E2	Mercury	0.022		0.01	0.02	mg/Kg	0.022	
BFI-053-111-034-E2	Molybdenum	1.1		0.12	0.25	mg/Kg	1.1	
BFI-053-111-034-E2	Nickel	60		0.12	0.25	mg/Kg	60	
BFI-053-111-034-E2	Selenium	0.98		0.25	0.5	mg/Kg	0.98	
BFI-053-111-034-E2	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-E2	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-E2	Vanadium	270		0.12	0.25	mg/Kg	270	
BFI-053-111-034-E2	Zinc	54		0.5	1	mg/Kg	54	

Alpha Analytical, Inc
255 Glendale Ave, #21
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July 08, 2019

Susan Gallagher
Tetra Tech
1999 Harrison Street #500
Oakland, CA 94612-
TEL: (510) 302-6300
FAX

RE: Camp Fire Incident

Order No.: TET1907088

Dear Susan Gallagher:

Due to the strict project requirements requested by the client, RSDs for some analytes may be elevated at or near the lowered reporting limits.

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Randy Gardner
Laboratory Manager
255 Glendale Ave, #21
Sparks, Nevada 89431

Alpha Analytical, Inc.

(775) 355-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: **TET1907088**
Report Date: **7/8/2019**

CLIENT: Tetra Tech
Collection Date: 7/1/2019 5:50:00 PM
Project: Camp Fire Incident
Lab ID: 1907088-01
Matrix: SOIL
Client Sample ID BFI-053-111-034-D1-R1

Analyses	Result	RL	MDL	Qual	Units	Date Analyzed	Method
Beryllium (Be)	0.69	0.10	0.050		mg/Kg	7/5/2019	Metals by EPA 6020
Vanadium (V)	170	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Chromium (Cr)	150	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Cobalt (Co)	18	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Nickel (Ni)	47	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Copper (Cu)	43	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Zinc (Zn)	100	1.0	0.50		mg/Kg	7/5/2019	Metals by EPA 6020
Arsenic (As)	5.1	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Selenium (Se)	1.4	0.50	0.25		mg/Kg	7/5/2019	Metals by EPA 6020
Molybdenum (Mo)	0.94	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Silver (Ag)	ND	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Cadmium (Cd)	0.56	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Antimony (Sb)	0.87	0.50	0.25		mg/Kg	7/5/2019	Metals by EPA 6020
Barium (Ba)	180	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020
Mercury (Hg)	0.094	0.020	0.010		mg/Kg	7/5/2019	Metals by EPA 6020
Thallium (Tl)	ND	0.50	0.25		mg/Kg	7/5/2019	Metals by EPA 6020
Lead (Pb)	40	0.25	0.12		mg/Kg	7/5/2019	Metals by EPA 6020

Alpha Analytical, Inc
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Sparks, Nevada 89431
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Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: **1907088**

08-Jul-19

Client: Tetra Tech
Project: Camp Fire Incident
TestCode: **METALS_SO_F**

Sample ID: **MB-8059** SampType: **MBLK** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **PBS** Batch ID: **8059** TestNo: **E200.8**
Prep Date: **7/3/2019** RunNo: **6965** SeqNo: **201232**
Analysis Date: **7/5/2019**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium (Be)	ND	0.1									
Vanadium (V)	ND	0.25									
Chromium (Cr)	ND	0.25									
Cobalt (Co)	ND	0.25									
Nickel (Ni)	ND	0.25									
Copper (Cu)	ND	0.25									
Zinc (Zn)	ND	1									
Arsenic (As)	ND	0.25									
Selenium (Se)	ND	0.5									
Molybdenum (Mo)	ND	0.25									
Silver (Ag)	ND	1									
Cadmium (Cd)	ND	0.25									
Antimony (Sb)	ND	0.5									
Barium (Ba)	ND	0.25									
Mercury (Hg)	ND	0.02									
Thallium (Tl)	ND	0.5									
Lead (Pb)	ND	0.25									

Sample ID: **LCS-8059** SampType: **LCS** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **LCSS** Batch ID: **8059** TestNo: **E200.8**
Prep Date: **7/3/2019** RunNo: **6965** SeqNo: **201233**
Analysis Date: **7/5/2019**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium (Be)	50.4	0.1	50	0	101	79.51	120.49				
Vanadium (V)	49.4	0.25	50	0	98.9	79.51	120.49				
Chromium (Cr)	50.3	0.25	50	0	101	79.51	120.49				
Cobalt (Co)	50.3	0.25	50	0	101	79.51	120.49				
Nickel (Ni)	47.9	0.25	50	0	95.7	79.51	120.49				
Copper (Cu)	51.4	0.25	50	0	103	79.51	120.49				
Zinc (Zn)	47.4	1	50	0	94.7	79.51	120.49				
Arsenic (As)	49	0.25	50	0	98.0	79.51	120.49				
Selenium (Se)	50.2	0.5	50	0	100	79.51	120.49				
Molybdenum (Mo)	47.3	0.25	50	0	94.7	79.51	120.49				
Silver (Ag)	51.3	1	50	0	103	79.51	120.49				
Cadmium (Cd)	50.2	0.25	50	0	100	79.51	120.49				
Antimony (Sb)	51.6	0.5	50	0	103	79.51	120.49				
Barium (Ba)	49.7	0.25	50	0	99.3	79.51	120.49				
Mercury (Hg)	0.974	0.02	1	0	97.4	79.51	120.49				

Qualifiers:

B	Analyte detected in the associated Method Blank
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1907088**

08-Jul-19

Client: Tetra Tech
Project: Camp Fire Incident
TestCode: **METALS_SO_F**

Sample ID: **LCS-8059** SampType: **LCS** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **LCSS** Batch ID: **8059** TestNo: **E200.8**
Prep Date: **7/3/2019** RunNo: **6965** SeqNo: **201233**
Analysis Date: **7/5/2019**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium (Tl)	53.2	0.5	50	0	106	79.51	120.49				
Lead (Pb)	50.9	0.25	50	0	102	79.51	120.49				

Sample ID: **1907088-01AMSD** SampType: **MSD** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **BFI-053-111-034-D1-R1MSD** Batch ID: **8059** TestNo: **E200.8**
Prep Date: **7/3/2019** RunNo: **6965** SeqNo: **201236**
Analysis Date: **7/5/2019**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium (Be)	47.1	0.1	50	0.693	92.8	69.51	130.49	54.7	15	30	
Vanadium (V)	209	0.25	50	174	71.6	69.51	130.49	243	15	30	
Chromium (Cr)	188	0.25	50	152	72.9	69.51	130.49	217	14	30	
Cobalt (Co)	60.5	0.25	50	18	85.0	69.51	130.49	70.3	15	30	
Nickel (Ni)	90.5	0.25	50	46.6	87.7	69.51	130.49	109	19	30	
Copper (Cu)	88.4	0.25	50	43.3	90.3	69.51	130.49	106	18	30	
Zinc (Zn)	135	1	50	103	62.6	69.51	130.49	159	17	30	S
Arsenic (As)	43.4	0.25	50	5.13	76.5	69.51	130.49	49.4	13	30	
Selenium (Se)	36.6	0.5	50	1.42	70.4	69.51	130.49	43.1	16	30	
Molybdenum (Mo)	41.3	0.25	50	0.936	80.8	69.51	130.49	46.5	12	30	
Silver (Ag)	47.1	1	50	0	94.3	69.51	130.49	54.8	15	30	
Cadmium (Cd)	47.9	0.25	50	0.565	94.6	69.51	130.49	53.6	11	30	
Antimony (Sb)	45.4	0.5	50	0.867	89.1	69.51	130.49	51.4	12	30	
Barium (Ba)	217	0.25	50	182	70.6	69.51	130.49	247	13	30	
Mercury (Hg)	1.04	0.02	1	0.0945	95.0	69.51	130.49	1.15	9.2	30	
Thallium (Tl)	46.9	0.5	50	0	93.8	69.51	130.49	53.7	14	30	
Lead (Pb)	83.9	0.25	50	40	87.7	69.51	130.49	99.8	17	30	

Sample ID: **1907088-01AMS** SampType: **MS** TestCode: **METALS_SO** Units: **mg/Kg**
Client ID: **BFI-053-111-034-D1-R1MS** Batch ID: **8059** TestNo: **E200.8**
Prep Date: **7/3/2019** RunNo: **6965** SeqNo: **201235**
Analysis Date: **7/5/2019**

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium (Be)	54.7	0.1	50	0.693	108	69.51	130.49				
Vanadium (V)	243	0.25	50	174	138	69.51	130.49				S
Chromium (Cr)	217	0.25	50	152	131	69.51	130.49				S
Cobalt (Co)	70.3	0.25	50	18	105	69.51	130.49				
Nickel (Ni)	109	0.25	50	46.6	125	69.51	130.49				

Qualifiers:
- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1907088**

08-Jul-19

Client: Tetra Tech
Project: Camp Fire Incident

TestCode: **METALS_SO_F**

Sample ID:	**1907088-01AMS**	SampType:	**MS**	TestCode:	**METALS_SO**	Units:	**mg/Kg**
Client ID:	**BFI-053-111-034-D1-R1MS**	Batch ID:	**8059**	TestNo:	**E200.8**		
Prep Date:	**7/3/2019**	RunNo:	**6965**	SeqNo:	**201235**		
Analysis Date:	**7/5/2019**						

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper (Cu)	106	0.25	50	43.3	125	69.51	130.49				
Zinc (Zn)	159	1	50	103	112	69.51	130.49				
Arsenic (As)	49.4	0.25	50	5.13	88.6	69.51	130.49				
Selenium (Se)	43.1	0.5	50	1.42	83.4	69.51	130.49				
Molybdenum (Mo)	46.5	0.25	50	0.936	91.2	69.51	130.49				
Silver (Ag)	54.8	1	50	0	110	69.51	130.49				
Cadmium (Cd)	53.6	0.25	50	0.565	106	69.51	130.49				
Antimony (Sb)	51.4	0.5	50	0.867	101	69.51	130.49				
Barium (Ba)	247	0.25	50	182	130	69.51	130.49				
Mercury (Hg)	1.15	0.02	1	0.0945	105	69.51	130.49				
Thallium (Tl)	53.7	0.5	50	0	107	69.51	130.49				
Lead (Pb)	99.8	0.25	50	40	120	69.51	130.49				

Qualifiers:

B	Analyte detected in the associated Method Blank
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

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Definition Only

WO#: **1907088**
Date: **7/8/2019**

Definitions:

ND = Not Detected

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S52 = Surrogate recovery was above laboratory acceptance limits. Probable matrix effect.

S53 = Surrogate recovery was below laboratory acceptance limits. Probable matrix effect.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Susan Gallagher

CHAIN-OF-CUSTODY RECORD

CA

RUSH

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431

TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder: TET1907088
Report Due By: 08-Jul-19
EDD Required: YES

Report Attention: Susan Gallagher

Client:
Tetra Tech
1999 Harrison Street #500
Oakland, CA 94612-

TEL: (510) 302-6300
FAX:
ProjectNo: Camp Fire Incident

Date Received: 03-Jul-19

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests METALS_SO_F							Sample Remarks
TET1907088-01	BFI-053-111-034-D1-R1	SO	7/1/2019 5:50:00 PM	1	0	2	A-CAM_17_TTLC							

Comments: 48 HR TAT.

	Signature	Print Name	Company	Date/Time
Logged in by:		Yen	Alpha Analytical, Inc.	7·3·19 8:48

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

CHAIN OF CUSTODY RECORD

Camp Fire Incident
Location: Butte County, CA

No:

AET		BSK		Pace	
Alpha	X	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: 1	**Date Shipped:** 07/02/2019	**Purchase Order:**		**Sampled By:** _Isaac & Yaphett Saunders	

Lab #	Sample #	Collected	Sample Time	Containers	Location	Analysis	Matrix	TAT
TET1907088-01	BFI-053-111-034-D1-R1	7/1/2019	17:50:00	1	955 Elliott Rd Paradise CA 95969	CA Title 22 Metals	Soil	48 hr

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
	TT	7/1/19 1900		7/2/19 3:42	

7.3.19
8:48

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Camp Fire Incident	**Project No.**	103IS620603
Data Reviewer (signature and date)	Jaiah Williams 9/4/19	**Laboratory/ Report No.**	Alpha Analytical/1907088
Analyses	Metals by SW-846 Method 6020A		
Samples	BFI-053-111-034-D1-R1		

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 or qualification of data was required for this data package. The data can be used as reported by the laboratory.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

Method blanks:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

MS/MSD:

Within Criteria	Exceedance/Notes
Y	BFI-053-111-034-D1-R1: Low %R for zinc – no flag (average recovery within acceptance limit) High %R for vanadium, chromium – no flag (average recovery within acceptance limit)

Field triplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
NA	The laboratory did not report the dilution factors for the samples analyzed.

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
ALPHA ANALYTICAL REPORT NO. 1907088

SampleName	Analyte	Result	LabQuals	MDL	PQL	Units	ValResult	ValQuals
BFI-053-111-034-D1-R1	Antimony	0.87		0.25	0.5	mg/Kg	0.87	
BFI-053-111-034-D1-R1	Arsenic	5.1		0.12	0.25	mg/Kg	5.1	
BFI-053-111-034-D1-R1	Barium	180		0.12	0.25	mg/Kg	180	
BFI-053-111-034-D1-R1	Beryllium	0.69		0.05	0.1	mg/Kg	0.69	
BFI-053-111-034-D1-R1	Cadmium	0.56		0.12	0.25	mg/Kg	0.56	
BFI-053-111-034-D1-R1	Chromium	150		0.12	0.25	mg/Kg	150	
BFI-053-111-034-D1-R1	Cobalt	18		0.12	0.25	mg/Kg	18	
BFI-053-111-034-D1-R1	Copper	43		0.12	0.25	mg/Kg	43	
BFI-053-111-034-D1-R1	Lead	40		0.12	0.25	mg/Kg	40	
BFI-053-111-034-D1-R1	Mercury	0.094		0.01	0.02	mg/Kg	0.094	
BFI-053-111-034-D1-R1	Molybdenum	0.94		0.12	0.25	mg/Kg	0.94	
BFI-053-111-034-D1-R1	Nickel	47		0.12	0.25	mg/Kg	47	
BFI-053-111-034-D1-R1	Selenium	1.4		0.25	0.5	mg/Kg	1.4	
BFI-053-111-034-D1-R1	Silver	0.25	U	0.12	0.25	mg/Kg	0.25	U
BFI-053-111-034-D1-R1	Thallium	0.5	U	0.25	0.5	mg/Kg	0.5	U
BFI-053-111-034-D1-R1	Vanadium	170		0.12	0.25	mg/Kg	170	
BFI-053-111-034-D1-R1	Zinc	100		0.5	1	mg/Kg	100	

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	053-111-034
Address	955 Elliott Rd
Background Set	TVP Area
Structures Sampled	A: 15,275 sf B: 1,600 sf C: 500 sf D: 128 sf E: 300 sf
Samples Collected	A1, A2, A3, A4, A5, A6, A7, A8, B1, B2, B3, B4, C1, C2, D1, D1-R1, D2, E1, E2
Dates Collected	05/11/19, 07/01/19
Analytical Laboratory	Alpha Analytical, Inc.

Conclusions: Approved. All cleanup goals achieved.

Date Approved: July 12, 2019

Observations: _____

REGISTERED PROFESSIONAL ENGINEER
TODD THALHAMER
No. C055197
6/30/20
CIVIL
STATE OF CALIFORNIA

Todd Thalhamer
CalRecycle, Operations Section Chief

Diane Lamkin, PG #6775
CalOES, Planning Section Chief

Camp Fire Incident

Property Report | Butte County, California

Erosion Control Worksheet

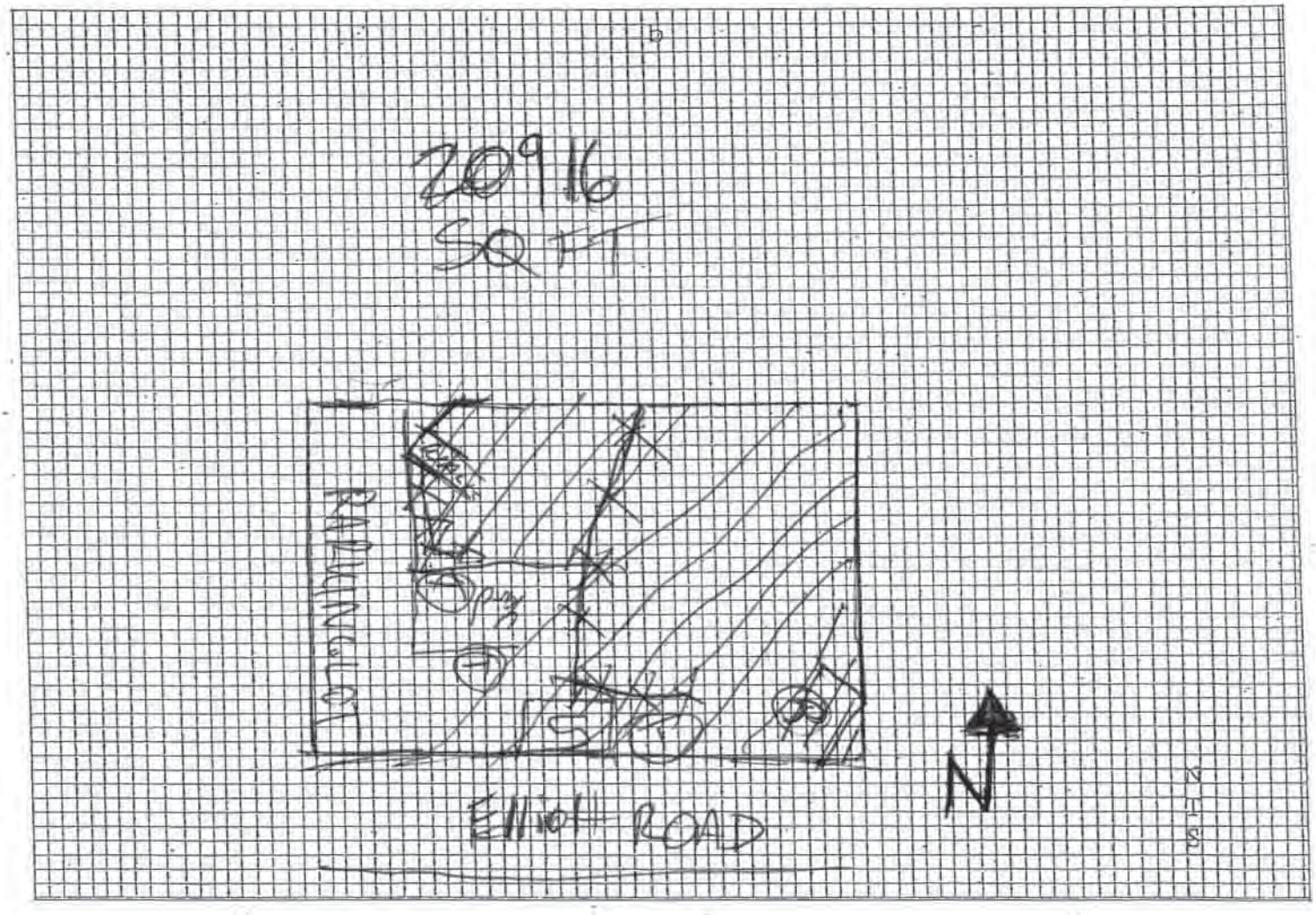
CAMP FIRE INCIDENT EROSION CONTROL WORKSHEET Date: 08/08/19

SITE ADDRESS: 955 Elliott Road 053-111-034

Level of Erosion Control per Erosion Control Work Group: Level 2 (3, 4)

Observations: 250 feet wattle 20916 Square feet

HYDRO MULCH



CalRecycle, Operations Chief

XXXX = wattle

T = Tree R = Rock

//// = Hydromulch

S = Septic

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: 955 Elliott Rd Paradise CA 95969 APN: 053-111-034

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: 8/21/2019

Debris Removal Project Approved Observations:

1. Driveways are intact.
2. Two septic tanks are covered with plywood and hard fencing is installed. Two septic tanks appear intact. Three septic tanks are located around primary footprint, one septic is by third footprint.
3. Retaining walls are intact. Retaining walls left in place to prevent the erosion of native soil.
4. Water spigot is located on east side of primary footprint. Other utilities are not marked or apparent.
5. This lot appears free of debris. All cleanup goals are achieved.

Stephen Snavely

Print Name

CalRecycle/CalOES Staff

Raymond Rumuth

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

APPENDIX F

EDR RADIUS MAP REPORT

Paradise USD - New School Facility
955 Elliot Road
Paradise, CA 95969

Inquiry Number: 8184619.2s
November 25, 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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LIGHTBOX LIVE

Open LightBox Live to access data, tools, and advanced analytics in one online platform.

http://www.web.edrnet.com/ordering/switchboard/login.aspx?s=goto_lightbox&pguid=60B2BF4F-ECB8-42C8-B0DB-CFC7EB7BDE48

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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 - 23), 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

955 ELLIOT ROAD
PARADISE, CA 95969

COORDINATES

Latitude (North):	39.7600260 - 39˚ 45' 36.09''
Longitude (West):	121.6142690 - 121˚ 36' 51.36''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	618703.8
UTM Y (Meters):	4401831.5
Elevation:	1852 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:	20220714
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
955 ELLIOT 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	Lower	120, 0.023, East
A2	PARADISE HIGH SCHOOL	5911 MAXWELL RD	RCRA-SQG	Higher	323, 0.061, NNE
A3	PARADISE HIGH SCHOOL	5911 MAXWELL DR	CERS HAZ WASTE, HWTS, HAZNET, NPDES, CIWQS, CERS	Higher	323, 0.061, NNE
4	RIDGEVIEW CONTINUATI	5944 MAXWELL DRIVE	ENVIROSTOR, SCH, NPDES, CIWQS, CERS	Higher	575, 0.109, NE
B5	5851 JAMES DRIVE	5851 JAMES DRIVE	RCRA NonGen / NLR, E MANIFEST	Lower	686, 0.130, WSW
C6	5844 JAMES DRIVE	5844 JAMES DRIVE	RCRA NonGen / NLR, E MANIFEST	Lower	753, 0.143, SW
B7	5849 JAMES DRIVE	5849 JAMES DRIVE	RCRA NonGen / NLR, E MANIFEST	Lower	782, 0.148, WSW
B8	5847 JAMES DRIVE	5847 JAMES DRIVE	RCRA NonGen / NLR, E MANIFEST	Lower	869, 0.165, WSW
C9	5842 JAMES DRIVE	5842 JAMES DRIVE	RCRA NonGen / NLR, E MANIFEST	Lower	922, 0.175, SW
10	FRANK FILER	5845 JAMES DRIVE, UN	RCRA NonGen / NLR, E MANIFEST	Lower	1010, 0.191, SW
D11	RUSSELLS AUTO REPAIR	797 ELLIOTT RD STE A	CUPA Listings, HWTS, HAZNET	Lower	1117, 0.212, West
D12	BURKETT'S AUTO	797 ELLIOTT RD	CUPA Listings	Lower	1117, 0.212, West
13	HOLLINGSWORTH, OWEN	1049 MAPLE PARK DR	RCRA NonGen / NLR, E MANIFEST	Higher	1124, 0.213, ENE
D14	RUSSELL'S AUTO REPAI	797 ELLIOTT RD STE A	CUPA Listings	Lower	1141, 0.216, West
15	DAVID GILLETT DMD	7080 SKYWAY # A	CUPA Listings	Higher	1178, 0.223, NW
D16	PARADISE PRINTING	795 ELLIOTT RD	RCRA NonGen / NLR	Lower	1200, 0.227, West
17	1004 FAIRVIEW DR.	1004 FAIRVIEW DR.	RCRA NonGen / NLR, E MANIFEST	Higher	1218, 0.231, NE
D18	CALIFORNIA CLASSICS	795 ELLIOTT RD STE B	CUPA Listings, EMI, HWTS	Lower	1219, 0.231, West
E19	ARCO SS #5819	5987 CLARK RD	UST FINDER RELEASE	Higher	1519, 0.288, East
E20	PARADISE ARCO STATIO	5987 CLARK ROAD	LUST, CERS HAZ WASTE, SWEEPS UST, CERS TANKS, CA...	Higher	1519, 0.288, East
E21	ARCO SS #5819, CASE	5987 CLARK RD	UST FINDER RELEASE	Higher	1519, 0.288, East
F22	QUALITY USED TIRE	6057 CLARK RD	UST FINDER RELEASE	Lower	1763, 0.334, East
F23	QUALITY USED TIRE	6057 CLARK RD	LUST, Cortese, CUPA Listings, HIST CORTESE, CERS	Lower	1763, 0.334, East
G24	BEACON SS #455 PARAD	6901 SKYWAY RD	UST FINDER RELEASE	Lower	1808, 0.342, NW
G25	BEACON SS #455 PARAD	6901 SKYWAY RD	LUST, CA FID UST, Cortese, HIST CORTESE, CERS	Lower	1808, 0.342, NW
G26	BEACON STATION #455	6901 SKYWAY	SWEEPS UST, Notify 65	Lower	1808, 0.342, NW
H27	PARADISE VETERANS HA	6550 SKYWAY RD	LUST, Cortese, HIST CORTESE, CERS	Lower	1945, 0.368, West
H28	PARADISE VETERANS HA	6550 SKYWAY RD	UST FINDER RELEASE	Lower	1945, 0.368, West
I29	BEACON STATION #1-68	6490 SKYWAY	LUST, SWEEPS UST, CA FID UST, Cortese, HIST...	Lower	2205, 0.418, West
I30	BEACON SS #681 PARAD	6490 SKYWAY RD	UST FINDER RELEASE	Lower	2205, 0.418, West
I31	UNOCAL SS #5816 PARA	6505 SKYWAY RD	UST FINDER RELEASE	Lower	2356, 0.446, West
I32	UNOCAL SS #5816 PARA	6505 SKYWAY RD	UST FINDER RELEASE	Lower	2356, 0.446, West
I33	UNOCAL SS #5816 PARA	6505 SKYWAY RD	LUST, SWEEPS UST, HIST UST, CA FID UST, Cortese,...	Lower	2356, 0.446, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

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

EXECUTIVE SUMMARY

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

Lists of state and tribal voluntary cleanup sites

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

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

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

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

EXECUTIVE SUMMARY

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
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
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
UST FINDER	UST Finder Database
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

EXECUTIVE SUMMARY

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
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 06/02/2025 has revealed that there is 1 RCRA-SQG site 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	NNE 0 - 1/8 (0.061 mi.)	A2	11

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 07/17/2025 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
RIDGEVIEW CONTINUATI	***5944 MAXWELL DRIVE***	***NE 0 - 1/8 (0.109 mi.)***	***4***	***26***
Facility Id: 60003086				
Status: No Action Required				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACQUISITION PARCEL F	***5892 MAXWELL DRIVE***	***E 0 - 1/8 (0.023 mi.)***	***1***	***9***
Facility Id: 60003499				
Status: Active				

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 6 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***	***E 1/4 - 1/2 (0.288 mi.)***	***E20***	***79***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/29/2025				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0600700065				
Global Id: T0600700204				

Lower Elevation	Address	Direction / Distance	Map ID	Page
QUALITY USED TIRE	***6057 CLARK RD***	***E 1/4 - 1/2 (0.334 mi.)***	***F23***	***118***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/29/2025				
Status: Completed - Case Closed				

Status: Case Closed
Global Id: T0600700044

BEACON SS #455 PARAD	***6901 SKYWAY RD***	***NW 1/4 - 1/2 (0.342 mi.)***	***G25***	***122***

Database: LUST REG 5, Date of Government Version: 07/01/2008
Database: LUST, Date of Government Version: 08/29/2025
Status: Completed - Case Closed
Status: Case Closed
Global Id: T0600700054

PARADISE VETERANS HA	***6550 SKYWAY RD***	***W 1/4 - 1/2 (0.368 mi.)***	***H27***	***128***

Database: LUST REG 5, Date of Government Version: 07/01/2008
Database: LUST, Date of Government Version: 08/29/2025
Status: Completed - Case Closed
Status: Case Closed
Global Id: T0600700042

BEACON STATION #1-68	***6490 SKYWAY***	***W 1/4 - 1/2 (0.418 mi.)***	***I29***	***132***

Database: LUST REG 5, Date of Government Version: 07/01/2008
Database: LUST, Date of Government Version: 08/29/2025
Status: Completed - Case Closed
Status: Case Closed
Global Id: T0600700024

UNOCAL SS #5816 PARA	***6505 SKYWAY RD***	***W 1/4 - 1/2 (0.446 mi.)***	***I33***	***139***

Database: LUST REG 5, Date of Government Version: 07/01/2008
Database: LUST, Date of Government Version: 08/29/2025
Status: Completed - Case Closed
Status: Case Closed
Global Id: T0600700018
Global Id: T0600700105

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 07/17/2025 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
RIDGEVIEW CONTINUATI	***5944 MAXWELL DRIVE***	***NE 0 - 1/8 (0.109 mi.)***	***4***	***26***

Facility Id: 60003086
Status: No Action Required

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACQUISITION PARCEL F	***5892 MAXWELL DRIVE***	***E 0 - 1/8 (0.023 mi.)***	***1***	***9***

Facility Id: 60003499
Status: Active

EXECUTIVE SUMMARY

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 04/14/2025 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARADISE HIGH SCHOOL	***5911 MAXWELL DR***	***NNE 0 - 1/8 (0.061 mi.)***	***A3***	***13***

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 06/02/2025 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***	***ENE 1/8 - 1/4 (0.213 mi.)***	***13***	***64***
1004 FAIRVIEW DR. EPA ID:: CAC003104742	***1004 FAIRVIEW DR.***	***NE 1/8 - 1/4 (0.231 mi.)***	***17***	***70***

Lower Elevation	Address	Direction / Distance	Map ID	Page
5851 JAMES DRIVE EPA ID:: CAC003014197	***5851 JAMES DRIVE***	***WSW 1/8 - 1/4 (0.130 mi.)***	***B5***	***32***
5844 JAMES DRIVE EPA ID:: CAC003014383	***5844 JAMES DRIVE***	***SW 1/8 - 1/4 (0.143 mi.)***	***C6***	***35***
5849 JAMES DRIVE EPA ID:: CAC003014400	***5849 JAMES DRIVE***	***WSW 1/8 - 1/4 (0.148 mi.)***	***B7***	***39***
5847 JAMES DRIVE EPA ID:: CAC003014182	***5847 JAMES DRIVE***	***WSW 1/8 - 1/4 (0.165 mi.)***	***B8***	***43***
5842 JAMES DRIVE EPA ID:: CAC003014369	***5842 JAMES DRIVE***	***SW 1/8 - 1/4 (0.175 mi.)***	***C9***	***47***
FRANK FILER EPA ID:: CAC003014359	***5845 JAMES DRIVE, UN***	***SW 1/8 - 1/4 (0.191 mi.)***	***10***	***51***
PARADISE PRINTING EPA ID:: CAL000400047	795 ELLIOTT RD	W 1/8 - 1/4 (0.227 mi.)	D16	68

EXECUTIVE SUMMARY

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 8 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	E 1/4 - 1/2 (0.288 mi.)	E19	78
ARCO SS #5819, CASE	5987 CLARK RD	E 1/4 - 1/2 (0.288 mi.)	E21	116

Lower Elevation	Address	Direction / Distance	Map ID	Page
QUALITY USED TIRE	6057 CLARK RD	E 1/4 - 1/2 (0.334 mi.)	F22	117
BEACON SS #455 PARAD	6901 SKYWAY RD	NW 1/4 - 1/2 (0.342 mi.)	G24	121
PARADISE VETERANS HA	6550 SKYWAY RD	W 1/4 - 1/2 (0.368 mi.)	H28	131
BEACON SS #681 PARAD	6490 SKYWAY RD	W 1/4 - 1/2 (0.418 mi.)	I30	136
UNOCAL SS #5816 PARA	6505 SKYWAY RD	W 1/4 - 1/2 (0.446 mi.)	I31	137
UNOCAL SS #5816 PARA	6505 SKYWAY RD	W 1/4 - 1/2 (0.446 mi.)	I32	138

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 06/02/2025 has revealed that there are 8 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***	***ENE 1/8 - 1/4 (0.213 mi.)***	***13***	***64***
1004 FAIRVIEW DR.	***1004 FAIRVIEW DR.***	***NE 1/8 - 1/4 (0.231 mi.)***	***17***	***70***

Lower Elevation	Address	Direction / Distance	Map ID	Page
5851 JAMES DRIVE	***5851 JAMES DRIVE***	***WSW 1/8 - 1/4 (0.130 mi.)***	***B5***	***32***
5844 JAMES DRIVE	***5844 JAMES DRIVE***	***SW 1/8 - 1/4 (0.143 mi.)***	***C6***	***35***
5849 JAMES DRIVE	***5849 JAMES DRIVE***	***WSW 1/8 - 1/4 (0.148 mi.)***	***B7***	***39***
5847 JAMES DRIVE	***5847 JAMES DRIVE***	***WSW 1/8 - 1/4 (0.165 mi.)***	***B8***	***43***
5842 JAMES DRIVE	***5842 JAMES DRIVE***	***SW 1/8 - 1/4 (0.175 mi.)***	***C9***	***47***
FRANK FILER	***5845 JAMES DRIVE, UN***	***SW 1/8 - 1/4 (0.191 mi.)***	***10***	***51***

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 06/12/2025 has revealed that there are 6 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***	***E 1/4 - 1/2 (0.288 mi.)***	***E20***	***79***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
QUALITY USED TIRE	***6057 CLARK RD***	***E 1/4 - 1/2 (0.334 mi.)***	***F23***	***118***

Cleanup Status: COMPLETED - CASE CLOSED

BEACON SS #455 PARAD	***6901 SKYWAY RD***	***NW 1/4 - 1/2 (0.342 mi.)***	***G25***	***122***
Cleanup Status: COMPLETED - CASE CLOSED				
PARADISE VETERANS HA	***6550 SKYWAY RD***	***W 1/4 - 1/2 (0.368 mi.)***	***H27***	***128***
Cleanup Status: COMPLETED - CASE CLOSED				
BEACON STATION #1-68	***6490 SKYWAY***	***W 1/4 - 1/2 (0.418 mi.)***	***I29***	***132***
Cleanup Status: COMPLETED - CASE CLOSED				
UNOCAL SS #5816 PARA	***6505 SKYWAY RD***	***W 1/4 - 1/2 (0.446 mi.)***	***I33***	***139***
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 5 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DAVID GILLETT DMD	7080 SKYWAY # A	NW 1/8 - 1/4 (0.223 mi.)	15	68
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0003847				

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSSELLS AUTO REPAIR	***797 ELLIOTT RD STE A***	***W 1/8 - 1/4 (0.212 mi.)***	***D11***	***54***
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0004377				
BURKETT'S AUTO	797 ELLIOTT RD	W 1/8 - 1/4 (0.212 mi.)	D12	63
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0003898				
RUSSELL'S AUTO REPAI	797 ELLIOTT RD STE A	W 1/8 - 1/4 (0.216 mi.)	D14	67
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0004345				
CALIFORNIA CLASSICS	***795 ELLIOTT RD STE B***	***W 1/8 - 1/4 (0.231 mi.)***	***D18***	***74***
Database: CUPA BUTTE, Date of Government Version: 04/21/2017				
Facility ID: FA0004346				
Facility ID: FA0004054				
Facility ID: FA0005642				

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 6 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***	***E 1/4 - 1/2 (0.288 mi.)***	***E20***	***79***

Reg Id: 040209
Reg Id: 040069

Lower Elevation	Address	Direction / Distance	Map ID	Page
QUALITY USED TIRE Reg Id: 040047	***6057 CLARK RD***	***E 1/4 - 1/2 (0.334 mi.)***	***F23***	***118***
BEACON SS #455 PARAD Reg Id: 040058	***6901 SKYWAY RD***	***NW 1/4 - 1/2 (0.342 mi.)***	***G25***	***122***
PARADISE VETERANS HA Reg Id: 040045	***6550 SKYWAY RD***	***W 1/4 - 1/2 (0.368 mi.)***	***H27***	***128***
BEACON STATION #1-68 Reg Id: 040027	***6490 SKYWAY***	***W 1/4 - 1/2 (0.418 mi.)***	***I29***	***132***
UNOCAL SS #5816 PARA Reg Id: 040021 Reg Id: 040110	***6505 SKYWAY RD***	***W 1/4 - 1/2 (0.446 mi.)***	***I33***	***139***

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.

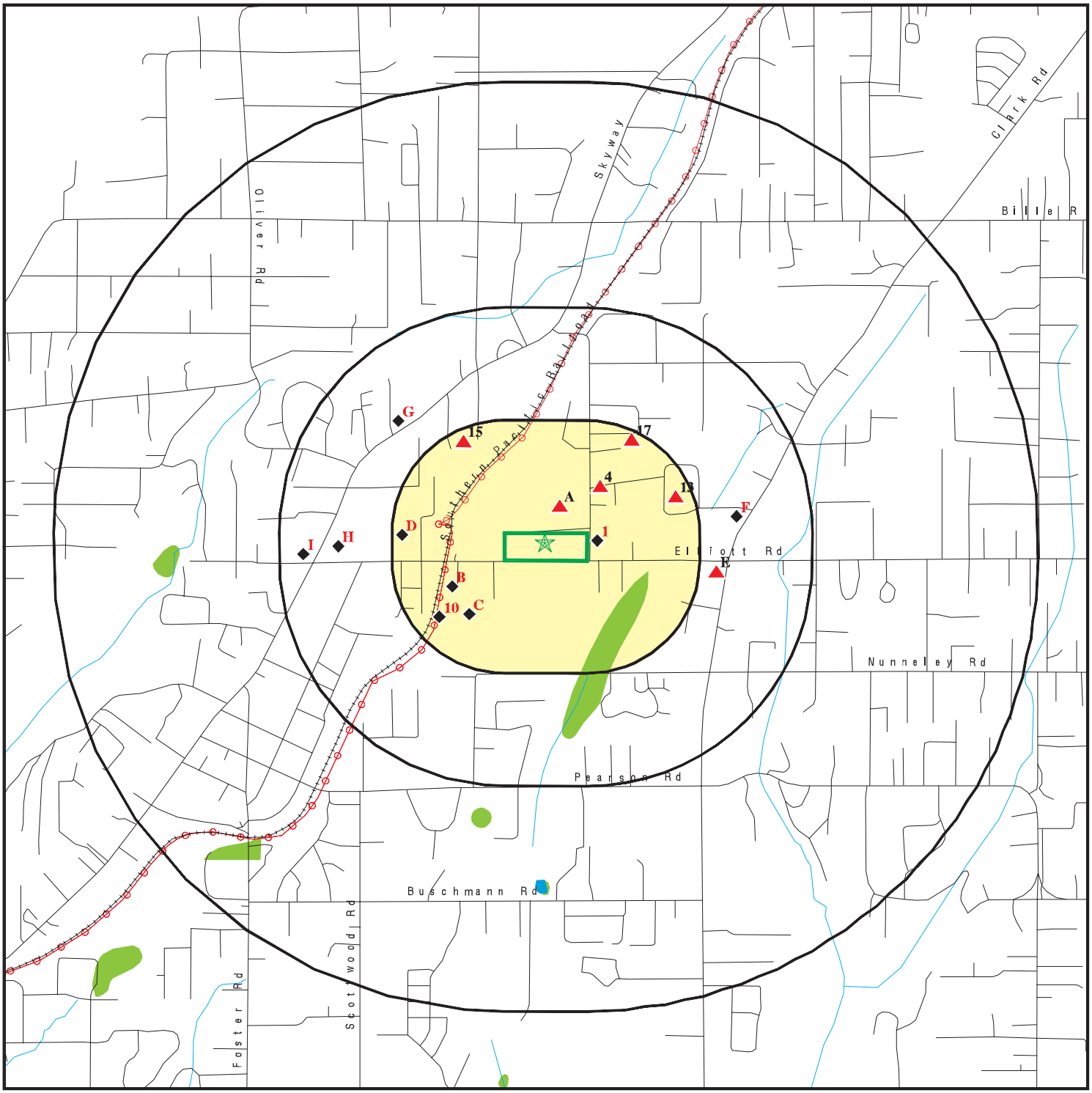
A review of the Notify 65 list, as provided by EDR, and dated 06/04/2025 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEACON STATION #455	***6901 SKYWAY***	***NW 1/4 - 1/2 (0.342 mi.)***	***G26***	***126***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 8184619.2S



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

0 1/4 1/2 1 Miles

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

N

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: Paradise USD - New School Facility	CLIENT: Padre Associates, Inc
ADDRESS: 955 Elliot Road Paradise CA 95969	CONTACT: Collin Quesenberry INQUIRY #: 8184619.2s
LAT/LONG: 39.760026 / 121.614269	DATE: November 25, 2025 6:08 pm

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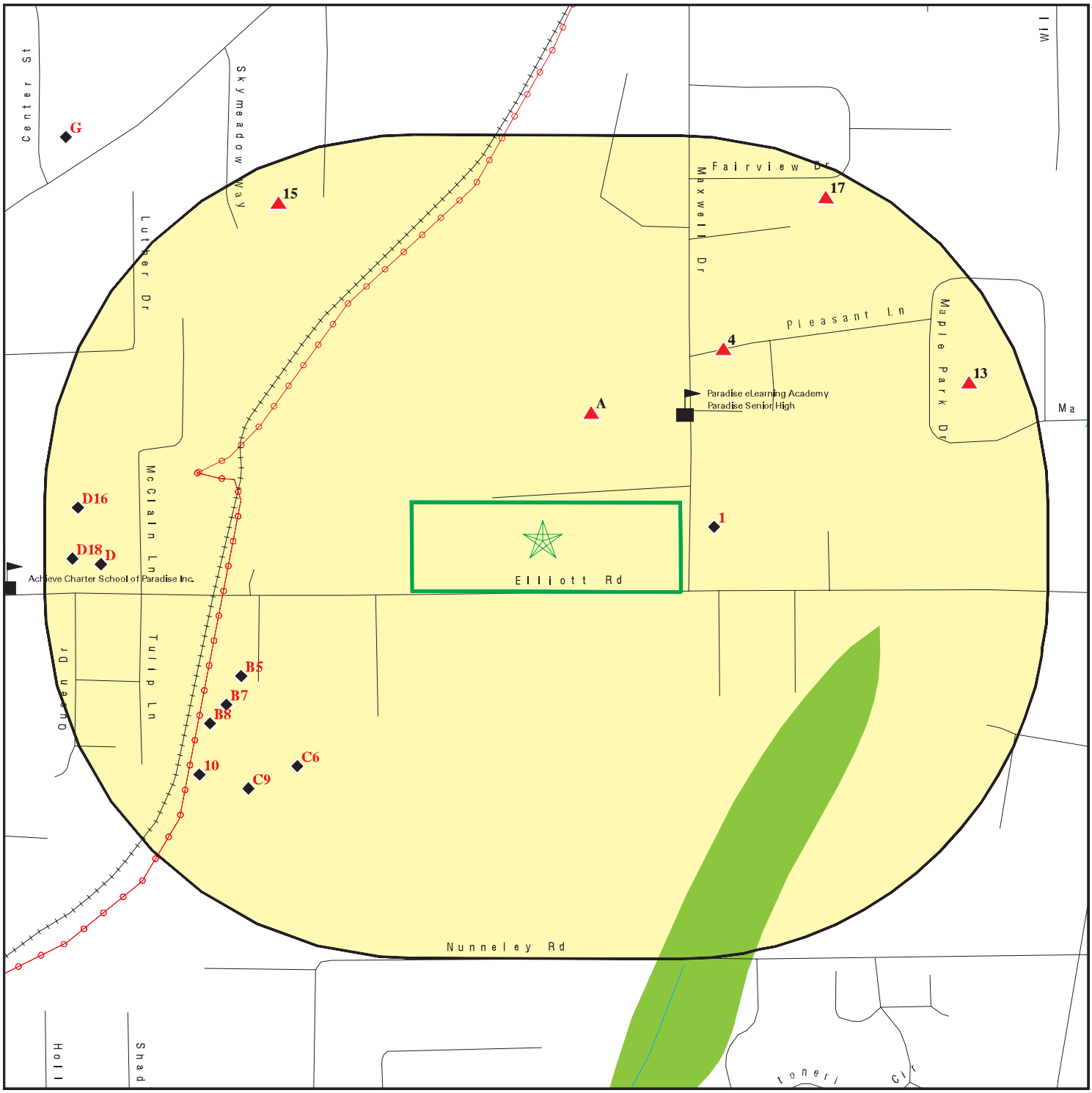
DETAIL MAP - 8184619.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

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: Paradise USD - New School Facility	CLIENT: Padre Associates, Inc
ADDRESS: 955 Elliot Road Paradise CA 95969	CONTACT: Collin Quesenberry INQUIRY #: 8184619.2s
LAT/LONG: 39.760026 / 121.614269	DATE: November 25, 2025 6:09 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	0	NR	NR	NR	1
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	TP		NR	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		2	0	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	0	6	NR	NR	6
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	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
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	TP		NR	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	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		2	0	NR	NR	NR	2
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	0	NR	NR	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	9	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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	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	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	8	NR	NR	8
E MANIFEST	0.250		0	8	NR	NR	NR	8
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	0	6	NR	NR	6
CUPA Listings	0.250		0	5	NR	NR	NR	5
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	6	NR	NR	6
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	1	0	NR	1
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	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	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	6	22	27	0	0	55

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 East < 1/8 0.023 mi. 120 ft. | **ACQUISITION PARCEL FOR PARADISE UNIFIED SCHOOL DIS**
5892 MAXWELL DRIVE
PARADISE, CA 95969 | **ENVIROSTOR SCH** | **S129919461 N/A**

Relative: Lower

Actual: 1846 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:	03
Senate:	01
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:	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:	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:	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:	06/15/2025

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:	03
Senate:	01
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:	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:	Technical Workplan

ACQUISITION PARCEL FOR PARADISE UNIFIED SCHOOL DISTRICT (Continued) **S129919461**

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:	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:	06/15/2025

A2 **PARADISE HIGH SCHOOL** **RCRA-SQG** **1000595945**
NNE **5911 MAXWELL RD** **CAD983599036**
< 1/8 **PARADISE, CA 95969**
0.061 mi.
323 ft. **Site 1 of 2 in cluster A**

Relative:
Higher

Actual:
1869 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
Operator Name:	Not Required
Operator Type:	District
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

PARADISE HIGH SCHOOL (Continued) **1000595945**

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

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

PARADISE HIGH SCHOOL (Continued) **1000595945**

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

A3 **PARADISE HIGH SCHOOL** **CERS HAZ WASTE** **S112878282**
NNE **5911 MAXWELL DR** **HWTS** **N/A**
< 1/8 **PARADISE, CA 95969** **HAZNET**
0.061 mi. **NPDES**
323 ft. **Site 2 of 2 in cluster A** **CIWQS**
CERS

Relative:
Higher

Actual:
1869 ft.

CERS HAZ WASTE:
Name: PARADISE HIGH SCHOOL
Address: 5911 MAXWELL DR
City,State,Zip: PARADISE, CA 95969
Site ID: 775164

PARADISE HIGH SCHOOL (Continued) **S112878282**

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:	CA
Mailing City,State,Zip:	PA 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
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

PARADISE HIGH SCHOOL (Continued) **S112878282**

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
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

PARADISE HIGH SCHOOL (Continued) **S112878282**

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
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

PARADISE HIGH SCHOOL (Continued) **S112878282**

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
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

PARADISE HIGH SCHOOL (Continued) **S112878282**

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

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
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:	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

PARADISE HIGH SCHOOL (Continued) **S112878282**

Violation Program: HMRRP
Violation Source: CERS,

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,

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: 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: ,

PARADISE HIGH SCHOOL (Continued) **S112878282**

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
Affiliation Country:	Not reported
Affiliation Zip:	95969
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 Unified School District
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:	Environmental Contact
Entity Name:	Jake Timm
Entity Title:	Not reported
Affiliation Address:	6696 Clark Rd
Affiliation City:	PARADISE
Affiliation State:	CA
Affiliation Country:	Not reported

PARADISE HIGH SCHOOL (Continued) **S112878282**

Affiliation Zip:	95969
Affiliation Phone:	,
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:	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:	Identification Signer
Entity Name:	Jake Timm
Entity Title:	Director of Facilities, Maintenance and Operations
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:	Paradise Unified School District
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:	Document Preparer
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5911 Maxwell Dr

PARADISE HIGH SCHOOL (Continued) **S112878282**

Affiliation City: Paradise
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95969
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Paradise Unified School District
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: Paradise Unified 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: (530) 872-6400,

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: ,

Name: PARADISE HIGH SCHOOL
Address: 5911 MAXWELL DR
City,State,Zip: PARADISE, CA 95969
Site ID: 775164
CERS ID: 10977505
CERS Description: Chemical Storage Facilities

Violations:
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

PARADISE HIGH SCHOOL (Continued) **S112878282**

Violation Source: CERS,

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,

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: 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: ,

PARADISE HIGH SCHOOL (Continued) **S112878282**

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
Affiliation Country:	Not reported
Affiliation Zip:	95969
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 Unified School District
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:	Environmental Contact
Entity Name:	Jake Timm
Entity Title:	Not reported
Affiliation Address:	6696 Clark Rd
Affiliation City:	PARADISE
Affiliation State:	CA
Affiliation Country:	Not reported

PARADISE HIGH SCHOOL (Continued) **S112878282**

Affiliation Zip:	95969
Affiliation Phone:	,
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:	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:	Identification Signer
Entity Name:	Jake Timm
Entity Title:	Director of Facilities, Maintenance and Operations
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:	Paradise Unified School District
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:	Document Preparer
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5911 Maxwell Dr

PARADISE HIGH SCHOOL (Continued) **S112878282**

Affiliation City:	Paradise
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95969
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Paradise Unified School District
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:	Paradise Unified 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:	(530) 872-6400,
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:	,

4
NE
< 1/8
0.109 mi.
575 ft.

RIDGEVIEW CONTINUATION HIGH SCHOOL
5944 MAXWELL DRIVE
PARADISE, CA 95969

ENVIROSTOR **S127094027**
SCH **N/A**
NPDES
CIWQS
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

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

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
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: 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.

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.

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

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

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
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:	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.

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

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.
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:	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

Name:	RIDGEVIEW HIGHSCHOOL
Address:	5944 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

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

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

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 HIGHSCHOOL
Address:	5944 MAXWELL DRIVE
City,State,Zip:	PARADISE, CA 95969
Site ID:	587950
CERS ID:	896687
CERS Description:	Construction Storm Water

RIDGEVIEW CONTINUATION HIGH SCHOOL (Continued) **S127094027**

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:	,

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:	,

B5 WSW 1/8-1/4 0.130 mi. 686 ft. | **5851 JAMES DRIVE**
5851 JAMES DRIVE
PARADISE, CA 95969

Site 1 of 3 in cluster B

RCRA NonGen / NLR
E MANIFEST

1025834615
CAC003014197

Relative: Lower

Actual: 1792 ft.

RCRA Listings:

Date Form Received by Agency:		20190508
Handler Name:		5851 James Drive
Handler Address:		5851 James Drive
Handler City,State,Zip:		PARADISE, CA 95969
EPA ID:		CAC003014197
Contact Name:		ROBERT BERNDT
Contact Address:		5851 JAMES DRIVE
Contact City,State,Zip:		PARADISE, CA 95969
Contact Telephone:		530-521-7811
Contact Fax:		Not reported
Contact Email:		WESTERNPROPERTYSOL@GMAIL.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:		PO BOX 7656
Mailing City,State,Zip:		CHICO, CA 95927
Owner Name:	Robert Berndt	
Owner Type:		Other
Operator Name:	Robert Berndt	
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

5851 JAMES DRIVE (Continued) **1025834615**

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:	20241211
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: ROBERT BERNDT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5851 JAMES DRIVE
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: ROBERT BERNDT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5851 JAMES DRIVE
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190508
Handler Name: 5851 JAMES DRIVE	
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

5851 JAMES DRIVE (Continued) **1025834615**

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:	016244000JJK
Last Updated Date:	20190812
Shipped Date:	20190510
Received Date:	20190513
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAC003014197
Generator Name:	Robert Berndt
Generator Location Street Number:	Not reported
Generator Location Street 1:	5851 JAMES DRIVE
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 7656
Generator Mail Street 2:	Not reported
Generator Mail City:	CHICO
Generator Mail Zip:	95927
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:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	235 N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6426 HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	016244000JJK
Transporter Line Number:	1

5851 JAMES DRIVE (Continued) **1025834615**

Transporter EPA ID: CAR000147025
Transporter Name: Future Environmental Services

Waste Line:
Manifest Tracking Number: 016244000JJK
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: 19
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: Y
Federal Waste Codes: Not reported
Quantity Haz Kg: 761.9052
Quantity Haz Tons: 0.84
Quantity Non Haz Kg: 0
Quantity Non Haz Tons: 0
State Waste Codes: CA-151

C6 **5844 JAMES DRIVE** **RCRA NonGen / NLR** **1025834800**
SW **5844 JAMES DRIVE** **E MANIFEST** **CAC003014383**
1/8-1/4 **PARADISE, CA 95969**
0.143 mi.
753 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
1785 ft.

RCRA Listings:
Date Form Received by Agency: 20190509
Handler Name: 5844 James Drive
Handler Address: 5844 James Drive
Handler City,State,Zip: PARADISE, CA 95969
EPA ID: CAC003014383

5844 JAMES DRIVE (Continued) **1025834800**

Contact Name:		FRANK FILER
Contact Address:		PO BOX 7656
Contact City,State,Zip:		CHICO, CA 95927
Contact Telephone:		530-521-7811
Contact Fax:		Not reported
Contact Email:		WESTERNPROPERTYSOL@GMAIL.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:		PO BOX 7656
Mailing City,State,Zip:		CHICO, CA 95927
Owner Name:	Frank Filer	
Owner Type:		Other
Operator Name:	Frank Filer	
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:		20241211
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No

5844 JAMES DRIVE (Continued) **1025834800**

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: FRANK FILER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7656
Owner/Operator City,State,Zip:	CHICO, CA 95927
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: FRANK FILER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7656
Owner/Operator City,State,Zip:	CHICO, CA 95927
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190509
Handler Name: 5844 JAMES DRIVE	
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

5844 JAMES DRIVE (Continued) **1025834800**

E MANIFEST:

Manifest Tracking Number:	011169500JJK
Last Updated Date:	20190812
Shipped Date:	20190510
Received Date:	20190512
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAC003014383
Generator Name:	Frank Filer
Generator Location Street Number:	Not reported
Generator Location Street 1:	5844 JAMES DRIVE
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 7656
Generator Mail Street 2:	Not reported
Generator Mail City:	CHICO
Generator Mail Zip:	95927
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:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	235 N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6426 HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	011169500JJK
Transporter Line Number:	1
Transporter EPA ID:	CAR000147025
Transporter Name:	Future Environmental Services

Waste Line:

Manifest Tracking Number:	011169500JJK
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:	15
Container Type Code:	BA

5844 JAMES DRIVE (Continued) **1025834800**

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:	Y
Federal Waste Codes:	Not reported
Quantity Haz Kg:	761.9052
Quantity Haz Tons:	0.84
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-151

B7 **5849 JAMES DRIVE** **RCRA NonGen / NLR** **1025834817**
WSW **5849 JAMES DRIVE** **E MANIFEST** **CAC003014400**
1/8-1/4 **PARADISE, CA 95969**
0.148 mi.
782 ft. **Site 2 of 3 in cluster B**

Relative:
Lower

Actual:
1788 ft.

RCRA Listings:

Date Form Received by Agency:	20190509
Handler Name:	5849 James Drive
Handler Address:	5849 James Drive
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAC003014400
Contact Name:	ROBERT BERNDT
Contact Address:	PO BOX 7656
Contact City,State,Zip:	CHICO, CA 95927
Contact Telephone:	530-521-7811
Contact Fax:	Not reported
Contact Email:	WESTERNPROPERTYSOL@GMAIL.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

5849 JAMES DRIVE (Continued) **1025834817**

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 7656
Mailing City,State,Zip:		CHICO, CA 95927
Owner Name:	Robert Berndt	
Owner Type:		Other
Operator Name:	Robert Berndt	
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:		20241211
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: ROBERT BERNDT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

5849 JAMES DRIVE (Continued) **1025834817**

Owner/Operator Address: PO BOX 7656
Owner/Operator City,State,Zip: CHICO, CA 95927
Owner/Operator Telephone: 530-521-7811
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROBERT BERNDT
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 7656
Owner/Operator City,State,Zip: CHICO, CA 95927
Owner/Operator Telephone: 530-521-7811
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190509
Handler Name: 5849 JAMES DRIVE
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: 013783722JJK
Last Updated Date: 20190812
Shipped Date: 20190510
Received Date: 20190513
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Mail
Generator EPA ID: CAC003014400
Generator Name: Robert Berndt
Generator Location Street Number: Not reported

5849 JAMES DRIVE (Continued) **1025834817**

Generator Location Street 1:	5849 JAMES DRIVE
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 7656
Generator Mail Street 2:	Not reported
Generator Mail City:	CHICO
Generator Mail Zip:	95927
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:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	235 N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6426 HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	013783722JJK
Transporter Line Number:	1
Transporter EPA ID:	CAR000147025
Transporter Name:	Future Environmental Services

Waste Line:

Manifest Tracking Number:	013783722JJK
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:	15
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

5849 JAMES DRIVE (Continued) **1025834817**

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:	Y
Federal Waste Codes:	Not reported
Quantity Haz Kg:	761.9052
Quantity Haz Tons:	0.84
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-151

B8 **5847 JAMES DRIVE** **RCRA NonGen / NLR** **1025834600**
WSW **5847 JAMES DRIVE** **E MANIFEST** **CAC003014182**
1/8-1/4 **PARADISE, CA 95969**
0.165 mi.
869 ft. **Site 3 of 3 in cluster B**

Relative:
Lower

Actual:
1787 ft.

RCRA Listings:

Date Form Received by Agency:		20190508
Handler Name:		5847 James Drive
Handler Address:		5847 James Drive
Handler City,State,Zip:		PARADISE, CA 95969
EPA ID:		CAC003014182
Contact Name:		RHONDA BERNDT DE PINEDA
Contact Address:		PO BOX 7656
Contact City,State,Zip:		CHICO, CA 95927
Contact Telephone:		530-521-7811
Contact Fax:		Not reported
Contact Email:		WESTERNPROPERTYSOL@GMAIL.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:		PO BOX 7656
Mailing City,State,Zip:		CHICO, CA 95927
Owner Name:	Rhonda Berndt De Pineda	
Owner Type:		Other
Operator Name:	Rhonda Berndt De Pineda	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No

5847 JAMES DRIVE (Continued) **1025834600**

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:	20241211
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: RHONDA BERNDT DE PINEDA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7656
Owner/Operator City,State,Zip:	CHICO, CA 95927
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: RHONDA BERNDT DE PINEDA	
Legal Status:	Other
Date Became Current:	Not reported

5847 JAMES DRIVE (Continued) **1025834600**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7656
Owner/Operator City,State,Zip:	CHICO, CA 95927
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190508
Handler Name: 5847 JAMES DRIVE	
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:	018973762JJK
Last Updated Date:	20190812
Shipped Date:	20190510
Received Date:	20190515
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAC003014182
Generator Name:	Rhonda Berndt De Pineda
Generator Location Street Number:	Not reported
Generator Location Street 1:	5847 JAMES DRIVE
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 7656
Generator Mail Street 2:	Not reported
Generator Mail City:	CHICO
Generator Mail Zip:	95927
Generator Mail State:	CA

5847 JAMES DRIVE (Continued) **1025834600**

Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD982042475
Designated Facility Name:	Recology Hay Road
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	235 N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6426 HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	018973762JJK
Transporter Line Number:	1
Transporter EPA ID:	CAR000147025
Transporter Name:	Future Environmental Services

Waste Line:

Manifest Tracking Number:	018973762JJK
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:	26
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

5847 JAMES DRIVE (Continued) **1025834600**

Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Federal Waste Codes:	Not reported
Quantity Haz Kg:	761.9052
Quantity Haz Tons:	0.84
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-151

C9 **5842 JAMES DRIVE** **RCRA NonGen / NLR** **1025834786**
SW **5842 JAMES DRIVE** **E MANIFEST** **CAC003014369**
1/8-1/4 **PARADISE, CA 95969**
0.175 mi.
922 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
1768 ft.

RCRA Listings:

Date Form Received by Agency:	20190509
Handler Name:	5842 James Drive
Handler Address:	5842 James Drive
Handler City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAC003014369
Contact Name:	FRANK FILER
Contact Address:	PO BOX 7656
Contact City,State,Zip:	CHICO, CA 95927
Contact Telephone:	530-521-7811
Contact Fax:	Not reported
Contact Email:	WESTERNPROPERTYSOL@GMAIL.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:	PO BOX 7656
Mailing City,State,Zip:	CHICO, CA 95927
Owner Name:	Frank Filer
Owner Type:	Other
Operator Name:	Frank Filer
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

5842 JAMES DRIVE (Continued) **1025834786**

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:	20241211
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: FRANK FILER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7656
Owner/Operator City,State,Zip:	CHICO, CA 95927
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: FRANK FILER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7656
Owner/Operator City,State,Zip:	CHICO, CA 95927
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190509

5842 JAMES DRIVE (Continued) **1025834786**

Handler Name: 5842 JAMES DRIVE
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: 011169238JJK
Last Updated Date: 20190812
Shipped Date: 20190510
Received Date: 20190513
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Mail
Generator EPA ID: CAC003014369
Generator Name: Frank Filer
Generator Location Street Number: Not reported
Generator Location Street 1: 5842 JAMES DRIVE
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 7656
Generator Mail Street 2: Not reported
Generator Mail City: CHICO
Generator Mail Zip: 95927
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: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 235 N FIRST ST
Designated Facility Mail City: DIXON
Designated Facility Mail Zip: 95620
Designated Facility Mail State: CA
Designated Facility Location Street Number: Not reported

5842 JAMES DRIVE (Continued) **1025834786**

Designated Facility Location Street 1:	6426 HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	011169238JJK
Transporter Line Number:	1
Transporter EPA ID:	CAR000147025
Transporter Name:	Future Environmental Services

Waste Line:

Manifest Tracking Number:	011169238JJK
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:	21
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:	Y
Federal Waste Codes:	Not reported
Quantity Haz Kg:	761.9052
Quantity Haz Tons:	0.84
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	CA-151

10 SW 1/8-1/4 0.191 mi. 1010 ft. | **FRANK FILER**
5845 JAMES DRIVE, UNITS A & B
PARADISE, CA 95969 | **RCRA NonGen / NLR**
E MANIFEST | **1025834776**
CAC003014359

Relative: Lower

Actual: 1771 ft.

RCRA Listings:

Date Form Received by Agency:		20190509
Handler Name:		5845 James Drive, Units A & B
Handler Address:		5845 James Drive, Units A & B
Handler City,State,Zip:		PARADISE, CA 95969
EPA ID:		CAC003014359
Contact Name:		FRANK FILER
Contact Address:		PO BOX 7656
Contact City,State,Zip:		CHICO, CA 95927
Contact Telephone:		530-521-7811
Contact Fax:		Not reported
Contact Email:		WESTERNPROPERTYSOL@GMAIL.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:		PO BOX 7656
Mailing City,State,Zip:		CHICO, CA 95927
Owner Name:	Frank Filer	
Owner Type:		Other
Operator Name:	Frank Filer	
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

FRANK FILER (Continued) **1025834776**

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:	20241211
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: FRANK FILER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7656
Owner/Operator City,State,Zip:	CHICO, CA 95927
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: FRANK FILER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7656
Owner/Operator City,State,Zip:	CHICO, CA 95927
Owner/Operator Telephone:	530-521-7811
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190509
Handler Name: 5845 JAMES DRIVE, UNITS A & B	
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

FRANK FILER (Continued) **1025834776**

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:	020463559JJK
Last Updated Date:	20190821
Shipped Date:	20190521
Received Date:	20190605
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAC003014359
Generator Name:	Frank Filer
Generator Location Street Number:	Not reported
Generator Location Street 1:	5845 JAMES DRIVE, UNITS A & B
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 7656
Generator Mail Street 2:	Not reported
Generator Mail City:	CHICO
Generator Mail Zip:	95927
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:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	235 N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6426 HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	020463559JJK
Transporter Line Number:	1

FRANK FILER (Continued) **1025834776**

Transporter EPA ID: CAR000147025
Transporter Name: Future Environmental Services

Waste Line:
Manifest Tracking Number: 020463559JJK
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: 22
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
Federal Waste Codes: Not reported
Quantity Haz Kg: 0
Quantity Haz Tons: 0
Quantity Non Haz Kg: 761.9052
Quantity Non Haz Tons: 0.84
State Waste Codes: CA-151

D11 **RUSSELLS AUTO REPAIR** **CUPA Listings** **S113161803**
West **797 ELLIOTT RD STE A** **HWTS** **N/A**
1/8-1/4 **PARADISE, CA 95969** **HAZNET**
0.212 mi.
1117 ft. **Site 1 of 5 in cluster D**

Relative: CUPA BUTTE:
Lower Name: BURKETTS AUTOMOTIVE REPAIR
Actual: Address: 797 ELLIOTT ROAD
1813 ft. City,State,Zip: PARADISE, CA 95969
Program/Element: GENERAL HAZ MATERIALS
Billing Status: INACTIVE, NON-BILLABLE

RUSSELLS AUTO REPAIR (Continued) **S113161803**

CERS ID: Not reported

HWTS:

Name:	RUSSELLS AUTO REPAIR
Address:	797 ELLIOTT RD STE A
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAL000364118
Inactive Date:	06/30/2013
Create Date:	05/27/2011
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	797 ELLIOTT RD STE A
Mailing Address 2:	CA
Mailing City,State,Zip:	PA 959693964
Owner Name:	RUSSELL BOOS
Owner Address:	6530 CLARK RD
Owner Address 2:	Not reported
Owner City,State,Zip:	PARADISE, CA 959693504
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	RUSSELL BOOS
Contact Address:	797 ELLIOTT RD STE A
Contact Address 2:	Not reported
City,State,Zip:	PARADISE, CA 959693964
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	39.75999
Longitude:	-121.62002

NAICS:

EPA ID:	CAL000364118
Create Date:	2011-05-27 10:01:56.820
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2011-05-27 10:01:56.77300
Inactive Date:	2013-06-30 00:00:00
Facility Name:	RUSSELLS AUTO REPAIR
Facility Address:	797 ELLIOTT RD STE A
Facility Address 2:	Not reported
Facility City:	PARADISE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	959693964

HAZNET:

Name:	RUSSELLS AUTO REPAIR
Address:	797 ELLIOTT RD STE A
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 959693964
Contact:	RUSSELL BOOS
Telephone:	5308777771
Mailing Name:	Not reported

RUSSELLS AUTO REPAIR (Continued) **S113161803**

Mailing Address: 797 ELLIOTT RD STE A

Year: 2015
Gepaid: CAL000364118
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02919

Year: 2014
Gepaid: CAL000364118
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.14595

Year: 2013
Gepaid: CAL000364118
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.11259

Year: 2012
Gepaid: CAL000364118
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.14595

Year: 2011
Gepaid: CAL000364118
TSD EPA ID: CA0000084517
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.06255

Additional Information:
Year: 2015
Gen EPA ID: CAL000364118

Shipment Date: 20150204
Creation Date: 3/30/2015 22:15:06
Receipt Date: 20150205
Manifest ID: 004713825SKS
Trans EPA ID: TXR000081205
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

RUSSELLS AUTO REPAIR (Continued) **S113161803**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
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

Additional Information:

Year:	2014
Gen EPA ID:	CAL000364118
Shipment Date:	20141113
Creation Date:	12/31/2014 22:14:46
Receipt Date:	20141113
Manifest ID:	004423774SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
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:	20140812
Creation Date:	9/24/2014 22:15:21
Receipt Date:	20140813
Manifest ID:	004424269SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.

RUSSELLS AUTO REPAIR (Continued) **S113161803**

RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03753
Waste Quantity:	9
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:	20140514
Creation Date:	7/10/2014 22:15:07
Receipt Date:	20140515
Manifest ID:	004245746SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03753
Waste Quantity:	9
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:	20140218
Creation Date:	3/30/2014 22:15:09
Receipt Date:	20140219
Manifest ID:	011568901JJK
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03753
Waste Quantity:	9
Quantity Unit:	G
Additional Code 1:	Not reported

RUSSELLS AUTO REPAIR (Continued) **S113161803**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2013
Gen EPA ID:	CAL000364118
Shipment Date:	20131120
Creation Date:	12/23/2013 22:15:27
Receipt Date:	20131120
Manifest ID:	003957600SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
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:	20130828
Creation Date:	10/16/2013 22:15:14
Receipt Date:	20130828
Manifest ID:	003892969SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02502
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

RUSSELLS AUTO REPAIR (Continued) **S113161803**

Additional Code 5:	Not reported
Shipment Date:	20130604
Creation Date:	8/29/2013 22:15:07
Receipt Date:	20130604
Manifest ID:	003823145SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
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:	20130314
Creation Date:	5/14/2013 22:15:15
Receipt Date:	20130314
Manifest ID:	003657481SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
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

Additional Information:

Year:	2012
Gen EPA ID:	CAL000364118
Shipment Date:	20121220

RUSSELLS AUTO REPAIR (Continued) **S113161803**

Creation Date:	2/15/2013 22:15:28
Receipt Date:	20121220
Manifest ID:	003617589SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02502
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:	20120927
Creation Date:	11/13/2012 22:15:06
Receipt Date:	20120927
Manifest ID:	003519507SKS
Trans EPA ID:	TXR000081205
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
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:	20120702
Creation Date:	10/3/2012 22:15:14
Receipt Date:	20120703
Manifest ID:	003216302SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

RUSSELLS AUTO REPAIR (Continued) **S113161803**

TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03336
Waste Quantity:	8
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:	20120411
Creation Date:	5/25/2012 20:30:28
Receipt Date:	20120412
Manifest ID:	003181300SKS
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
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:	20120118
Creation Date:	3/16/2012 20:30:47
Receipt Date:	20120119
Manifest ID:	003141230SKS
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

RUSSELLS AUTO REPAIR (Continued) **S113161803**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
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

Additional Information:

Year:	2011
Gen EPA ID:	CAL000364118
Shipment Date:	20110714
Creation Date:	8/26/2011 18:30:44
Receipt Date:	20110714
Manifest ID:	002819800SKS
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06255
Waste Quantity:	15
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

D12 **BURKETT'S AUTO** **CUPA Listings** **S110818810**
West **797 ELLIOTT RD** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.212 mi.
1117 ft. **Site 2 of 5 in cluster D**

Relative:
Lower

Actual:
1813 ft.

CUPA BUTTE:

Name:	BURKETT'S AUTO
Address:	797 ELLIOTT RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	ACTIVE, BILLABLE
CERS ID:	10278265

13 ENE 1/8-1/4 0.213 mi. 1124 ft. | **HOLLINGSWORTH, OWEN**
1049 MAPLE PARK DR
PARADISE, CA 95969 | **RCRA NonGen / NLR**
E MANIFEST | **1025850672**
CAC003030772

Relative: Higher

Actual: 1858 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
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

HOLLINGSWORTH, OWEN (Continued) **1025850672**

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
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

HOLLINGSWORTH, OWEN (Continued) **1025850672**

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
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

Transporter:

Manifest Tracking Number:	019203762JJK
Transporter Line Number:	1

HOLLINGSWORTH, OWEN (Continued) **1025850672**

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
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
Federal Waste Codes: Not reported
Quantity Haz Kg: 0
Quantity Haz Tons: 0
Quantity Non Haz Kg: 3047.6208
Quantity Non Haz Tons: 3.36
State Waste Codes: CA-151

D14 **RUSSELL'S AUTO REPAIR** **CUPA Listings** **S111826711**
West **797 ELLIOTT RD STE A** **N/A**
1/8-1/4 **PARADISE, CA 95969**
0.216 mi.
1141 ft. **Site 3 of 5 in cluster D**

Relative: CUPA BUTTE:
Lower Name: RUSSELL'S AUTO REPAIR
Actual: Address: 797 ELLIOTT RD STE A
1812 ft. City,State,Zip: PARADISE, CA 95969
Program/Element: HAZ WASTE GEN < THAN 100 kg/mo
Billing Status: INACTIVE, NON-BILLABLE

RUSSELL'S AUTO REPAIR (Continued) **S111826711**

CERS ID: 10278853

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15 NW 1/8-1/4 0.223 mi. 1178 ft. **DAVID GILLETT DMD**
7080 SKYWAY # A
PARADISE, CA 95969

CUPA Listings **S118584555**
N/A

Relative: Higher
Actual: 1852 ft.

CUPA BUTTE:

Name:	DAVID GILLETT DMD
Address:	7080 SKYWAY # A
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	Not reported

D16 West 1/8-1/4 0.227 mi. 1200 ft. **PARADISE PRINTING**
795 ELLIOTT RD
PARADISE, CA 95969

RCRA NonGen / NLR **1024846206**
CAL000400047

Site 4 of 5 in cluster D

Relative: Lower
Actual: 1812 ft.

RCRA Listings:

Date Form Received by Agency:		20140827
Handler Name:		Paradise Printing
Handler Address:		795 Elliott Rd
Handler City,State,Zip:		PARADISE, CA 95969
EPA ID:		CAL000400047
Contact Name:		PETER NICOARA
Contact Address:		795 ELLIOTT RD.
Contact City,State,Zip:		PARADISE, CA 95969
Contact Telephone:		530-872-7840
Contact Fax:		530-877-0784
Contact Email:		PARADISEPRINTING@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:		795 ELLIOTT RD.
Mailing City,State,Zip:		PARADISE, CA 95969-5132
Owner Name:	Peter Nicoara	
Owner Type:		Other
Operator Name:	Peter Nicoara	
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

PARADISE PRINTING (Continued) **1024846206**

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:	20180906
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: PETER NICOARA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	795 ELLIOTT
Owner/Operator City,State,Zip:	PARADISE, CA 95969-5132
Owner/Operator Telephone:	530-872-7840
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: PETER NICOARA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	795 ELLIOTT RD.
Owner/Operator City,State,Zip:	PARADISE, CA 95969
Owner/Operator Telephone:	530-872-7840

PARADISE PRINTING (Continued) **1024846206**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140827
Handler Name: PARADISE PRINTING
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

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17 **1004 FAIRVIEW DR.** **RCRA NonGen / NLR** **1026716270**
NE **1004 FAIRVIEW DR.** **E MANIFEST** **CAC003104742**
1/8-1/4 **PARADISE, CA 95969**
0.231 mi.
1218 ft.

Relative:
Higher

Actual:
1895 ft.

RCRA Listings:
Date Form Received by Agency: 20210209
Handler Name: 1004 Fairview Dr.
Handler Address: 1004 Fairview Dr.
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

1004 FAIRVIEW DR. (Continued) **1026716270**

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:		20241211
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

1004 FAIRVIEW DR. (Continued) **1026716270**

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: 1004 FAIRVIEW DR.
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: 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

1004 FAIRVIEW DR. (Continued) **1026716270**

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

Transporter:

Manifest Tracking Number:	019203982JJK
Transporter Line Number:	1
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

1004 FAIRVIEW DR. (Continued) **1026716270**

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
Federal Waste Codes:	Not reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	761.9052
Quantity Non Haz Tons:	0.84
State Waste Codes:	CA-151

D18 **CALIFORNIA CLASSICS** **CUPA Listings** **S116288787**
West **795 ELLIOTT RD STE B** **EMI** **N/A**
1/8-1/4 **PARADISE, CA 95969** **HWTS**
0.231 mi.
1219 ft. **Site 5 of 5 in cluster D**

Relative:
Lower

Actual:
1809 ft.

CUPA BUTTE:

Name:	DARREL APEL TRANSMISSIONS
Address:	795 ELLIOTT RD STE D
City,State,Zip:	PARADISE, CA 95969
Program/Element:	B1 - RANGE 0 - 55 - 550 GALLONS
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	10278856

Name:	CALIFORNIA CLASSICS
Address:	795 ELLIOTT RD STE B
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	10278547

Name:	DARREL APEL TRANSMISSIONS
Address:	795 ELLIOTT RD STE D
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	10278856

Name:	PARADISE PRINTING
Address:	795 ELLIOTT RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	HAZ WASTE GEN < THAN 100 kg/mo
Billing Status:	ACTIVE, BILLABLE

CALIFORNIA CLASSICS (Continued) **S116288787**

CERS ID: 10715470

EMI:

Name:	E&S AUTO BODY PAINT & SALES
Address:	795-B ELLIOTT ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2012
County Code:	4
Air Basin:	SV
Facility ID:	379
Air District Name:	BUT
SIC Code:	7532
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:	0.15183723049
Reactive Organic Gases Tons/Yr:	0.15
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:	E&S AUTO BODY PAINT & SALES
Address:	795-B ELLIOTT ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2013
County Code:	4
Air Basin:	SV
Facility ID:	379
Air District Name:	BUT
SIC Code:	7532
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:	0.15183723049
Reactive Organic Gases Tons/Yr:	0.15
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:	E&S AUTO BODY PAINT & SALES
Address:	795-B ELLIOTT ROAD
City,State,Zip:	PARADISE, CA 95969
Year:	2014
County Code:	4
Air Basin:	SV
Facility ID:	379
Air District Name:	BUT
SIC Code:	7532
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:	0.15183723049
Reactive Organic Gases Tons/Yr:	0.15

CALIFORNIA CLASSICS (Continued) **S116288787**

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

HWTS:

Name:	PARADISE PRINTING
Address:	795 ELLIOTT RD
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAL000400047
Inactive Date:	06/30/2020
Create Date:	08/27/2014
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	795 ELLIOTT RD.
Mailing Address 2:	CA
Mailing City,State,Zip:	PA 959695132
Owner Name:	PETER NICOARA
Owner Address:	795 ELLIOTT
Owner Address 2:	Not reported
Owner City,State,Zip:	PARADISE, CA 959695132
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	PETER NICOARA
Contact Address:	795 ELLIOTT RD.
Contact Address 2:	Not reported
City,State,Zip:	PARADISE, CA 95969
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	39.759822
Longitude:	-121.620222

NAICS:

EPA ID:	CAL000400047
Create Date:	2014-08-27 10:26:20.283
NAICS Code:	323114
NAICS Description:	Quick Printing
Issued EPA ID Date:	2014-08-27 10:26:20.23300
Inactive Date:	2020-06-30 00:00:00
Facility Name:	PARADISE PRINTING
Facility Address:	795 ELLIOTT RD
Facility Address 2:	Not reported
Facility City:	PARADISE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95969

Name:	CALIFORNIA CLASSICS
Address:	795 ELLIOTT RD STE B
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 95969

CALIFORNIA CLASSICS (Continued) **S116288787**

EPA ID:	CAL000363928
Inactive Date:	06/30/2014
Create Date:	05/24/2011
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	6421 HOLLYWOOD RD
Mailing Address 2:	CA
Mailing City,State,Zip:	MA 959540000
Owner Name:	CASEY SILVERMAN
Owner Address:	6421 HOLLYWOOD RD
Owner Address 2:	Not reported
Owner City,State,Zip:	MAGALIA, CA 959540000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	CASEY SILVERMAN OWNER
Contact Address:	6421 HOLLYWOOD RD
Contact Address 2:	Not reported
City,State,Zip:	MAGALIA, CA 959540000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	39.75999
Longitude:	-121.62033

NAICS:

EPA ID:	CAL000363928
Create Date:	2011-05-24 15:13:33.907
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2011-05-24 15:13:33.89000
Inactive Date:	2014-06-30 00:00:00
Facility Name:	CALIFORNIA CLASSICS
Facility Address:	795 ELLIOTT RD STE B
Facility Address 2:	Not reported
Facility City:	PARADISE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	959693953

Name:	CALIFORNIA CLASSICS
Address:	795 ELLIOTT RD STE B
Address 2:	Not reported
City,State,Zip:	PARADISE, CA 95969
EPA ID:	CAL000356158
Inactive Date:	04/22/2011
Create Date:	08/25/2010
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	6256 HARTNELL CT
Mailing Address 2:	CA
Mailing City,State,Zip:	MA 959540000
Owner Name:	DAN SCOTT
Owner Address:	6256 HARTNELL CT
Owner Address 2:	Not reported
Owner City,State,Zip:	MAGALIA, CA 959549416

CALIFORNIA CLASSICS (Continued) **S116288787**

Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	DAN SCOTT
Contact Address:	795 ELLIOTT RD STE B
Contact Address 2:	Not reported
City,State,Zip:	PARADISE, CA 959693953
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	39.75999
Longitude:	-121.62033

NAICS:

EPA ID:	CAL000356158
Create Date:	2010-08-25 15:38:48.073
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2010-08-25 15:38:48.05700
Inactive Date:	2011-04-22 00:00:00
Facility Name:	CALIFORNIA CLASSICS
Facility Address:	795 ELLIOTT RD STE B
Facility Address 2:	Not reported
Facility City:	PARADISE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	959693953

E19 **ARCO SS #5819** **UST FINDER RELEASE** **1028919171**
East **5987 CLARK RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.288 mi.
1519 ft. **Site 1 of 3 in cluster E**

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

E20
East
1/4-1/2
0.288 mi.
1519 ft.

Relative:
Higher

Actual:
1857 ft.

PARADISE ARCO STATION
5987 CLARK ROAD
PARADISE, CA 95969

Site 2 of 3 in cluster E

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
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:	Not reported
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

PARADISE ARCO STATION (Continued) **S101580588**

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 Stopped
Global Id:	T0600700065
Action Type:	Other
Date:	06/18/1992
Action:	Leak Discovery
Global Id:	T0600700065
Action Type:	ENFORCEMENT
Date:	07/13/1993
Action:	Closure/No Further Action Letter
Global Id:	T0600700065
Action Type:	Other
Date:	06/19/1992
Action:	Leak Reported

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

PARADISE ARCO STATION (Continued) **S101580588**

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:	Not reported
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
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 Stopped

PARADISE ARCO STATION (Continued) **S101580588**

Global Id: T0600700204
Action Type: Other
Date: 11/20/1998
Action: Leak Discovery

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 Reported

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

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

PARADISE ARCO STATION (Continued) **S101580588**

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

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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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:	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:	331 - Off-specification, aged or surplus organics
Disposal Method:	R01 - Recycler
Tons:	0.0198

PARADISE ARCO STATION (Continued) **S101580588**

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:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	1.092

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
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

Year:	2004
Gepaid:	CAR000100321
TSD EPA ID:	CAD980675276
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	33.712

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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

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
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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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

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:	0.042
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
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

PARADISE ARCO STATION (Continued) **S101580588**

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
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 07036

PARADISE ARCO STATION (Continued) **S101580588**

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 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: 06-08-2015
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: 04-23-2018
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

PARADISE ARCO STATION (Continued) **S101580588**

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:	05-15-2025
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 05/15/2025. Failure to electronically submit a site map with all required content. Observation: Facility site map did not include the Conex storage container and some of the safety equipment was in the wrong location on the site map (eyewash, spill kit). Corrective Action: Facility submitted an updated site map to CERS correcting the violation at the time of inspection.
Violation Division:	Butte County Environmental Health
Violation Program:	HMRRP
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:	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 06/08/2015.
Violation Division:	Butte County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	385384
Site Name:	ARCO 07036
Violation Date:	06-08-2016

PARADISE ARCO STATION (Continued) **S101580588**

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:	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
Violation Program:	HW
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:	06-10-2014
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

PARADISE ARCO STATION (Continued) **S101580588**

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:	06-08-2016
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:	06-08-2016
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 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:	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,

PARADISE ARCO STATION (Continued) **S101580588**

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 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: 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

PARADISE ARCO STATION (Continued) **S101580588**

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: 06-10-2014
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: 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 09/12/2016. no 2014 test results submitted to CUPA - submit.
Violation Division: Butte County Environmental Health
Violation Program: UST
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: 05-15-2025
Violations Found: Yes

PARADISE ARCO STATION (Continued) **S101580588**

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 Peyton Callahan and Ashley Strang (Belshire) at 9:00 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: 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
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

PARADISE ARCO STATION (Continued) **S101580588**

Eval Notes: Monitoring certification was for piping repair testing and for the annual monitoring certification. The next monitoring certification 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: 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,

Eval General Type: Compliance Evaluation Inspection

PARADISE ARCO STATION (Continued) **S101580588**

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,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2025
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 Peyton Callahan and Ashley Strang (Belshire) at 9:00 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: 05-15-2025
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 Peyton Callahan and Ashley Strang (Belshire) at 9:00 a.m. No photographs, copied documents or samples were obtained during this inspection. UST Testing Performed by Gettler-Ryan Inc by the following ICC Certified Technician: Jaycee Cornett California UST Service Technician (10421744 expires 8/16/26) Veeder Root (C35940, 8/16/26) VMI (5544, 6/13/26) OPW (1193838, 2/1/26) Note: Shear valves were not tested 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: 05-25-2023
Violations Found: No

PARADISE ARCO STATION (Continued) **S101580588**

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,

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,

PARADISE ARCO STATION (Continued) **S101580588**

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: Compliance Evaluation Inspection
Eval Date: 05-09-2024
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 Brandy Lovie at 8:30 a.m. No photographs, copied documents or samples were obtained during this inspection. UST Testing Performed by Gettler-Ryan by the following ICC Certified Technician: Darnell Smith California UST Service Technician (8709494 expires 11/14/2025) Veeder Root (B48857, 3/20/2026) VMI (4071, 4/23/25) OPW (1193919, 7/6/24)
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,

Enforcement Action:
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:	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
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

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,

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
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: 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: Operator
Entity Name: BP PRODUCTS NORTH AMERICA, INC./THORNTON'S LLC
Entity Title: Not reported
Affiliation Address: Not reported

PARADISE ARCO STATION (Continued) **S101580588**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(530) 777-8942,

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:	(530) 777-8942,

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
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:	(530) 777-8942,

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:	RANDALL BROWN
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:	Facility Mailing Address

PARADISE ARCO STATION (Continued) **S101580588**

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:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	RANDALL BROWN
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:	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:	(530) 777-8942,

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:	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:	(530) 777-8942,

Affiliation Type Desc:	UST Tank Operator
Entity Name:	BP PRODUCTS NORTH AMERICA, INC./ THORNTON'S LLC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702

PARADISE ARCO STATION (Continued) **S101580588**

Affiliation Phone: (530) 777-8942,

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,

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,

E21 **ARCO SS #5819, CASE 2** **UST FINDER RELEASE** **1028919170**
East **5987 CLARK RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.288 mi.
1519 ft. **Site 3 of 3 in cluster E**

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

ARCO SS #5819, CASE 2 (Continued) **1028919170**

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:	-121.60678
Y Coord:	39.75901
Latitude:	39.75901
Longitude:	-121.60678

F22 **QUALITY USED TIRE** **UST FINDER RELEASE** **1029094537**
East **6057 CLARK RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.334 mi.
1763 ft. **Site 1 of 2 in cluster F**

Relative:
Lower

Actual:
1850 ft.

UST FINDER RELEASE:

Object ID:	48805
Facility ID:	Not reported
Lust ID:	CAT0600700044
Name:	QUALITY USED TIRE
Address:	6057 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:	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

QUALITY USED TIRE (Continued) **1029094537**

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

F23 **QUALITY USED TIRE** **LUST** **S101329559**
East **6057 CLARK RD** **Cortese** **N/A**
1/4-1/2 **PARADISE, CA 95969** **CUPA Listings**
0.334 mi. **HIST CORTESE**
1763 ft. **Site 2 of 2 in cluster F** **CERS**

Relative:
Lower

Actual:
1850 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:	Not reported
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
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

QUALITY USED TIRE (Continued) **S101329559**

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 Stopped

Global Id: T0600700044
Action Type: ENFORCEMENT
Date: 12/07/1993
Action: Closure/No Further Action Letter

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

LUST:
Global Id: T0600700044
Status: Open - Case Begin Date
Status Date: 12/03/1990

Global Id: T0600700044
Status: Open - Site Assessment
Status Date: 01/16/1991

Global Id: T0600700044
Status: Completed - Case Closed
Status Date: 12/07/1993

QUALITY USED TIRE (Continued) **S101329559**

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
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

QUALITY USED TIRE (Continued) **S101329559**

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,

G24 **BEACON SS #455 PARADISE** **UST FINDER RELEASE** **1028923197**
NW **6901 SKYWAY RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.342 mi.
1808 ft. **Site 1 of 3 in cluster G**

Relative:
Lower

Actual:
1825 ft.

UST FINDER RELEASE:

Object ID:	48701
Facility ID:	Not reported
Lust ID:	CAT0600700054
Name:	BEACON SS #455 PARADISE
Address:	6901 SKYWAY 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:	498

BEACON SS #455 PARADISE (Continued) **1028923197**

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:	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:	-121.62025
Y Coord:	39.76374
Latitude:	39.7637399999999
Longitude:	-121.620249999999

G25 **BEACON SS #455 PARADISE** **LUST** **S101580586**
NW **6901 SKYWAY RD** **CA FID UST** **N/A**
1/4-1/2 **PARADISE, CA 95969** **Cortese**
0.342 mi. **HIST CORTESE**
1808 ft. **Site 2 of 3 in cluster G** **CERS**

Relative:
Lower

Actual:
1825 ft.

LUST:

Name:	BEACON SS #455 PARADISE
Address:	6901 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5R)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600700054
Latitude:	39.7635098
Longitude:	-121.6207059
Status:	Completed - Case Closed
Status Date:	05/24/1995
Case Worker:	Not reported
RB Case Number:	040058
Local Agency:	BUTTE COUNTY
File Location:	Archived
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	Not reported
Quantity Released Gallons:	Not reported
Begin Date:	05/01/1991
Leak Reported Date:	06/12/1991

BEACON SS #455 PARADISE (Continued) **S101580586**

How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Overfill
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	05/24/1995
CA Water Watershed Name:	Butte Creek - Upper Little Chico (521.30)
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:	T0600700054
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:	T0600700054
Contact Type:	Regional Board Caseworker - Primary 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

LUST:

Global Id:	T0600700054
Action Type:	Other
Date:	05/15/1992
Action:	Leak Stopped

Global Id:	T0600700054
Action Type:	ENFORCEMENT
Date:	04/24/1995
Action:	Closure/No Further Action Letter

Global Id:	T0600700054
Action Type:	Other
Date:	05/01/1991
Action:	Leak Discovery

Global Id:	T0600700054
Action Type:	Other
Date:	06/12/1991
Action:	Leak Reported

BEACON SS #455 PARADISE (Continued) **S101580586**

Global Id: T0600700054
Action Type: REMEDIATION
Date: 08/16/1994
Action: Excavation

LUST:
Global Id: T0600700054
Status: Open - Case Begin Date
Status Date: 05/01/1991

Global Id: T0600700054
Status: Open - Site Assessment
Status Date: 05/01/1991

Global Id: T0600700054
Status: Open - Site Assessment
Status Date: 09/06/1991

Global Id: T0600700054
Status: Open - Site Assessment
Status Date: 10/28/1991

Global Id: T0600700054
Status: Open - Remediation
Status Date: 03/01/1994

Global Id: T0600700054
Status: Open - Site Assessment
Status Date: 03/01/1994

Global Id: T0600700054
Status: Open - Remediation
Status Date: 07/08/1994

Global Id: T0600700054
Status: Open - Verification Monitoring
Status Date: 12/20/1994

Global Id: T0600700054
Status: Completed - Case Closed
Status Date: 05/24/1995

LUST REG 5:
Name: BEACON SS #455 PARADISE
Address: 6901 SKYWAY RD
City: PARADISE
Region: 5
Status: Case Closed
Case Number: 040058
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: KLC
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

BEACON SS #455 PARADISE (Continued) **S101580586**

CA FID UST:

Facility ID:	04000050
Regulated By:	UTNKA
Regulated ID:	00038892
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2095820241
Mail To:	Not reported
Mailing Address:	6901 SKYWAY
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

CORTESE:

Name:	BEACON SS #455 PARADISE
Address:	6901 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600700054
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

HIST CORTESE:

edr_fname:	BEACON SS #455 PARADISE
edr_fadd1:	6901 SKYWAY
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Facility County Code:	4
Reg By:	LTNKA
Reg Id:	040058

CERS:

BEACON SS #455 PARADISE (Continued) **S101580586**

Name:	BEACON SS #455 PARADISE
Address:	6901 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	877908
CERS ID:	T0600700054
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:	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:	,

G26 **BEACON STATION #455 ULTRAMAR INC** **SWEEPS UST** **U000075947**
NW **6901 SKYWAY** **Notify 65** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.342 mi.
1808 ft. **Site 3 of 3 in cluster G**

Relative:
Lower

Actual:
1825 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

BEACON STATION #455 ULTRAMAR INC (Continued) **U000075947**

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:	04-000-038892-000002
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

H27 West 1/4-1/2 0.368 mi. 1945 ft. | **PARADISE VETERANS HALL**
6550 SKYWAY RD
PARADISE, CA 95969

Site 1 of 2 in cluster H

LUST Cortese HIST CORTESE CERS | **S100227085 N/A**

Relative: Lower

Actual: 1755 ft.

LUST:

Name:	PARADISE VETERANS HALL
Address:	6550 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5R)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600700042
Latitude:	39.7594819
Longitude:	-121.6239464
Status:	Completed - Case Closed
Status Date:	10/04/1994
Case Worker:	Not reported
RB Case Number:	040045
Local Agency:	BUTTE COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	* Historical Geocode - Street Match
Cuf Case:	Not reported
Quantity Released Gallons:	Not reported
Begin Date:	12/18/1989
Leak Reported Date:	04/30/1990
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Piping
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	10/04/1994
CA Water Watershed Name:	Butte Creek - Upper Little Chico (521.30)
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:	T0600700042
Contact Type:	Regional Board Caseworker - Primary 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:	T0600700042

PARADISE VETERANS HALL (Continued) **S100227085**

Contact Type:	Local Agency Caseworker
Contact Name:	VANCE SEVERIN
Organization Name:	BUTTE COUNTY
Address:	1469 HUMBOLDT ROAD
City:	CHICO
Email:	Not reported
Phone Number:	5308912727

LUST:

Global Id:	T0600700042
Action Type:	Other
Date:	12/18/1989
Action:	Leak Stopped
Global Id:	T0600700042
Action Type:	ENFORCEMENT
Date:	10/04/1994
Action:	Closure/No Further Action Letter
Global Id:	T0600700042
Action Type:	Other
Date:	12/18/1989
Action:	Leak Discovery
Global Id:	T0600700042
Action Type:	Other
Date:	04/30/1990
Action:	Leak Reported

LUST:

Global Id:	T0600700042
Status:	Open - Case Begin Date
Status Date:	12/18/1989
Global Id:	T0600700042
Status:	Open - Site Assessment
Status Date:	11/29/1990
Global Id:	T0600700042
Status:	Open - Site Assessment
Status Date:	07/28/1992
Global Id:	T0600700042
Status:	Completed - Case Closed
Status Date:	10/04/1994

LUST REG 5:

Name:	PARADISE VETERANS HALL
Address:	6550 SKYWAY RD
City:	PARADISE
Region:	5
Status:	Case Closed
Case Number:	040045
Case Type:	Drinking Water Aquifer affected
Substance:	DIESEL

PARADISE VETERANS HALL (Continued) **S100227085**

Staff Initials: KLC
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

CORTESE:

Name:	PARADISE VETERANS HALL
Address:	6550 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600700042
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

HIST CORTESE:

edr_fname:	PARADISE VETERANS HALL
edr_fadd1:	6550 SKYWAY
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Facility County Code:	4
Reg By:	LTNKA
Reg Id:	040045

CERS:

Name:	PARADISE VETERANS HALL
Address:	6550 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	869660
CERS ID:	T0600700042
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

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

PARADISE VETERANS HALL (Continued) **S100227085**

Affiliation Zip:	Not reported
Affiliation Phone:	5308912727,
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:	,

H28 **PARADISE VETERANS HALL** **UST FINDER RELEASE** **1029089215**
West **6550 SKYWAY RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.368 mi.
1945 ft. **Site 2 of 2 in cluster H**

Relative: UST FINDER RELEASE:
Lower
Actual:
1755 ft.

Object ID:	48689
Facility ID:	Not reported
Lust ID:	CAT0600700042
Name:	PARADISE VETERANS HALL
Address:	6550 SKYWAY 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:	568
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:	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:	-121.62345
Y Coord:	39.76014
Latitude:	39.76014
Longitude:	-121.62345

I29 West 1/4-1/2 0.418 mi. 2205 ft. | **BEACON STATION #1-681**
6490 SKYWAY
PARADISE, CA 95969

Site 1 of 5 in cluster I

Relative: Lower

Actual: 1744 ft.

LUST
SWEEPS UST
CA FID UST
Cortese
HIST CORTESE
CERS

S101580582
N/A

LUST:

Name:	BEACON SS #681 PARADISE
Address:	6490 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5R)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600700024
Latitude:	39.7593597
Longitude:	-121.6239796
Status:	Completed - Case Closed
Status Date:	06/10/1994
Case Worker:	Not reported
RB Case Number:	040027
Local Agency:	BUTTE COUNTY
File Location:	Archived
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	Not reported
Quantity Released Gallons:	Not reported
Begin Date:	05/12/1988
Leak Reported Date:	05/12/1988
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:	06/10/1994
CA Water Watershed Name:	Butte Creek - Upper Little Chico (521.30)
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:	T0600700024
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

BEACON STATION #1-681 (Continued) **S101580582**

Global Id: T0600700024
Contact Type: Regional Board Caseworker - Primary 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

LUST:
Global Id: T0600700024
Action Type: ENFORCEMENT
Date: 06/10/1994
Action: Closure/No Further Action Letter

Global Id: T0600700024
Action Type: Other
Date: 05/12/1988
Action: Leak Stopped

Global Id: T0600700024
Action Type: Other
Date: 05/12/1988
Action: Leak Discovery

Global Id: T0600700024
Action Type: Other
Date: 05/12/1988
Action: Leak Reported

Global Id: T0600700024
Action Type: REMEDIATION
Date: 02/04/1991
Action: Soil Vapor Extraction (SVE)

LUST:
Global Id: T0600700024
Status: Open - Case Begin Date
Status Date: 05/12/1988

Global Id: T0600700024
Status: Open - Site Assessment
Status Date: 08/24/1989

Global Id: T0600700024
Status: Open - Remediation
Status Date: 07/28/1992

Global Id: T0600700024
Status: Open - Verification Monitoring
Status Date: 12/28/1992

Global Id: T0600700024
Status: Completed - Case Closed
Status Date: 06/10/1994

BEACON STATION #1-681 (Continued) **S101580582**

LUST REG 5:

Name:	BEACON SS #681 PARADISE
Address:	6490 SKYWAY RD
City:	PARADISE
Region:	5
Status:	Case Closed
Case Number:	040027
Case Type:	Drinking Water Aquifer affected
Substance:	GASOLINE
Staff Initials:	KLC
Lead Agency:	Regional
Program:	LUST
MTBE Code:	N/A

SWEEPS UST:

Name:	BEACON STATION #1-681
Address:	6490 SKYWAY
City:	PARADISE
Status:	Active
Comp Number:	12470
Number:	1
Board Of Equalization:	44-000030
Referral Date:	05-16-91
Action Date:	02-02-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	04-000-012470-000001
Tank Status:	A
Capacity:	10000
Active Date:	05-16-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	BEACON STATION #1-681
Address:	6490 SKYWAY
City:	PARADISE
Status:	Active
Comp Number:	12470
Number:	1
Board Of Equalization:	44-000030
Referral Date:	05-16-91
Action Date:	02-02-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	04-000-012470-000002
Tank Status:	A
Capacity:	12000
Active Date:	05-16-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	BEACON STATION #1-681

BEACON STATION #1-681 (Continued) **S101580582**

Address:	6490 SKYWAY
City:	PARADISE
Status:	Active
Comp Number:	12470
Number:	1
Board Of Equalization:	44-000030
Referral Date:	05-16-91
Action Date:	02-02-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	04-000-012470-000003
Tank Status:	A
Capacity:	10000
Active Date:	05-16-91
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	04000029
Regulated By:	UTNKA
Regulated ID:	00012470
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	9168728372
Mail To:	Not reported
Mailing Address:	525 W THIRD ST
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

CORTESE:

Name:	BEACON SS #681 PARADISE
Address:	6490 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600700024
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

BEACON STATION #1-681 (Continued) **S101580582**

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

HIST CORTESE:
edr_fname: BEACON SS #681 PARADISE
edr_fadd1: 6490 SKYWAY
City,State,Zip: PARADISE, CA
Region: CORTESE
Facility County Code: 4
Reg By: LTNKA
Reg Id: 040027

CERS:
Name: BEACON SS #681 PARADISE
Address: 6490 SKYWAY RD
City,State,Zip: PARADISE, CA 95969
Site ID: 892872
CERS ID: T0600700024
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: 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,

I30 **BEACON SS #681 PARADISE** **UST FINDER RELEASE** **1028923199**
West **6490 SKYWAY RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.418 mi.
2205 ft. **Site 2 of 5 in cluster I**

Relative:
Lower

Actual:
1744 ft.

UST FINDER RELEASE:
Object ID: 48685
Facility ID: Not reported
Lust ID: CAT0600700024

BEACON SS #681 PARADISE (Continued) **1028923199**

Name:	BEACON SS #681 PARADISE
Address:	6490 SKYWAY 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:	578
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:	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:	-121.62401
Y Coord:	39.75935
Latitude:	39.7593499999999
Longitude:	-121.624009999999

I31
West
1/4-1/2
0.446 mi.
2356 ft.

UNOCAL SS #5816 PARADISE - 2 **UST FINDER RELEASE** **1029124471**
6505 SKYWAY RD **N/A**
PARADISE, CA 95969

Site 3 of 5 in cluster I

Relative:
Lower

Actual:
1746 ft.

UST FINDER RELEASE:

Object ID:	48687
Facility ID:	Not reported
Lust ID:	CAT0600700105
Name:	UNOCAL SS #5816 PARADISE - 2
Address:	6505 SKYWAY 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:	578
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

UNOCAL SS #5816 PARADISE - 2 (Continued) **1029124471**

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:	-121.62396
Y Coord:	39.7595200000001
Latitude:	39.75952
Longitude:	-121.623959999999

I32 **UNOCAL SS #5816 PARADISE** **UST FINDER RELEASE** **1029124472**
West **6505 SKYWAY RD** **N/A**
1/4-1/2 **PARADISE, CA 95969**
0.446 mi.
2356 ft. **Site 4 of 5 in cluster I**

Relative:
Lower

Actual:
1746 ft.

UST FINDER RELEASE:

Object ID:	48686
Facility ID:	Not reported
Lust ID:	CAT0600700018
Name:	UNOCAL SS #5816 PARADISE
Address:	6505 SKYWAY 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:	578
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:	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

UNOCAL SS #5816 PARADISE (Continued) **1029124472**

Coordinate Source:	Geocode
X Coord:	-121.62396
Y Coord:	39.7595200000001
Latitude:	39.75952
Longitude:	-121.623959999999

I33 West 1/4-1/2 0.446 mi. 2356 ft.

Relative: Lower

Actual: 1746 ft.

UNOCAL SS #5816 PARADISE - 2
6505 SKYWAY RD
PARADISE, CA 95969

Site 5 of 5 in cluster I

LUST **S101580591**
SWEEPS UST **N/A**
HIST UST
CA FID UST
Cortese
CUPA Listings
HIST CORTESE
CERS

LUST:

Name:	UNOCAL SS #5816 PARADISE
Address:	6505 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5R)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600700018
Latitude:	39.7594819
Longitude:	-121.6239464
Status:	Completed - Case Closed
Status Date:	04/26/1989
Case Worker:	Not reported
RB Case Number:	040021
Local Agency:	BUTTE COUNTY
File Location:	Not reported
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:	Not reported
Quantity Released Gallons:	Not reported
Begin Date:	08/18/1988
Leak Reported Date:	08/18/1988
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	04/26/1989
CA Water Watershed Name:	Butte Creek - Upper Little Chico (521.30)
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

UNOCAL SS #5816 PARADISE - 2 (Continued) **S101580591**

LUST:

Global Id:	T0600700018
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:	T0600700018
Contact Type:	Regional Board Caseworker - Primary 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

LUST:

Global Id:	T0600700018
Action Type:	ENFORCEMENT
Date:	09/09/1994
Action:	Closure/No Further Action Letter

Global Id:	T0600700018
Action Type:	Other
Date:	08/18/1988
Action:	Leak Stopped

Global Id:	T0600700018
Action Type:	Other
Date:	08/18/1988
Action:	Leak Discovery

Global Id:	T0600700018
Action Type:	Other
Date:	08/18/1988
Action:	Leak Reported

LUST:

Global Id:	T0600700018
Status:	Open - Case Begin Date
Status Date:	08/18/1988

Global Id:	T0600700018
Status:	Open - Site Assessment
Status Date:	12/09/1988

Global Id:	T0600700018
Status:	Completed - Case Closed
Status Date:	04/26/1989

Name:	UNOCAL SS #5816 PARADISE - 2
Address:	6505 SKYWAY RD

UNOCAL SS #5816 PARADISE - 2 (Continued) **S101580591**

City,State,Zip:	PARADISE, CA 95969
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5R)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600700105
Latitude:	39.7595594
Longitude:	-121.6238995
Status:	Completed - Case Closed
Status Date:	09/09/1994
Case Worker:	Not reported
RB Case Number:	040110
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:	Google Geocode
Cuf Case:	Not reported
Quantity Released Gallons:	Not reported
Begin Date:	05/20/1993
Leak Reported Date:	12/03/1993
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Overfill
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	09/09/1994
CA Water Watershed Name:	Butte Creek - Upper Little Chico (521.30)
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:	T0600700105
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:	T0600700105
Contact Type:	Regional Board Caseworker - Primary 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

UNOCAL SS #5816 PARADISE - 2 (Continued) **S101580591**

LUST:

Global Id:	T0600700105
Action Type:	ENFORCEMENT
Date:	09/09/1994
Action:	Closure/No Further Action Letter
Global Id:	T0600700105
Action Type:	Other
Date:	05/20/1993
Action:	Leak Stopped
Global Id:	T0600700105
Action Type:	Other
Date:	05/20/1993
Action:	Leak Discovery
Global Id:	T0600700105
Action Type:	Other
Date:	12/03/1993
Action:	Leak Reported

LUST:

Global Id:	T0600700105
Status:	Open - Case Begin Date
Status Date:	05/20/1993
Global Id:	T0600700105
Status:	Open - Site Assessment
Status Date:	05/20/1993
Global Id:	T0600700105
Status:	Open - Site Assessment
Status Date:	10/30/1993
Global Id:	T0600700105
Status:	Open - Remediation
Status Date:	07/19/1994
Global Id:	T0600700105
Status:	Completed - Case Closed
Status Date:	09/09/1994

LUST REG 5:

Name:	UNOCAL SS #5816 PARADISE
Address:	6505 SKYWAY RD
City:	PARADISE
Region:	5
Status:	Case Closed
Case Number:	040021
Case Type:	Drinking Water Aquifer affected
Substance:	MISC MVF
Staff Initials:	KLC
Lead Agency:	Regional
Program:	LUST
MTBE Code:	N/A

UNOCAL SS #5816 PARADISE - 2 (Continued) **S101580591**

Name: UNOCAL SS #5816 PARADISE - 2
Address: 6505 SKYWAY RD
City: PARADISE
Region: 5
Status: Case Closed
Case Number: 040110
Case Type: Soil only
Substance: WASTE OIL
Staff Initials: KLC
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

SWEEPS UST:
Name: BOB'S UNION SERVICE
Address: 6505 SKYWAY RD
City: PARADISE
Status: Not reported
Comp Number: 30713
Number: Not reported
Board Of Equalization: 44-001729
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 04-000-030713-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Name: BOB'S UNION SERVICE
Address: 6505 SKYWAY RD
City: PARADISE
Status: Not reported
Comp Number: 30713
Number: Not reported
Board Of Equalization: 44-001729
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 04-000-030713-000002
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: BOB'S UNION SERVICE
Address: 6505 SKYWAY RD
City: PARADISE

UNOCAL SS #5816 PARADISE - 2 (Continued) **S101580591**

Status:	Not reported
Comp Number:	30713
Number:	Not reported
Board Of Equalization:	44-001729
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	04-000-030713-000003
Tank Status:	Not reported
Capacity:	280
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

HIST UST:

Name:	UNION OIL SS 5816
Address:	6505 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
File Number:	0002234a

URL:

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

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

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

Click here for Geo Tracker PDF:

CA FID UST:

UNOCAL SS #5816 PARADISE - 2 (Continued) **S101580591**

Facility ID:	04000133
Regulated By:	UTNKA
Regulated ID:	00030713
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	9168777600
Mail To:	Not reported
Mailing Address:	6505 SKYWAY 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

CORTESE:

Name:	UNOCAL SS #5816 PARADISE
Address:	6505 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600700018
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:	UNOCAL SS #5816 PARADISE - 2
Address:	6505 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600700105
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

UNOCAL SS #5816 PARADISE - 2 (Continued) **S101580591**

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:	BOB'S UNION SERVICE
Address:	6505 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Program/Element:	GENERAL UST
Billing Status:	INACTIVE, NON-BILLABLE
CERS ID:	Not reported

HIST CORTESE:

edr_fname:	UNOCAL SS #5816 PARADISE
edr_fadd1:	6505 SKYWAY
City,State,Zip:	PARADISE, CA
Region:	CORTESE
Facility County Code:	4
Reg By:	LTNKA
Reg Id:	040021

edr_fname:	UNOCAL SS #5816 PARADISE
edr_fadd1:	6505 SKYWAY
City,State,Zip:	PARADISE, CA
Region:	CORTESE
Facility County Code:	4
Reg By:	LTNKA
Reg Id:	040110

CERS:

Name:	UNOCAL SS #5816 PARADISE
Address:	6505 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	855594
CERS ID:	T0600700018
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,

UNOCAL SS #5816 PARADISE - 2 (Continued) **S101580591**

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:	,

Name:	UNOCAL SS #5816 PARADISE - 2
Address:	6505 SKYWAY RD
City,State,Zip:	PARADISE, CA 95969
Site ID:	859992
CERS ID:	T0600700105
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:	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,

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: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
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: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
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: 09/22/2025
Date Data Arrived at EDR: 09/23/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/23/2025
Next Scheduled EDR Contact: 01/05/2026
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: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/19/2026
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: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/19/2026
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: 06/02/2025
Date Data Arrived at EDR: 06/03/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 03/11/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 06/24/2025
Number of Days to Update: 83

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 10/28/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/30/2025
Date Data Arrived at EDR: 11/11/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/30/2025
Date Data Arrived at EDR: 11/11/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
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: 06/10/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 4

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 07/17/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/08/2025
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/20/2025
Next Scheduled EDR Contact: 02/02/2026
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: 07/17/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/08/2025
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/20/2025
Next Scheduled EDR Contact: 02/02/2026
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: 07/31/2025
Date Data Arrived at EDR: 07/31/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 82

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

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

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

LUST REG 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 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 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 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

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

LUST REG 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: 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: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 05/27/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 05/22/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

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

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
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: 06/06/2025
Date Data Arrived at EDR: 08/26/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 78

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 01/12/2026
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: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 81

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 08/29/2025
Next Scheduled EDR Contact: 12/15/2025
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
Data Release Frequency: Varies

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: 08/25/2025
Date Data Arrived at EDR: 09/03/2025
Date Made Active in Reports: 11/19/2025
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/03/2025
Next Scheduled EDR Contact: 12/15/2025
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: 09/03/2025
Next Scheduled EDR Contact: 12/22/2025
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: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 05/22/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 05/22/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 04/21/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
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: 05/27/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

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

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/09/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/17/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/08/2025
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/20/2025
Next Scheduled EDR Contact: 02/02/2026
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: 06/12/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 09/05/2025
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 12/26/2025
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: 09/19/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 11/24/2025
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/22/2025
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: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/29/2025
Next Scheduled EDR Contact: 12/15/2025
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/13/2025
Date Data Arrived at EDR: 11/17/2025
Date Made Active in Reports: 11/19/2025
Number of Days to Update: 2

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 10/28/2025
Next Scheduled EDR Contact: 02/16/2026
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 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: 10/23/2025
Next Scheduled EDR Contact: 02/02/2026
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: 04/04/2025
Date Data Arrived at EDR: 06/02/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/17/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/08/2025
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/20/2025
Next Scheduled EDR Contact: 02/02/2026
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: 11/20/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

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: 04/14/2025
Date Data Arrived at EDR: 04/15/2025
Date Made Active in Reports: 07/07/2025
Number of Days to Update: 83

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/13/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 04/04/2025
Date Data Arrived at EDR: 06/02/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
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: 07/28/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 84

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 07/14/2025
Date Data Arrived at EDR: 07/15/2025
Date Made Active in Reports: 10/06/2025
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/13/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/27/2025
Date Data Arrived at EDR: 08/28/2025
Date Made Active in Reports: 11/14/2025
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
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: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
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: 08/21/2025
Date Data Arrived at EDR: 08/21/2025
Date Made Active in Reports: 11/07/2025
Number of Days to Update: 78

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
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: 06/11/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 4

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 05/31/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/03/2025
Number of Days to Update: 85

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
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: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 07/23/2025
Date Data Arrived at EDR: 07/23/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 6

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/23/2026
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: 10/07/2025
Next Scheduled EDR Contact: 01/19/2026
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: 10/02/2025
Next Scheduled EDR Contact: 01/12/2026
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: 11/03/2025
Next Scheduled EDR Contact: 02/16/2026
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: 06/02/2025
Date Data Arrived at EDR: 06/03/2025
Date Made Active in Reports: 06/16/2025
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 10/30/2025
Next Scheduled EDR Contact: 02/09/2026
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: 09/11/2025
Next Scheduled EDR Contact: 12/22/2025
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: 12/31/2023
Date Data Arrived at EDR: 08/11/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 91

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/10/2025
Next Scheduled EDR Contact: 02/23/2026
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: 07/14/2025
Date Data Arrived at EDR: 07/14/2025
Date Made Active in Reports: 10/13/2025
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/14/2025
Next Scheduled EDR Contact: 01/26/2026
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: 10/30/2025
Date Data Arrived at EDR: 11/03/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 15

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 12/08/2025
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: 07/01/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/08/2025
Next Scheduled EDR Contact: 01/26/2026
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: 06/26/2025
Date Data Arrived at EDR: 07/01/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 28

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 02/09/2026
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: 08/12/2025
Date Data Arrived at EDR: 09/30/2025
Date Made Active in Reports: 11/24/2025
Number of Days to Update: 55

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/30/2025
Next Scheduled EDR Contact: 01/12/2026
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: 09/23/2025
Next Scheduled EDR Contact: 01/12/2026
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: 08/11/2025
Date Data Arrived at EDR: 08/12/2025
Date Made Active in Reports: 11/04/2025
Number of Days to Update: 84

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/23/2025
Next Scheduled EDR Contact: 01/26/2026
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: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
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: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
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: 10/30/2025
Next Scheduled EDR Contact: 02/09/2026
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: 09/17/2025
Next Scheduled EDR Contact: 01/05/2026
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: 06/30/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/13/2025
Number of Days to Update: 88

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/20/2025
Next Scheduled EDR Contact: 02/02/2026
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: 06/30/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 01/12/2026
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: 12/31/2023
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/07/2025
Number of Days to Update: 16

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 09/29/2025
Next Scheduled EDR Contact: 01/12/2026
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: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 05/15/2025
Date Data Arrived at EDR: 05/15/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 75

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/10/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/29/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 10/28/2025
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 01/05/2026
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

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 07/01/2025
Date Data Arrived at EDR: 07/01/2025
Date Made Active in Reports: 09/24/2025
Number of Days to Update: 85

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 08/08/2025
Date Data Arrived at EDR: 08/18/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 04/08/2025
Date Data Arrived at EDR: 05/20/2025
Date Made Active in Reports: 08/12/2025
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/12/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/20/2025
Next Scheduled EDR Contact: 03/02/2026
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: 09/10/2025
Date Data Arrived at EDR: 09/10/2025
Date Made Active in Reports: 11/12/2025
Number of Days to Update: 63

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 09/04/2025
Date Data Arrived at EDR: 10/01/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 48

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
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: 09/20/2025
Date Data Arrived at EDR: 09/26/2025
Date Made Active in Reports: 11/24/2025
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 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: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 07/31/2025
Date Data Arrived at EDR: 08/14/2025
Date Made Active in Reports: 11/04/2025
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/29/2025
Next Scheduled EDR Contact: 01/19/2026
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/07/2025
Date Data Arrived at EDR: 08/07/2025
Date Made Active in Reports: 11/04/2025
Number of Days to Update: 89

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/23/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 09/24/2025
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 11/12/2024
Date Data Arrived at EDR: 07/21/2025
Date Made Active in Reports: 10/13/2025
Number of Days to Update: 84

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 05/15/2024
Date Data Arrived at EDR: 03/06/2025
Date Made Active in Reports: 06/03/2025
Number of Days to Update: 89

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 09/02/2025
Next Scheduled EDR Contact: 12/15/2025
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 06/23/2025
Date Data Arrived at EDR: 06/26/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 09/25/2025
Date Data Arrived at EDR: 09/26/2025
Date Made Active in Reports: 11/24/2025
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 09/26/2025
Next Scheduled EDR Contact: 01/12/2026
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: 09/24/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: No Update Planned

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: 09/24/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/06/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 01/26/2026
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: 11/06/2025
Next Scheduled EDR Contact: 02/16/2026
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: 11/06/2025
Next Scheduled EDR Contact: 02/16/2026
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: 06/02/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 08/13/2025
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 10/01/2025
Next Scheduled EDR Contact: 12/29/2025
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: 09/02/2025
Date Data Arrived at EDR: 09/03/2025
Date Made Active in Reports: 11/19/2025
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/03/2025
Next Scheduled EDR Contact: 12/15/2025
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: 09/02/2025
Date Data Arrived at EDR: 09/02/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/02/2025
Next Scheduled EDR Contact: 12/15/2025
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: 09/02/2025
Date Data Arrived at EDR: 09/02/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/02/2025
Next Scheduled EDR Contact: 12/15/2025
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: 06/12/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 09/05/2025
Number of Days to Update: 85

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 12/29/2025
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: 11/06/2025
Next Scheduled EDR Contact: 02/16/2026
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: 05/02/2025
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: 05/05/2025
Date Data Arrived at EDR: 05/07/2025
Date Made Active in Reports: 07/28/2025
Number of Days to Update: 82

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 05/02/2025
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: 05/02/2025
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: 05/02/2025
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 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: 05/02/2025
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: 05/02/2025
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: 05/02/2025
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: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

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: 05/02/2025
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: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
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: 10/23/2025
Next Scheduled EDR Contact: 02/02/2026
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: 05/05/2025
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: 05/02/2025
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: 08/21/2025
Date Data Arrived at EDR: 08/26/2025
Date Made Active in Reports: 11/14/2025
Number of Days to Update: 80

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Annually

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: 08/12/2025
Date Data Arrived at EDR: 08/26/2025
Date Made Active in Reports: 11/14/2025
Number of Days to Update: 80

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
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: 05/02/2025
Date Data Arrived at EDR: 05/02/2025
Date Made Active in Reports: 07/18/2025
Number of Days to Update: 77

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 05/02/2025
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: 08/20/2025
Date Data Arrived at EDR: 08/20/2025
Date Made Active in Reports: 11/07/2025
Number of Days to Update: 79

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/17/2025
Next Scheduled EDR Contact: 03/09/2026
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: 05/02/2025
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: 04/03/2025
Date Data Arrived at EDR: 05/07/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 83

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 05/02/2025
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: 04/15/2025
Date Data Arrived at EDR: 05/07/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 83

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 05/02/2025
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: 05/02/2025
Date Data Arrived at EDR: 05/07/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 83

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 05/02/2025
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: 05/05/2025
Date Data Arrived at EDR: 05/07/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 83

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 05/02/2025
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: 05/15/2025
Date Data Arrived at EDR: 05/15/2025
Date Made Active in Reports: 07/29/2025
Number of Days to Update: 75

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 05/02/2025
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: 05/02/2025
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: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
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: 05/02/2025
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: 06/05/2025
Date Data Arrived at EDR: 06/11/2025
Date Made Active in Reports: 08/20/2025
Number of Days to Update: 70

Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
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: 05/02/2025
Date Data Arrived at EDR: 05/08/2025
Date Made Active in Reports: 07/28/2025
Number of Days to Update: 81

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
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: 12/31/2023
Date Data Arrived at EDR: 03/11/2025
Date Made Active in Reports: 05/23/2025
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/11/2025
Next Scheduled EDR Contact: 12/22/2025
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: 07/14/2025
Date Data Arrived at EDR: 07/14/2025
Date Made Active in Reports: 10/03/2025
Number of Days to Update: 81

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/14/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/08/2025
Date Data Arrived at EDR: 07/09/2025
Date Made Active in Reports: 10/03/2025
Number of Days to Update: 86

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 08/08/2025
Date Data Arrived at EDR: 08/25/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 10/28/2025
Next Scheduled EDR Contact: 02/16/2026
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: 08/07/2025
Date Data Arrived at EDR: 08/07/2025
Date Made Active in Reports: 10/31/2025
Number of Days to Update: 85

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/23/2026
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: 08/07/2025
Date Data Arrived at EDR: 08/07/2025
Date Made Active in Reports: 11/03/2025
Number of Days to Update: 88

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2025
Next Scheduled EDR Contact: 02/23/2026
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: 06/25/2025
Date Data Arrived at EDR: 06/25/2025
Date Made Active in Reports: 09/18/2025
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 09/29/2025
Next Scheduled EDR Contact: 01/12/2026
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: 06/26/2025
Date Data Arrived at EDR: 07/02/2025
Date Made Active in Reports: 08/18/2025
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 09/23/2025
Next Scheduled EDR Contact: 01/12/2026
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: 12/31/2024
Date Data Arrived at EDR: 06/30/2025
Date Made Active in Reports: 08/18/2025
Number of Days to Update: 49

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 09/29/2025
Next Scheduled EDR Contact: 01/12/2026
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: 09/02/2025
Date Data Arrived at EDR: 09/03/2025
Date Made Active in Reports: 11/19/2025
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/03/2025
Next Scheduled EDR Contact: 12/15/2025
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: 08/05/2025
Date Data Arrived at EDR: 08/21/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/21/2025
Next Scheduled EDR Contact: 12/08/2025
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/04/2025
Date Data Arrived at EDR: 08/05/2025
Date Made Active in Reports: 10/23/2025
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 02/16/2026
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: 08/21/2025
Date Data Arrived at EDR: 08/21/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 81

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/29/2025
Next Scheduled EDR Contact: 12/15/2025
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: 06/04/2025
Date Data Arrived at EDR: 06/04/2025
Date Made Active in Reports: 08/27/2025
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/03/2025
Next Scheduled EDR Contact: 12/22/2025
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: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 81

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 08/29/2025
Next Scheduled EDR Contact: 12/15/2025
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
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: 10/02/2025
Next Scheduled EDR Contact: 01/12/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 09/09/2025
Next Scheduled EDR Contact: 12/29/2025
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
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: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 08/29/2025
Next Scheduled EDR Contact: 12/15/2025
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: 08/21/2025
Date Data Arrived at EDR: 08/21/2025
Date Made Active in Reports: 11/07/2025
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
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: 07/14/2025
Date Data Arrived at EDR: 07/14/2025
Date Made Active in Reports: 10/06/2025
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/13/2025
Next Scheduled EDR Contact: 01/26/2026
Data Release Frequency: Varies

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

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
Data Release Frequency: Varies

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

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
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: 08/29/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/17/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/24/2025
Next Scheduled EDR Contact: 03/16/2026
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: 09/23/2025
Next Scheduled EDR Contact: 01/12/2026
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: 09/23/2025
Next Scheduled EDR Contact: 01/12/2026
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: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 09/23/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/17/2025
Date Data Arrived at EDR: 03/19/2025
Date Made Active in Reports: 05/30/2025
Number of Days to Update: 72

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/09/2025
Next Scheduled EDR Contact: 12/29/2025
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: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 07/15/2025
Date Data Arrived at EDR: 07/16/2025
Date Made Active in Reports: 10/08/2025
Number of Days to Update: 84

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 79

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
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: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
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: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
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: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/08/2025
Date Data Arrived at EDR: 07/09/2025
Date Made Active in Reports: 10/03/2025
Number of Days to Update: 86

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 07/30/2025
Date Data Arrived at EDR: 07/30/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 83

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

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

Date of Government Version: 07/30/2025
Date Data Arrived at EDR: 07/30/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 83

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/15/2025
Number of Days to Update: 76

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/09/2025
Next Scheduled EDR Contact: 01/19/2026
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: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 09/03/2025
Next Scheduled EDR Contact: 12/22/2025
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/01/2025
Date Data Arrived at EDR: 07/09/2025
Date Made Active in Reports: 10/03/2025
Number of Days to Update: 86

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 09/23/2025
Next Scheduled EDR Contact: 01/12/2026
Data Release Frequency: Semi-Annually

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

Date of Government Version: 07/03/2025
Date Data Arrived at EDR: 07/03/2025
Date Made Active in Reports: 09/26/2025
Number of Days to Update: 85

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/19/2026
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: 09/30/2025
Next Scheduled EDR Contact: 01/19/2026
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: 09/09/2025
Next Scheduled EDR Contact: 12/29/2025
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: 10/09/2025
Next Scheduled EDR Contact: 01/19/2026
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: 06/03/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 09/05/2025
Number of Days to Update: 85

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 12/29/2025
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: 06/03/2025
Date Data Arrived at EDR: 06/12/2025
Date Made Active in Reports: 09/05/2025
Number of Days to Update: 85

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 12/29/2025
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: 04/29/2025
Date Data Arrived at EDR: 07/10/2025
Date Made Active in Reports: 10/03/2025
Number of Days to Update: 85

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/16/2025
Next Scheduled EDR Contact: 02/02/2026
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: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
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: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 07/16/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/09/2025
Number of Days to Update: 84

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/08/2025
Next Scheduled EDR Contact: 01/26/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
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: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/11/2025
Date Data Arrived at EDR: 08/12/2025
Date Made Active in Reports: 11/04/2025
Number of Days to Update: 84

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Varies

MONTEREY COUNTY:

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

Date of Government Version: 09/25/2025
Date Data Arrived at EDR: 09/26/2025
Date Made Active in Reports: 10/08/2025
Number of Days to Update: 12

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
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: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
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: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/25/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 84

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
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: 07/30/2025
Date Data Arrived at EDR: 07/30/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/30/2025
Date Data Arrived at EDR: 07/30/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/29/2025
Date Data Arrived at EDR: 04/30/2025
Date Made Active in Reports: 07/17/2025
Number of Days to Update: 78

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: No Update Planned

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/19/2025
Date Data Arrived at EDR: 08/19/2025
Date Made Active in Reports: 11/06/2025
Number of Days to Update: 79

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
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: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 09/03/2025
Next Scheduled EDR Contact: 12/22/2025
Data Release Frequency: Quarterly

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

Date of Government Version: 03/06/2025
Date Data Arrived at EDR: 03/07/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/03/2025
Next Scheduled EDR Contact: 12/22/2025
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: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
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: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/25/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 84

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 08/20/2025
Date Data Arrived at EDR: 08/20/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 82

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/27/2025
Next Scheduled EDR Contact: 02/09/2026
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: 08/21/2025
Date Data Arrived at EDR: 08/21/2025
Date Made Active in Reports: 11/10/2025
Number of Days to Update: 81

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/19/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: Quarterly

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

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 01/15/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 72

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 11/18/2025
Next Scheduled EDR Contact: 03/09/2026
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 05/02/2025
Date Data Arrived at EDR: 05/07/2025
Date Made Active in Reports: 07/30/2025
Number of Days to Update: 84

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 07/10/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/20/2025
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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. The Maher Ordinance requires San Francisco Department of Public Health (DPH) oversight for the characterization and mitigation of hazardous substances found in soil, soil vapor, and groundwater in areas designated within the Maher map. The Maher map includes areas with current or historical industrial use or zoning; areas within 100 feet of current or historical underground tanks; filled former Bay, marsh, or creek areas; or areas within 150 feet of a current or former elevated highway. City of San Francisco Planning.

Date of Government Version: 07/13/2025
Date Data Arrived at EDR: 07/14/2025
Date Made Active in Reports: 10/06/2025
Number of Days to Update: 84

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/14/2025
Next Scheduled EDR Contact: 01/26/2026
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: 09/03/2025
Next Scheduled EDR Contact: 12/22/2025
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

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

Date of Government Version: 11/04/2025
Date Data Arrived at EDR: 11/05/2025
Date Made Active in Reports: 11/14/2025
Number of Days to Update: 9

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 11/21/2025
Next Scheduled EDR Contact: 03/16/2026
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: 11/21/2025
Next Scheduled EDR Contact: 03/16/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/08/2025
Date Data Arrived at EDR: 08/12/2025
Date Made Active in Reports: 11/03/2025
Number of Days to Update: 83

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 11/04/2025
Next Scheduled EDR Contact: 02/23/2026
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: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
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: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
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: 09/09/2025
Next Scheduled EDR Contact: 12/29/2025
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: 09/09/2025
Next Scheduled EDR Contact: 12/29/2025
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: 09/30/2025
Next Scheduled EDR Contact: 01/19/2026
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/05/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/11/2025
Next Scheduled EDR Contact: 03/02/2026
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 02/11/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 79

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/04/2025
Next Scheduled EDR Contact: 02/09/2026
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/09/2025
Date Data Arrived at EDR: 04/10/2025
Date Made Active in Reports: 06/27/2025
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 10/22/2025
Next Scheduled EDR Contact: 02/09/2026
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: 10/07/2025
Next Scheduled EDR Contact: 01/26/2026
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: 06/26/2025
Date Data Arrived at EDR: 07/21/2025
Date Made Active in Reports: 10/09/2025
Number of Days to Update: 80

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/13/2025
Next Scheduled EDR Contact: 01/26/2026
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: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
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: 10/28/2025
Next Scheduled EDR Contact: 02/16/2026
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: 06/26/2025
Date Data Arrived at EDR: 07/17/2025
Date Made Active in Reports: 10/09/2025
Number of Days to Update: 84

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/13/2025
Next Scheduled EDR Contact: 01/26/2026
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: 08/26/2025
Date Data Arrived at EDR: 08/29/2025
Date Made Active in Reports: 11/18/2025
Number of Days to Update: 81

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/29/2025
Next Scheduled EDR Contact: 12/15/2025
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: 09/16/2025
Date Data Arrived at EDR: 09/17/2025
Date Made Active in Reports: 10/02/2025
Number of Days to Update: 15

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/16/2025
Next Scheduled EDR Contact: 01/05/2026
Data Release Frequency: Annually

YUBA COUNTY:

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

Date of Government Version: 07/02/2025
Date Data Arrived at EDR: 07/29/2025
Date Made Active in Reports: 10/21/2025
Number of Days to Update: 84

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/15/2025
Next Scheduled EDR Contact: 02/02/2026
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2025
Date Data Arrived at EDR: 07/31/2025
Date Made Active in Reports: 10/16/2025
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/03/2025
Next Scheduled EDR Contact: 02/16/2026
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: 09/24/2025
Next Scheduled EDR Contact: 01/12/2026
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: 10/23/2025
Next Scheduled EDR Contact: 02/02/2026
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: 10/01/2025
Next Scheduled EDR Contact: 01/19/2026
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: 11/05/2025
Next Scheduled EDR Contact: 02/23/2026
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: 11/21/2025
Next Scheduled EDR Contact: 03/16/2026
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

PARADISE USD - NEW SCHOOL FACILITY
955 ELLIOT ROAD
PARADISE, CA 95969

TARGET PROPERTY COORDINATES

Latitude (North):	39.760026 - 39˚ 45’ 36.09’’
Longitude (West):	121.614269 - 121˚ 36’ 51.37’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	618703.8
UTM Y (Meters):	4401831.5
Elevation:	1852 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).

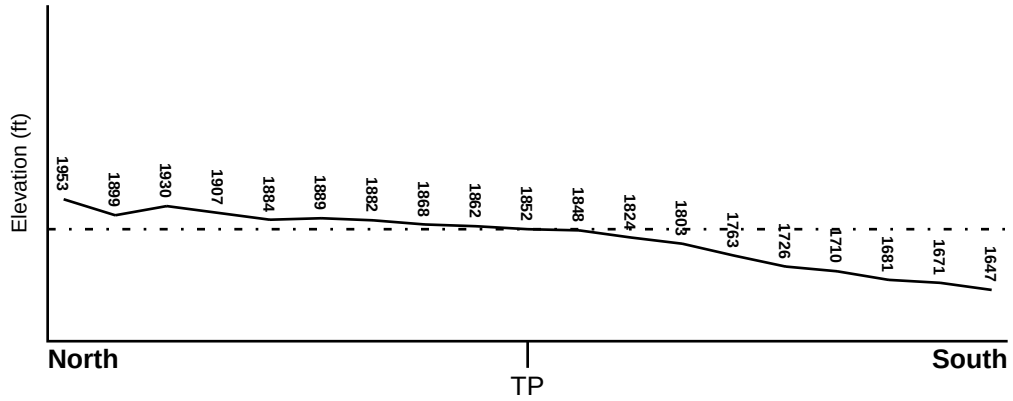
TOPOGRAPHIC INFORMATION

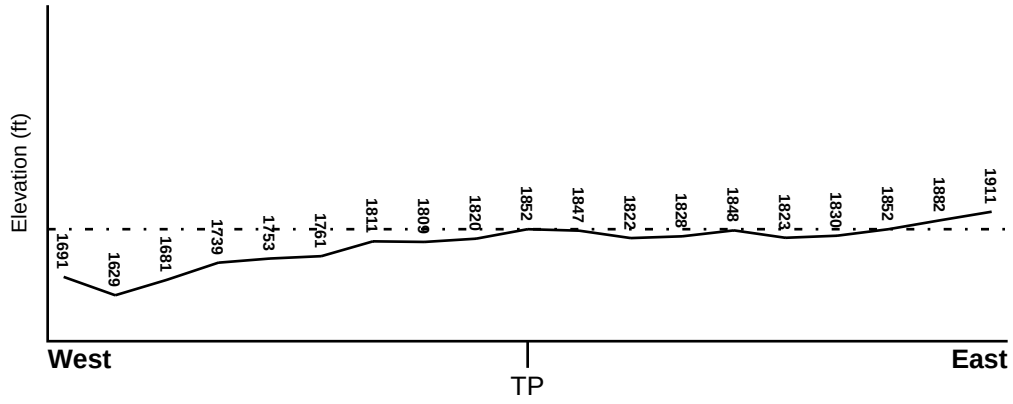
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 1852 ft.

0 1/2 1 Miles

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
06007C0550E	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

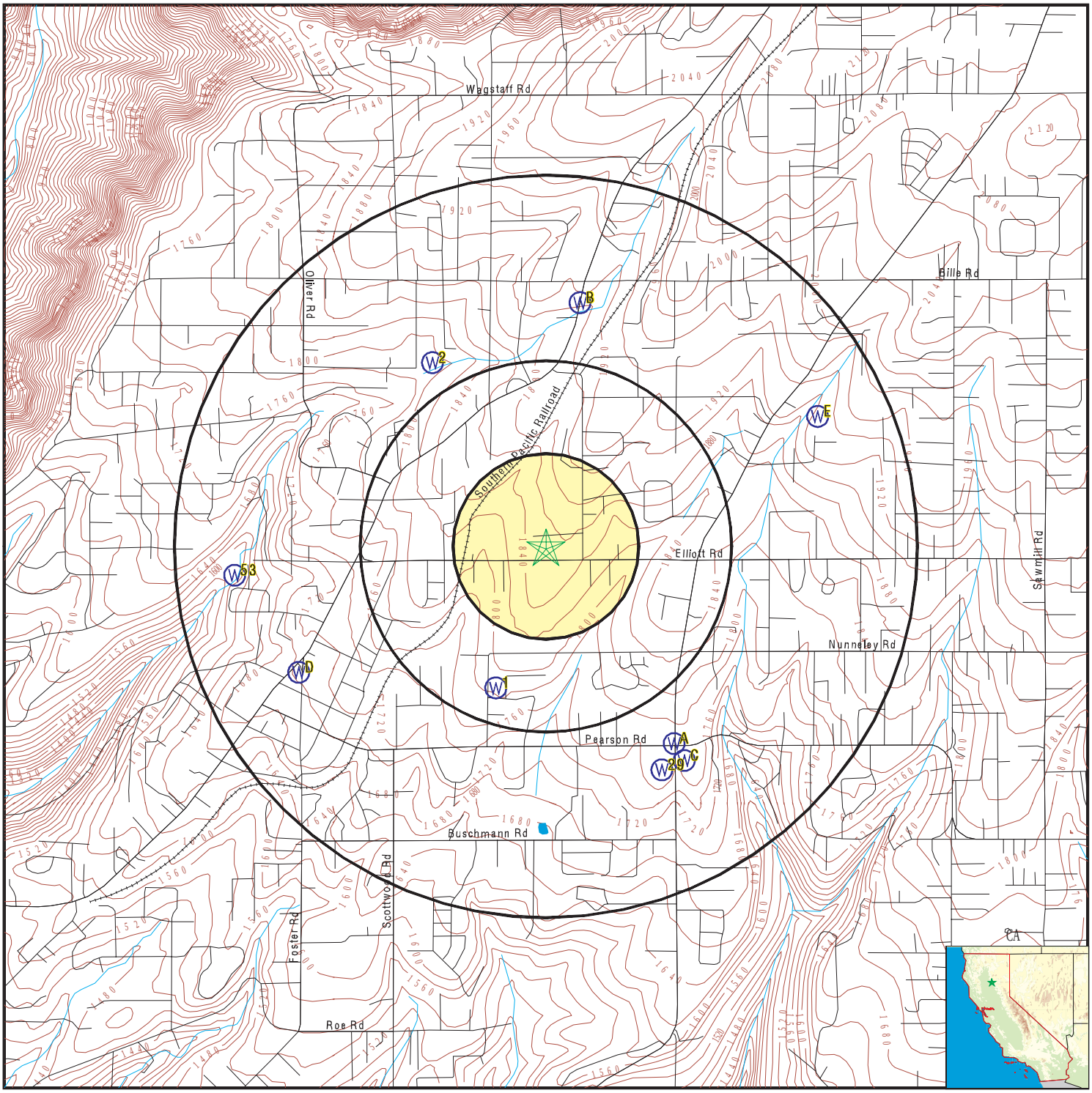
MAP ID	WELL ID	LOCATION FROM TP
1	CADDW2000022174	1/4 - 1/2 Mile SSW
2	CADWR0000038054	1/2 - 1 Mile NNW
A3	CAEDF0000078593	1/2 - 1 Mile SE
A4	CAEDF0000087532	1/2 - 1 Mile SSE
A5	CAEDF0000010349	1/2 - 1 Mile SSE
A6	CAEDF0000111769	1/2 - 1 Mile SSE
A7	CAEDF0000034918	1/2 - 1 Mile SSE
A8	CAEDF0000083618	1/2 - 1 Mile SSE
A9	CAEDF0000052997	1/2 - 1 Mile SSE
A10	CAEDF0000031850	1/2 - 1 Mile SSE
A11	CAEDF0000003763	1/2 - 1 Mile SSE
A12	CAEDF0000068672	1/2 - 1 Mile SE
A13	CAEDF0000087992	1/2 - 1 Mile SE
A14	CAEDF0000137818	1/2 - 1 Mile SE
A15	CAEDF0000126707	1/2 - 1 Mile SE
A16	CAEDF0000017466	1/2 - 1 Mile SE
A17	CAEDF0000055525	1/2 - 1 Mile SE
A18	CAEDF0000019498	1/2 - 1 Mile SSE
B19	CAEDF0000058250	1/2 - 1 Mile North
B20	CAEDF0000060455	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A21	CAEDF0000034448	1/2 - 1 Mile SE
A22	CAEDF0000098651	1/2 - 1 Mile SSE
A23	CAEDF0000143397	1/2 - 1 Mile SE
B24	CAEDF0000116040	1/2 - 1 Mile North
A25	CAEDF0000133865	1/2 - 1 Mile SE
B26	CAEDF0000128605	1/2 - 1 Mile North
A27	CAEDF0000067384	1/2 - 1 Mile SE
C28	CAEDF0000129811	1/2 - 1 Mile SE
29	CAEDF0000008792	1/2 - 1 Mile SSE
C30	CAEDF0000019452	1/2 - 1 Mile SE
B31	CAEDF0000137103	1/2 - 1 Mile North
C32	CAEDF0000104655	1/2 - 1 Mile SSE
C33	CAEDF0000033326	1/2 - 1 Mile SSE
C34	CAEDF0000019991	1/2 - 1 Mile SSE
C35	CAEDF0000114428	1/2 - 1 Mile SE
D36	CAEDF0000051479	1/2 - 1 Mile WSW
D37	CAEDF0000102299	1/2 - 1 Mile WSW
D38	CAEDF0000092557	1/2 - 1 Mile WSW
D39	CAEDF0000106667	1/2 - 1 Mile WSW
D40	CAEDF0000078507	1/2 - 1 Mile WSW
D41	CAEDF0000073242	1/2 - 1 Mile WSW
D42	CAEDF0000110349	1/2 - 1 Mile WSW
D43	CAEDF0000087729	1/2 - 1 Mile WSW
D44	CAEDF0000074860	1/2 - 1 Mile WSW
D45	CAEDF0000023533	1/2 - 1 Mile WSW
D46	CAEDF0000086959	1/2 - 1 Mile WSW
D47	CAEDF0000043038	1/2 - 1 Mile WSW
D48	CAEDF0000008883	1/2 - 1 Mile WSW
E49	CALLNL000000341	1/2 - 1 Mile ENE
E50	CAUSGSN00010506	1/2 - 1 Mile ENE
E51	CADDW2000005729	1/2 - 1 Mile ENE
E52	CAUSGS000001755	1/2 - 1 Mile ENE
53	CADWR0000018799	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 8184619.2s



0 1/4 1/2 1 Miles

N

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
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME: Paradise USD - New School Facility	CLIENT: Padre Associates, Inc
ADDRESS: 955 Elliot Road Paradise CA 95969	CONTACT: Collin Quesenberry INQUIRY #: 8184619.2s
LAT/LONG: 39.760026 / 121.614269	DATE: November 25, 2025 6:09 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **SSW** **1/4 - 1/2 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		

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2 **NNW** **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		

A3 **SE** **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		

A4 **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
A5 **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		

A6 **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		

A7 **SSE** **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**	**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		

Map ID Direction Distance Elevation	Database	EDR ID Number
A9 **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		

A10 **SSE** **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		

A11 **SSE** **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		

A12 **SE** **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
A13 **SE** **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		

A14 **SE** **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		

A15 **SE** **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		

A16 **SE** **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
A17 **SE** **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		

A18 **SSE** **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		

B19 **North** **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		

B20 **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
A21 **SE** **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		

A22 **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		

A23 **SE** **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		

B24 **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
A25 **SE** **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		

B26 **North** **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		

A27 **SE** **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		

C28 **SE** **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
29 **SSE** **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		

C30 **SE** **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		

B31 **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		

C32 **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
C33 **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		

C34 **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		

C35 **SE** **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		

D36 **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
D37 **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		

D38 **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		

D39 **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		

D40 **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
D41 **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		

D42 **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		

D43 **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		

D44 **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
D45 **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		

D46 **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		

D47 **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		

D48 **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
E49 **ENE** **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

E50 **ENE** **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		

Map ID Direction Distance Elevation	Database	EDR ID Number
E51 **ENE** **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		

E52 **ENE** **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		

---

53 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR0000018799**

Well ID:	22N03E15P001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	22N03E15P001M	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=22N03E15P001M&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
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 F
NOISE AND VIBRATION ASSESSMENT

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Noise Monitoring Data

Measurement Report

Report Summary

Meter's File Name	S_T_Data.057.s	Computer's File Name	LxT_0005425-20251118 113657-S_T_Data.057.ldbin
Meter	LxT1 0005425	Firmware	2.404
User	J.R	Location	ST-1
Job Description	PRSD-09.0		
Note			

Start Time	2025-11-18 11:36:57	Duration	0:15:00.0		
End Time	2025-11-18 11:51:57	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-11-18 11:35:28	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	49.3 dB		
LAE	78.8 dB	SEA	--- dB
EA	8.5 µPa²h		
EA8	272.4 µPa²h		
EA40	1.4 mPa²h		
LZ_{peak}	88.1 dB	2025-11-18 11:36:58	
LAS_{max}	60.4 dB	2025-11-18 11:50:56	
LAS_{min}	37.6 dB	2025-11-18 11:49:25	
LA_{eq}	49.3 dB		
LC_{eq}	59.1 dB	LC_{eq} - LA_{eq}	9.8 dB
LAI_{eq}	51.4 dB	LAI_{eq} - LA_{eq}	2.1 dB

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpk > 135.0 dB	0	0:00:00.0
LZpk > 137.0 dB	0	0:00:00.0
LZpk > 140.0 dB	0	0:00:00.0

Community Noise

L_{DN}	L_{Day}	L_{Night}
--- dB	--- dB	0.0 dB

L_{DEN}	L_{Day}	L_{Eve}	L_{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

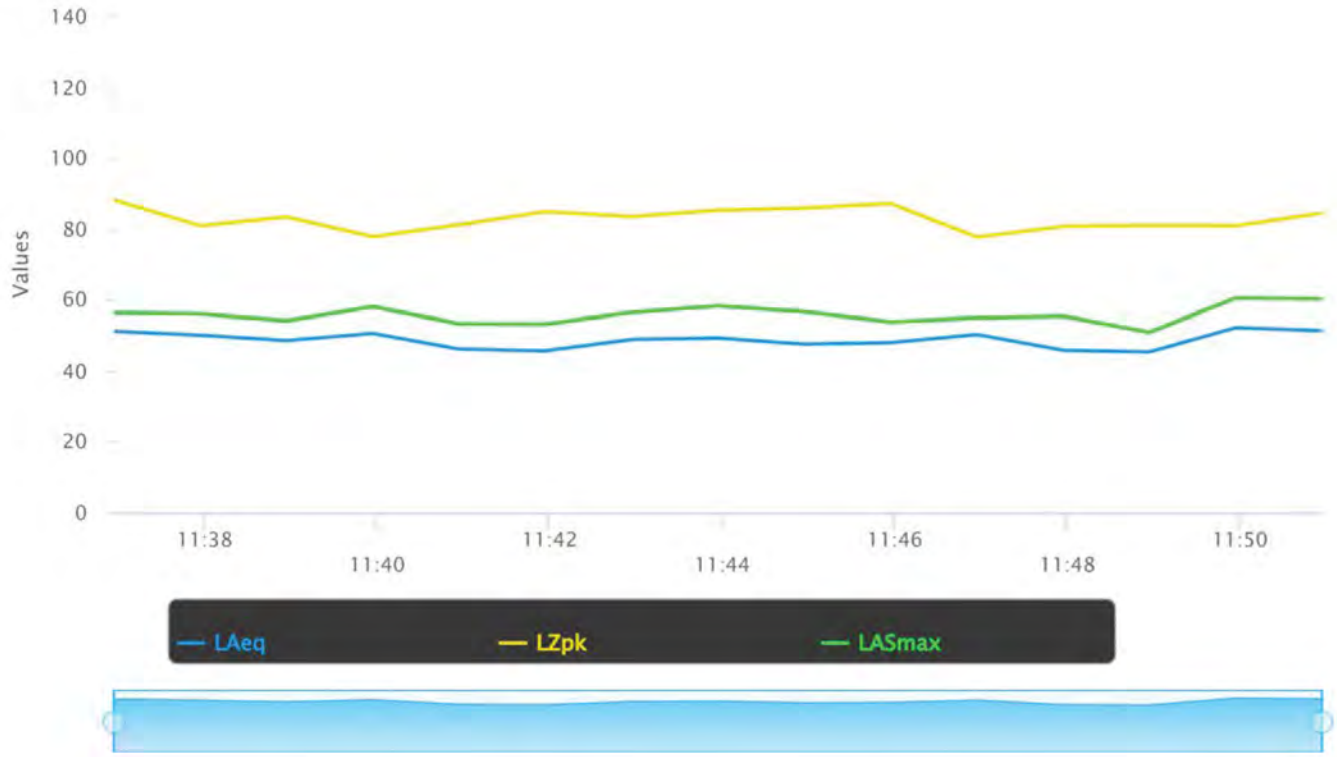
	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	49.3 dB		59.1 dB		--- dB	
$L_{S(max)}$	60.4 dB	2025-11-18 11:50:56	--- dB	None	--- dB	None
$L_{S(min)}$	37.6 dB	2025-11-18 11:49:25	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	88.1 dB	2025-11-18 11:36:58

Overloads	Count	Duration
	0	0:00:00.0

Statistics

LAS 2.0	56.0 dB
LAS 8.0	53.2 dB
LAS 25.0	50.3 dB
LAS 50.0	46.8 dB
LAS 90.0	40.9 dB
LAS 99.0	38.9 dB

Time History



Project Name: PRSP - 09.0

Date: 11-18-25

Project Number:

Monitoring Personnel: J.R

Monitoring Site #: ST-1

Time Start: 10:36 End: 10:51am

Site Location/Address:

Primary Noise Source: people talking, vehicle traffic, Birds
School bell

Measurement Results	
Percentiles	dBA
Leq	49.3
Lmax	60.4
Lmin	
L2	
L8	
L25	
L50	
Other	
SEL/CNEL	

Observed Noise Sources/Events		
Time	Noise Source Event	dBA

Data File: 057 ☐ Photos:

Comments (sound walls, height, etc..)

Max Wind Velocity (knots/hr)	Average Wind Velocity (knots/hr)	Temperature (F)	Relative Humidity (%)
8 mph S	5 mph S	50° F	83%

Traffic counts in both directions:

Roadway	# Lanes	Posted Speed	Autos	MD	HD
Elliot Road	2	30mph	18	38	4

Measurement Report

Report Summary

Meter's File Name	S_T_Data.058.s	Computer's File Name	LxT_0005425-20251118 115526-S_T_Data.058.ldbin
Meter	LxT1 0005425	Firmware	2.404
User	J.R.	Location	ST-2
Job Description	PRSD-09.0		
Note			

Start Time	2025-11-18 11:55:26	Duration	0:15:00.0		
End Time	2025-11-18 12:10:26	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-11-18 11:35:23	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	56.2 dB		
LAE	85.7 dB	SEA	--- dB
EA	41.7 µPa²h		
EA8	1.3 mPa²h		
EA40	6.7 mPa²h		
LZ_{peak}	89.6 dB	2025-11-18 11:55:26	
LAS_{max}	69.6 dB	2025-11-18 12:07:45	
LAS_{min}	37.8 dB	2025-11-18 12:01:53	
LA_{eq}	56.2 dB		
LC_{eq}	62.2 dB	LC_{eq} - LA_{eq}	6.0 dB
LAI_{eq}	58.2 dB	LAI_{eq} - LA_{eq}	2.0 dB

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpk > 135.0 dB	0	0:00:00.0
LZpk > 137.0 dB	0	0:00:00.0
LZpk > 140.0 dB	0	0:00:00.0

Community Noise

L_{DN}	L_{Day}	
--- dB	--- dB	0.0 dB

L_{DEN}	L_{Day}	L_{Eve}	L_{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

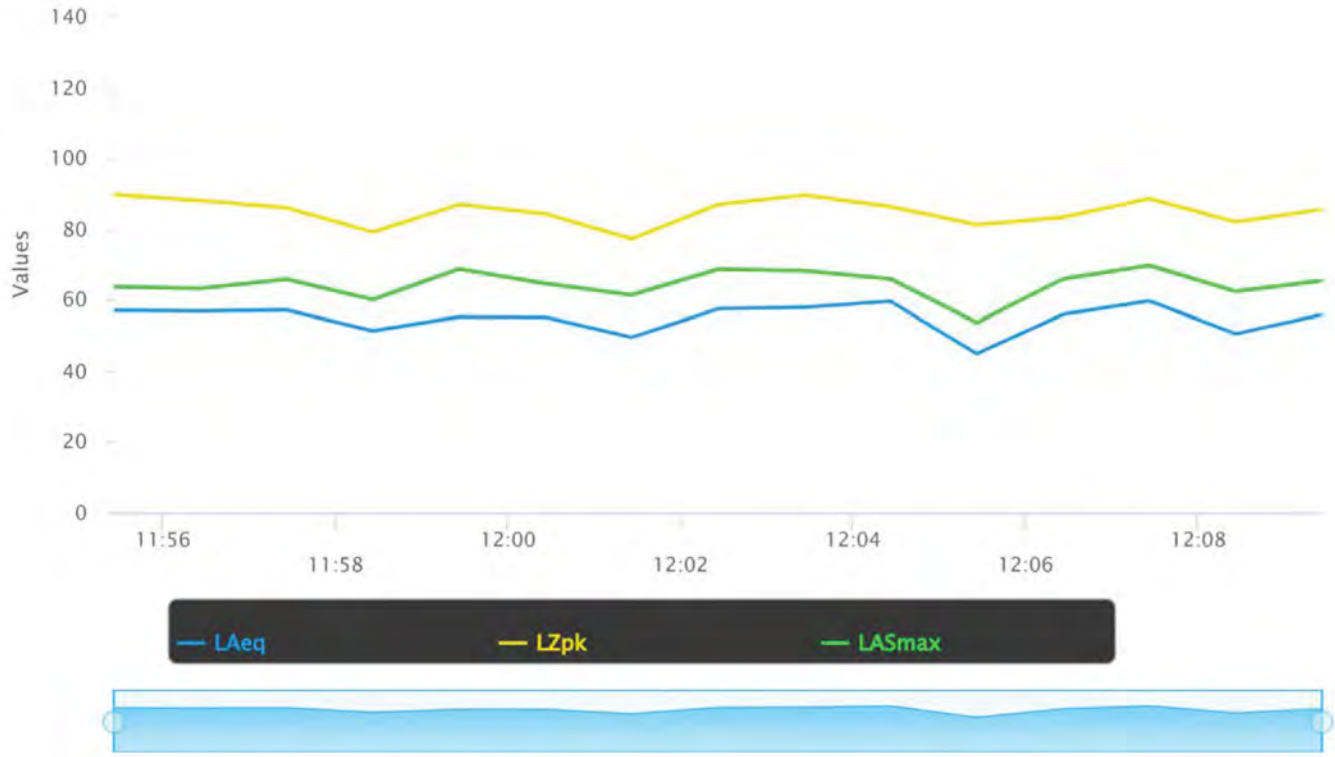
	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	56.2 dB		62.2 dB		--- dB	
$L_{S(max)}$	69.6 dB	2025-11-18 12:07:45	--- dB	None	--- dB	None
$L_{S(min)}$	37.8 dB	2025-11-18 12:01:53	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	89.6 dB	2025-11-18 11:55:26

Overloads	Count	Duration
	0	0:00:00.0

Statistics

LAS 2.0	65.1 dB
LAS 8.0	61.7 dB
LAS 25.0	56.0 dB
LAS 50.0	47.6 dB
LAS 90.0	39.9 dB
LAS 99.0	38.3 dB

Time History



Project Name: PRSD-09.0

Date: 11-18-25

Project Number:

Monitoring Personnel: J.R

Monitoring Site #: ST-2

Time Start: 10:54am End: 11:09am

Site Location/Address:

Primary Noise Source: vehicle traffic, leaf blower, birds, residential noise, Dog

Measurement Results	
Percentiles	dBA
Leq	56.2
Lmax	69.6
Lmin	
L2	
L8	
L25	
L50	
Other	
SEL/CNEL	

Observed Noise Sources/Events		
Time	Noise Source Event	dBA

Data File: 059 ☐ Photos:

Comments (sound walls, height, etc..)

Max Wind Velocity (knots/hr)	Average Wind Velocity (knots/hr)	Temperature (F)	Relative Humidity (%)
25 mph S	5 mph S	50°F	83%

Traffic counts in both directions:

Roadway	# Lanes	Posted Speed	Autos	MD	HD
Elliot Road	2	30mph	13	36	0

Measurement Report

Report Summary

Meter's File Name	S_T_Data.055.s	Computer's File Name	LxT_0005425-20251118 102427-S_T_Data.055.ldbin
Meter	LxT1 0005425	Firmware	2.404
User	J.R	Location	ST-3
Job Description	PRSD-09.0		
Note			

Start Time	2025-11-18 10:24:27	Duration	0:15:00.0		
End Time	2025-11-18 10:39:27	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-10-24 10:28:29	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	66.1 dB		
LAE	95.6 dB	SEA	--- dB
EA	407.4 µPa²h		
EA8	13.0 mPa²h		
EA40	65.2 mPa²h		
LZ_{peak}	99.5 dB	2025-11-18 10:31:10	
LAS_{max}	78.4 dB	2025-11-18 10:31:12	
LAS_{min}	41.0 dB	2025-11-18 10:26:04	
LA_{eq}	66.1 dB		
LC_{eq}	71.7 dB	LC_{eq} - LA_{eq}	5.6 dB
LAI_{eq}	68.4 dB	LAI_{eq} - LA_{eq}	2.3 dB

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpk > 135.0 dB	0	0:00:00.0
LZpk > 137.0 dB	0	0:00:00.0
LZpk > 140.0 dB	0	0:00:00.0

Community Noise

L_{DN}	L_{Day}	L_{Night}
--- dB	--- dB	0.0 dB

L_{DEN}	L_{Day}	L_{Eve}	L_{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

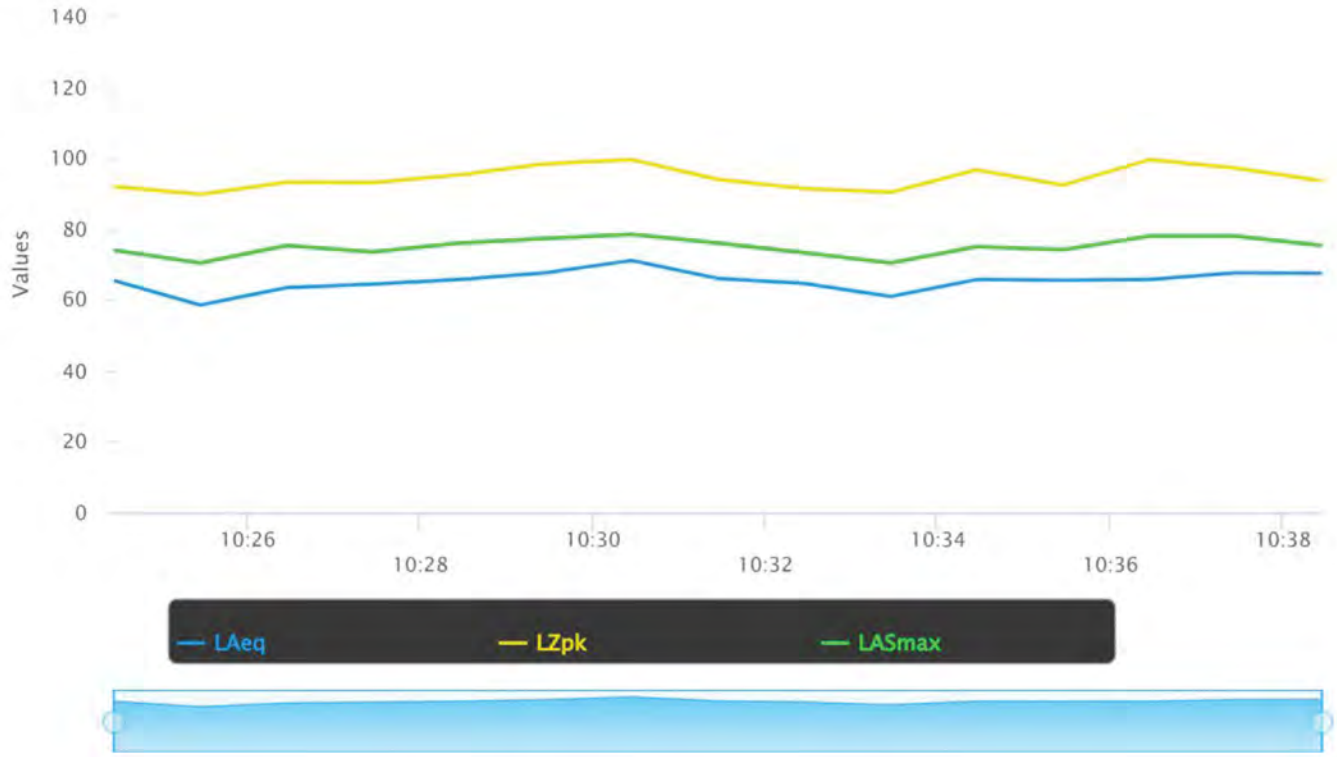
	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	66.1 dB		71.7 dB		--- dB	
$L_{S(max)}$	78.4 dB	2025-11-18 10:31:12	--- dB	None	--- dB	None
$L_{S(min)}$	41.0 dB	2025-11-18 10:26:04	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	99.5 dB	2025-11-18 10:31:10

Overloads	Count	Duration
	0	0:00:00.0

Statistics

LAS 2.0	74.9 dB
LAS 8.0	71.8 dB
LAS 25.0	65.8 dB
LAS 50.0	58.0 dB
LAS 90.0	47.0 dB
LAS 99.0	41.8 dB

Time History



Project Name: PRSD-09.0

Date: 11-18-25

Project Number:

Monitoring Personnel: J.R

Monitoring Site #: S1-3

Time Start: 9:23am End: 9:38am

Site Location/Address:

Primary Noise Source: vehicle traffic

Measurement Results	
Percentiles	dBA
Leq	66.1
Lmax	78.4
Lmin	
L2	
L8	
L25	
L50	
Other	
SEL/CNEL	

Observed Noise Sources/Events		
Time	Noise Source Event	dBA

Data File: 055 ☑ Photos: 4

Comments (sound walls, height, etc..)

Max Wind Velocity (knots/hr)	Average Wind Velocity (knots/hr)	Temperature (F)	Relative Humidity (%)
7mph ~~[illegible]~~ SSE	4 mph SSE	48°F	34%

Traffic counts in both directions:

Roadway	# Lanes	Posted Speed	Autos	MD	HD
Elliot Road	2	30mph	33	42	2

Measurement Report

Report Summary

Meter's File Name	S_T_Data.056.s	Computer's File Name	LxT_0005425-20251118 104628-S_T_Data.056.ldbin
Meter	LxT1 0005425	Firmware	2.404
User	J.R.	Location	ST-4
Job Description	PRSD-09.0		
Note			

Start Time	2025-11-18 10:46:28	Duration	0:15:00.0		
End Time	2025-11-18 11:01:28	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-10-24 10:28:29	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	54.9 dB		
LAE	84.4 dB	SEA	--- dB
EA	30.9 µPa²h		
EA8	988.9 µPa²h		
EA40	4.9 mPa²h		
LZ_{peak}	95.9 dB	2025-11-18 10:58:36	
LAS_{max}	72.6 dB	2025-11-18 10:58:39	
LAS_{min}	38.2 dB	2025-11-18 10:59:21	
LA_{eq}	54.9 dB		
LC_{eq}	68.3 dB	LC_{eq} - LA_{eq}	13.4 dB
LAI_{eq}	56.7 dB	LAI_{eq} - LA_{eq}	1.8 dB

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZpk > 135.0 dB	0	0:00:00.0
LZpk > 137.0 dB	0	0:00:00.0
LZpk > 140.0 dB	0	0:00:00.0

Community Noise

L_{DN}	L_{Day}
--- dB	--- dB

L_{DEN}	L_{Day}	L_{Eve}	L_{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

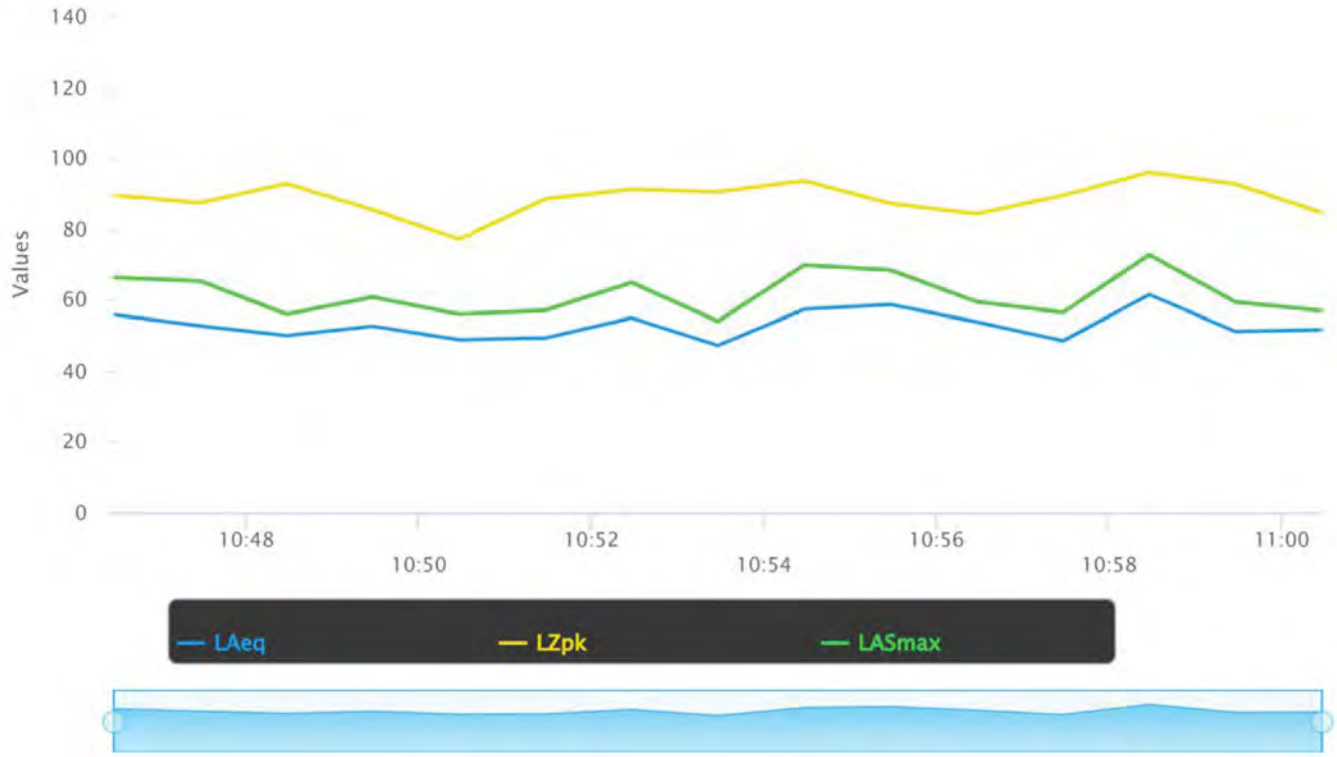
	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	54.9 dB		68.3 dB		--- dB	
$LS_{(max)}$	72.6 dB	2025-11-18 10:58:39	--- dB	None	--- dB	None
$LS_{(min)}$	38.2 dB	2025-11-18 10:59:21	--- dB	None	--- dB	None
$L_{Peak(max)}$	--- dB	None	--- dB	None	95.9 dB	2025-11-18 10:58:36

Overloads	Count	Duration
	0	0:00:00.0

Statistics

LAS 2.0	64.9 dB
LAS 8.0	57.1 dB
LAS 25.0	52.4 dB
LAS 50.0	48.9 dB
LAS 90.0	42.6 dB
LAS 99.0	39.9 dB

Time History



Project Name: _____ Date: 10-18-25

Project Number: _____ Monitoring Personnel: J.R

Monitoring Site #: ST-4 Time Start: 9:45am End: 10:00am

Site Location/Address: _____

Primary Noise Source: vehicle traffic, animals (birds) nearby

Measurement Results	
Percentiles	dBA
Leq	54.9
Lmax	72.6
Lmin	
L2	
L8	
L25	
L50	
Other	
SEL/CNEL	

Observed Noise Sources/Events		
Time	Noise Source Event	dBA

Data File: 056 ☒ Photos: 4

Comments (sound walls, height, etc..) _____

Max Wind Velocity (knots/hr)	Average Wind Velocity (knots/hr)	Temperature (F)	Relative Humidity (%)
8mph SSE	5mph SSE	49°F	83%

Traffic counts in both directions:

Roadway	# Lanes	Posted Speed	Autos	MD	HD
Elliot Road	2	30mph	29	44	2

Maxwell Drive 2 25mph

November 18 Weather in Paradise California, United States

On November 18, the temperature in Paradise typically ranges from 42°F to 56°F and is rarely below 34°F or above 65°F.

For reference, on July 19, the hottest day of the year, temperatures in Paradise typically range from 63°F to 91°F, while on December 31, the coldest day of the year, they range from 35°F to 49°F.

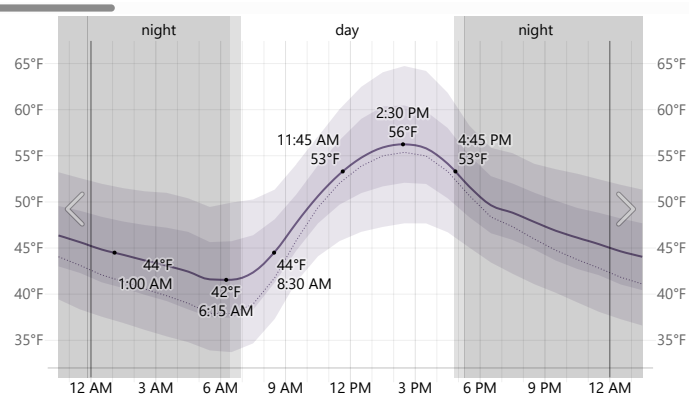
The coolest time of the day is from 1:00 AM to 8:30 AM, with the coldest at 6:15 AM, at which time the temperature is below 46°F three days out of four, and below 50°F nine days out of ten.

The warmest time of the day is from 11:45 AM to 4:45 PM, with the hottest at 2:30 PM, at which time the temperature is above 52°F three days out of four, and above 48°F nine days out of ten.

The day has gained half its heat by 10:00 AM and lost it again by 7:30 PM.

Average Temperature on November 18 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-Temperature) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
age-Weather-on-June-18-in-Paradise-California-United-States#Figures-Temperature) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-Temperature) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-States#F
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St

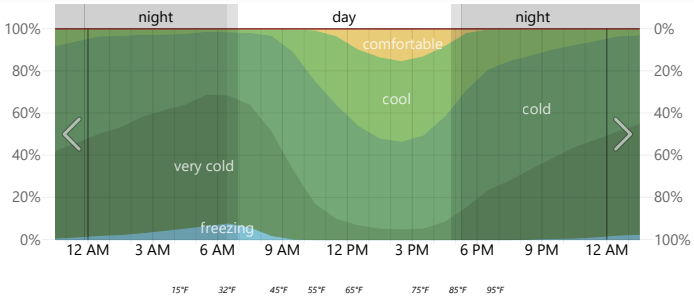


The hourly average temperature (purple line), with 25th to 75th and 10th to 90th percentile bands. The thin dotted line is the hourly average perceived temperature. Civil twilight and night are indicated by shaded overlays.

The figure below shows you a compact characterization of the range of temperatures experienced on November 18 throughout the historical record. The horizontal axis is the time of day and the colored stacked areas indicate the percentage of hours spent in various temperature bands.

Temperature Bands on November 18 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-ColorTemperature) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
Weather-on-June-18-in-Paradise-California-United-States#Figures-ColorTemperature) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-ColorTemperature) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-Sta
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St



The percentage of time spent in various temperature bands. Civil twilight and night are indicated by shaded overlays.

Cáceres, Spain (/d/33408/11/18/Average-Weather-on-November-18-in-C%C3%A1ceres-Spain) (5,614 miles away) is the far-away foreign place with temperatures most similar to Paradise (view comparison (/compare/d/11/18/1192~33408/Comparison-of-the-Average-Weather-in-Paradise-and-C%C3%A1ceres-on-November-18)).

Compared to November 18 (excluding 30 days before and after), February 25 (/d/1192/2/25/Average-Weather-on-February-25-in-Paradise-California-United-States#Sections-Temperature) has the most similar daily average high and low temperatures.

Compare Paradise to another city:

Find City or A Compare Map (/map?pageType=6&yearNumber=2025&monthNumber=11&dayNumber=18&ids=1192)

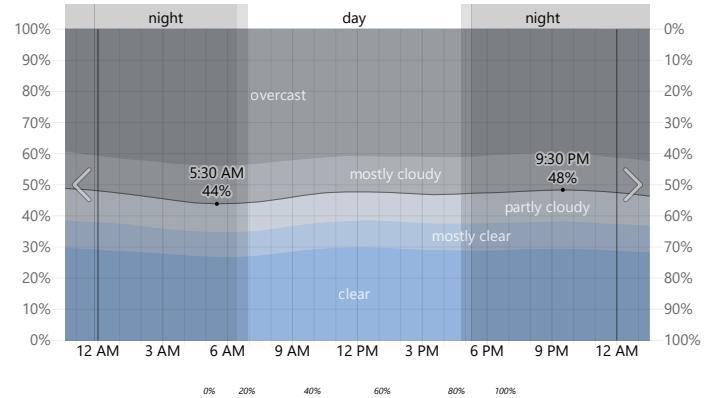
Clouds

In Paradise on November 18, the average percentage of the sky covered by clouds does not show significant systematic variation over the course of the day, with the percentage of time that the sky is overcast or mostly cloudy remaining about 54% throughout the day.

For reference, on February 26, the cloudiest day of the year, the chance of overcast or mostly cloudy conditions is 60%, while on July 29, the clearest day of the year, the chance of clear, mostly clear, or partly cloudy skies is 90%.

Cloud Cover Categories on November 18 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-CloudCover) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
rage-Weather-on-June-18-in-Paradise-California-United-States#Figures-CloudCover) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-CloudCover) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-States#Fi
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St



The percentage of time spent in each cloud cover band, categorized by the percentage of the sky covered by clouds. Civil twilight and night are indicated by shaded overlays.

Precipitation

On average, there is a 27% chance that more than 0.04 inches of total precipitation will fall in Paradise throughout the day on November 18, of which 99% is expected to be rain alone, 0% to be snow alone, and 1% to be a mixture of snow and rain.

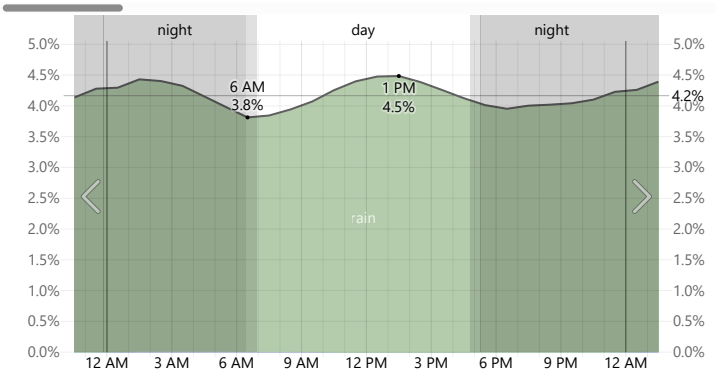
For reference, the year's highest daily chance of precipitation is 37% on March 2, and its lowest chance is 0% on August 4.

For those 27% of years with precipitation on November 18, the chart below shows when throughout the day that precipitation is more or less likely to occur, excluding hourly accumulations of less than 0.01 inches. If precipitation were equally likely throughout the day, all hours would report 4.2% (100% divided by 24 hours).

Precipitation is most likely between 1 PM and 2 PM, and least likely between 6 AM and 7 AM.

Hourly Share of Precipitation on November 18 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-PrecipitationProbability) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
er-on-June-18-in-Paradise-California-United-States#Figures-PrecipitationProbability) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-PrecipitationProbability) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-Unite
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St



The share of the day's precipitation attributable to each hour of the day, excluding trace quantities, and color-coded as rain alone, snow alone, and mixed (both rain and snow fell during the same hour). Civil twilight and night are indicated by shaded overlays.

Sun

In Paradise on Tuesday, November 18, 2025, the Sun rises at 6:55 AM and sets 9 hours, 53 minutes later, at 4:48 PM. Solar noon is at 11:51 AM.

For reference, on June 21, the longest day of the year, the Sun rises at 5:38 AM and sets 14 hours, 59 minutes later, at 8:38 PM, while on December 21, the shortest day of the year, it rises at 7:24 AM and sets 9 hours, 21 minutes later, at 4:45 PM.

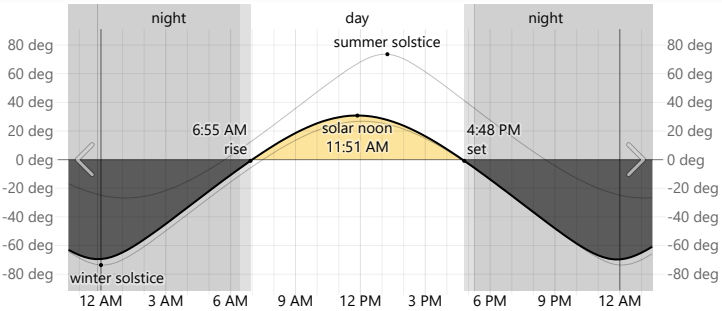
Civil twilight, the period before the Sun has risen or after the Sun has set during which time it is possible to engage in most outdoor activities without artificial lighting, begins and ends 29 minutes before sunrise and after sunset, at 6:25 AM and 5:17 PM respectively.

Nautical twilight, during which time it is possible to clearly discern the horizon (e.g., for navigational purposes), begins and ends 1 hour, 2 minutes before sunrise and after sunset, at 5:53 AM and 5:50 PM respectively.

Astronomical twilight, outside of which it is possible to make the most sensitive of astronomical observations, begins and ends 1 hour, 34 minutes before sunrise and after sunset, at 5:20 AM and 6:22 PM respectively.

Solar Elevation on November 18, 2025 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-SolarDay) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
verage-Weather-on-June-18-in-Paradise-California-United-States#Figures-SolarDay) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-SolarDay) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-States#Figu
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St



Elevation of the center of the Sun above (positive) or below (negative) the horizon (black line). Yellow and gray fills indicate day and night, respectively. Light gray lines are the corresponding curves for the winter and summer solstices. Civil twilight and night are indicated by shaded overlays.

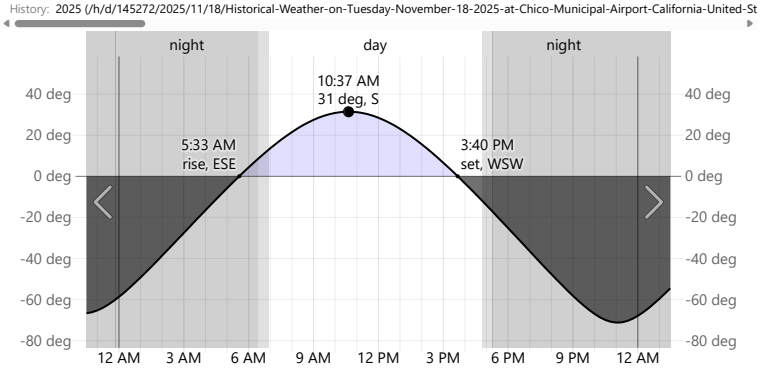
Moon

In Paradise on Tuesday, November 18, 2025, the Moon rises at 5:33 AM and sets at 3:40 PM. The phase of the moon is waning crescent, with 2% of the disk illuminated.

Nov 5, 2025 (/d/1192/11/5/Average-Weather-on-November-5-in-Paradise-California-United-States#Sections-Moon)	Nov 11, 2025 (/d/1192/11/11/Average-Weather-on-November-11-in-Paradise-California-United-States#Sections-Moon)	**◀ (/d/1192/11/17/Average-Weather-on-November-17-in-Paradise-California-United-States#Sections-Moon) Nov 18, 2025 ▶ (/td/1192/Average-Weather-in-Paradise-California-United-States-Today#Sections-Moon)**	Nov 19, 2025 (/td/1192/Average-Weather-in-Paradise-California-United-States-Today#Sections-Moon)	Nov 27, 2025 (/d/1192/11/27/Average-Weather-on-November-27-in-Paradise-California-United-States#Sections-Moon)
5:20 AM	9:29 PM	**10:37 AM**	10:48 PM	11:00 PM
Full Moon 100%	Third Quarter 50% ↘	Waning Crescent 2% ↘	New Moon 0%	First Quarter 50% ↗

Lunar Elevation on November 18, 2025 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-LunarDay) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
verage-Weather-on-June-18-in-Paradise-California-United-States#Figures-LunarDay) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-LunarDay) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-States#Figu
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St



Elevation of the center of the Moon above (positive) or below (negative) the horizon (black line). Civil twilight and night are indicated by shaded overlays.

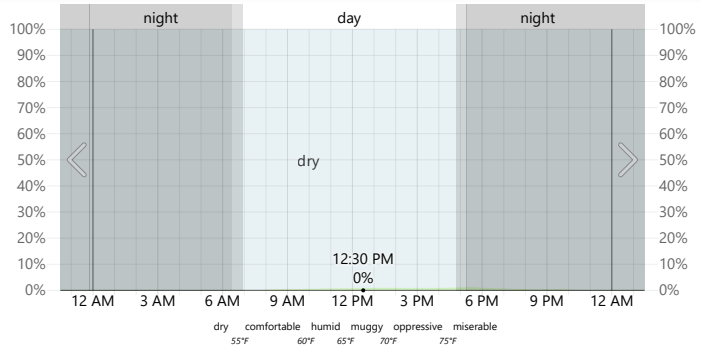
Humidity

We base the humidity comfort level on the dew point, as it determines whether perspiration will evaporate from the skin, thereby cooling the body. Lower dew points feel drier and higher dew points feel more humid. Unlike temperature, which typically varies significantly between night and day, dew point tends to change more slowly, so while the temperature may drop at night, a muggy day is typically followed by a muggy night.

Muggy conditions are essentially unheard-of in Paradise on November 18.

Humidity Comfort Levels on November 18 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-Humidity) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
verage-Weather-on-June-18-in-Paradise-California-United-States#Figures-Humidity) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-Humidity) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-States#Figu
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St



The percentage of time spent at various humidity comfort levels, categorized by dew point. Civil twilight and night are indicated by shaded overlays.

Wind

This section discusses the wide-area hourly average wind vector (speed and direction) at 10 meters above the ground. The wind experienced at any given location is highly dependent on local topography and other factors, and instantaneous wind speed and direction vary more widely than hourly averages.

The average hourly wind speed in Paradise on November 18 varies throughout the day, with a daily average of 6.6 miles per hour.

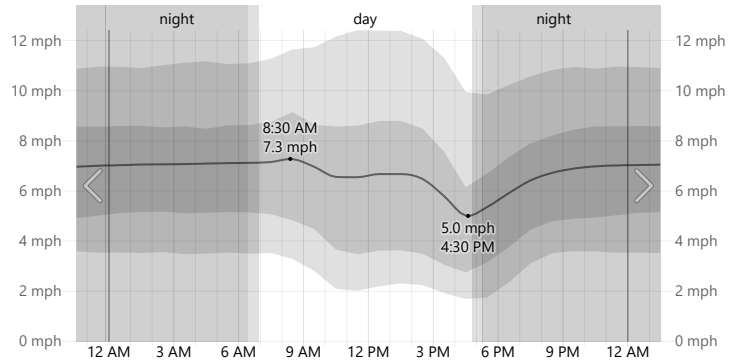
The windiest time of day is around 8:30 AM, with an average hourly wind speed of 7.3 miles per hour, mostly staying between 4.9 miles per hour and 9.1 miles per hour, and rarely falling below 3.3 miles per hour or exceeding 11.6 miles per hour.

The calmest time of day is around 4:30 PM, with an average hourly wind speed of 5.0 miles per hour, mostly staying between 2.8 miles per hour and 6.2 miles per hour, and rarely falling below 1.7 miles per hour or exceeding 9.9 miles per hour.

For reference, on December 18, the windiest day of the year, the daily average wind speed is 7.4 miles per hour, while on June 4, the calmest day of the year, the daily average wind speed is 5.8 miles per hour.

Wind Speed on November 18 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-WindSpeed) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
rage-Weather-on-June-18-in-Paradise-California-United-States#Figures-WindSpeed) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-WindSpeed) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-States#Fi
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St

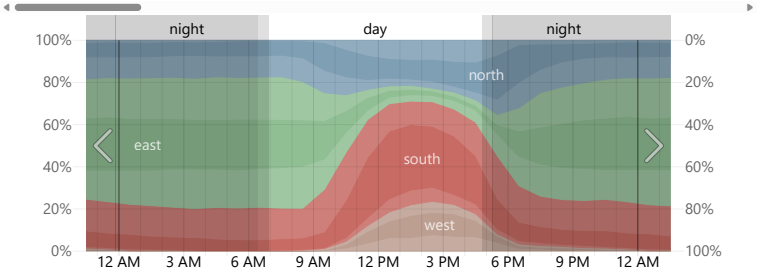


The average of mean hourly wind speeds (dark gray line), with 25th to 75th and 10th to 90th percentile bands. Civil twilight and night are indicated by shaded overlays.

Over the entire course of November 18 in Paradise, the hourly average wind direction, in order of prevalence, is from the east (42%), south (30%), north (22%), and west (6%).

Wind Direction on November 18 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-WindDirection) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
e-Weather-on-June-18-in-Paradise-California-United-States#Figures-WindDirection) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-WindDirection) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-States
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St



The percentage of hours in which the mean wind direction is from each of the four cardinal wind directions, excluding hours in which the mean wind speed is less than 1.0 mph. The lightly tinted areas at the boundaries are the percentage of hours spent in the implied intermediate directions (northeast, southeast, southwest, and northwest). Civil twilight and night are indicated by shaded overlays.

Shortwave Solar Power

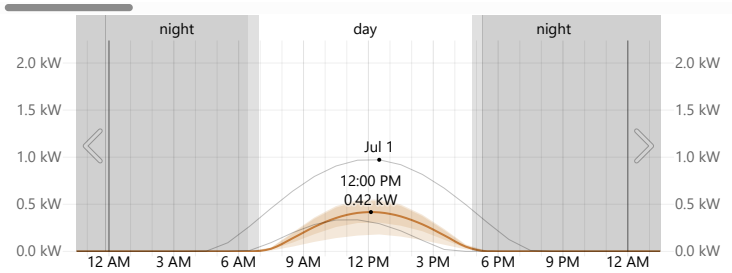
This section discusses the incident shortwave solar power reaching the surface of the ground over a wide area, taking full account of seasonal variations in the length of the day, the elevation of the Sun above the horizon, and absorption by clouds and other atmospheric constituents. Shortwave radiation includes visible light and ultraviolet radiation.

The peak incident shortwave solar power per square meter is 0.42 kilowatts at around 12:00 PM.

In contrast, the corresponding value on July 1, the brightest day of the year, is 0.97 kilowatts at around 12:15 PM. The corresponding value on December 20, the darkest day of the year, is 0.33 kilowatts at around 11:15 AM.

Shortwave Solar Power on November 18 in Paradise

Nov (/m/1192/11/Average-Weather-in-November-in-Paradise-California-United-States#Figures-SolarEnergy) Link
Download Compare (/compare/d/11/18/1192/Comparison-of-the-Average-Weather-in-Paradise-on-November-18)
age-Weather-on-June-18-in-Paradise-California-United-States#Figures-SolarEnergy) J (/d/1192/7/18/Average-Weather-on-July-18-in-Paradise-California-United-States#Figures-SolarEnergy) A (/d/1192/8/18/Average-Weather-on-August-18-in-Paradise-California-United-States#Fi
History: 2025 (/h/d/145272/2025/11/18/Historical-Weather-on-Tuesday-November-18-2025-at-Chico-Municipal-Airport-California-United-St



Average incident shortwave solar power reaching the ground per square meter (orange line), with 25th to 75th and 10th to 90th percentile bands. Light gray lines are the corresponding curves for the days with the minimum and maximum average total solar energy reaching the ground. Civil twilight and night are indicated by shaded overlays.

Topography

For the purposes of this report, the geographical coordinates of Paradise are 39.760 deg latitude, -121.622 deg longitude, and 1,778 ft elevation.

The topography within 2 miles of Paradise contains very significant variations in elevation, with a maximum elevation change of 1,516 feet and an average elevation above sea level of 1,600 feet. Within 10 miles contains very significant variations in elevation (4,091 feet). Within 50 miles also contains extreme variations in elevation (9,127 feet).

The area within 2 miles of Paradise is covered by shrubs (68%) and trees (32%), within 10 miles by trees (41%) and grassland (29%), and within 50 miles by trees (38%) and grassland (25%).

Data Sources

This report illustrates the typical weather in Paradise, based on a statistical analysis of historical hourly weather reports and model reconstructions from January 1, 1980 to December 31, 2016.

Temperature and Dew Point

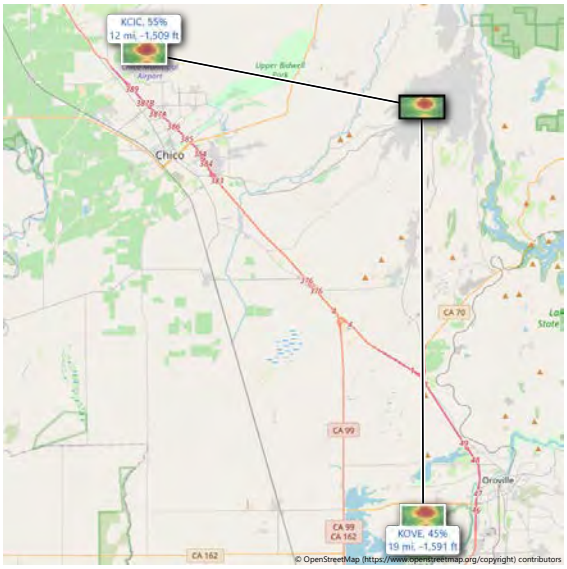
There are 2 weather stations near enough to contribute to our estimation of the temperature and dew point in Paradise.

For each station, the records are corrected for the elevation difference between that station and Paradise according to the International Standard Atmosphere (https://en.wikipedia.org/wiki/International_Standard_Atmosphere), and by the relative change present in the MERRA-2 satellite-era reanalysis (https://gmao.gsfc.nasa.gov/reanalysis/MERRA-2/) between the two locations.

The estimated value at Paradise is computed as the weighted average of the individual contributions from each station, with weights proportional to the inverse of the distance between Paradise and a given station.

The stations contributing to this reconstruction are:

- Chico Municipal Airport (/y/145272/Average-Weather-at-Chico-Municipal-Airport-California-United-States-Year-Round) (KCIC, 55%, 12 mi, west, -1,509 ft elevation change)
- Oroville Municipal Airport (/y/145273/Average-Weather-at-Oroville-Municipal-Airport-California-United-States-Year-Round) (KOVE, 45%, 19 mi, south, -1,591 ft elevation change)



To get a sense of how much these sources agree with each other, you can view a comparison (/compare/d/11/18/1192~145272~145273/Comparison-of-the-Average-Weather-in-Paradise-Chico-Municipal-Airport-and-Oroville-Municipal-Airport-on-November-18) of Paradise and the stations that contribute to our estimates of its temperature history and climate. Please note that each source's contribution is adjusted for elevation and the relative change present in the MERRA-2 data.

Other Data

All data relating to the Sun's position (e.g., sunrise and sunset) are computed using astronomical formulas from the book, Astronomical Algorithms 2nd Edition (https://www.amazon.com/Astronomical-Algorithms-Jean-Meeus/dp/0943396611), by Jean Meeus.

All other weather data, including cloud cover, precipitation, wind speed and direction, and solar flux, come from NASA's MERRA-2 Modern-Era Retrospective Analysis (https://gmao.gsfc.nasa.gov/reanalysis/MERRA-2/). This reanalysis combines a variety of wide-area measurements in a state-of-the-art global meteorological model to reconstruct the hourly history of weather throughout the world on a 50-kilometer grid.

Land Use data comes from the Global Land Cover SHARE database (http://www.fao.org/land-water/land/land-governance/land-resources-planning-toolbox/category/details/en/c/1036355/), published by the Food and Agriculture Organization of the United Nations.

Elevation data comes from the Shuttle Radar Topography Mission (SRTM) (http://www2.jpl.nasa.gov/srtm/), published by NASA's Jet Propulsion Laboratory.

Names, locations, and time zones of places and some airports come from the GeoNames Geographical Database (http://www.geonames.org/).

Time zones for airports and weather stations are provided by AskGeo.com (https://askgeo.com/).

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We draw particular cautious attention to our reliance on the MERRA-2 model-based reconstructions for a number of important data series. While having the tremendous advantages of temporal and spatial completeness, these reconstructions: (1) are based on computer models that may have model-based errors, (2) are coarsely sampled on a 50 km grid and are therefore unable to reconstruct the local variations of many microclimates, and (3) have particular difficulty with the weather in some coastal areas, especially small islands.

We further caution that our travel scores are only as good as the data that underpin them, that weather conditions at any given location and time are unpredictable and variable, and that the definition of the scores reflects a particular set of preferences that may not agree with those of any particular reader.

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Construction Modeling Results

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 02/27/2026
Case Description: PRSD-09 Demolition

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	50.0	0.0
Excavator	No	40		80.7	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 Saw	89.6	82.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	80.7	76.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	89.6	84.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 02/27/2026
Case Description: PRSD-09 Site Preparation

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Front End Loader	No	40		79.1	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
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	80.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 02/27/2026
Case Description: PRSD-09 Grading

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

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
Excavator	No	40		80.7	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
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
Excavator	80.7	76.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	83.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 02/27/2026
Case Description: PRSD-09 Building Construction

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

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

	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
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: 03/04/2026
Case Description: PRSD-09 Stadium Construction

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

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

	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
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: 02/27/2026
Case Description: PRSD-09 Architectural Coating

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

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
Compressor (air)	No	40		77.7	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
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
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
Total	77.7	76.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 02/27/2026
Case Description: PRSD-09 Paving/Parking Lot Construction

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50		77.2	50.0	0.0
Drum Mixer	No	50		80.0	50.0	0.0
Roller	No	20		80.0	50.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver	77.2	74.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Drum Mixer	80.0	77.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80.0	73.0	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	80.0	79.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

PRSD-09.0 Phase 1 Ag Building- 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*	*295*	*140*	*255*	*95*
Asphalt Demolition	85	70	76	71	79
Site Prep	81	66	72	67	75
Grading	84	69	75	70	78
Distance in feet	*50*	*280*	*125*	*235*	*70*
Building Construction	79	64	71	66	76
Architectural Coating	77	62	69	64	74
Distance in feet	*50*	*275*	*125*	*220*	*55*
Paving	80	65	72	67	79

Attenuation calculated through Inverse Square Law: Lp(R2) = Lp(R1) - 20Log(R2/R1)

PRSD-09.0 Phase 1 Ag Building- Vibration Damage Attenuation Calculations

Levels, PPV (in/sec)

Distance in feet	**Vibration Reference Level at *25 feet***	**Receptor to North** *325*	**Receptor to East** *200*	**Receptor to South** *345*	**Receptor to West** *55*
Vibratory Roller	0.21	0.004	0.009	0.004	0.064
Large Bulldozer	0.089	0.002	0.004	0.002	0.027
Caisson Drilling	0.089	0.002	0.004	0.002	0.027
Loaded Trucks	0.076	0.002	0.003	0.001	0.023
Jackhammer	0.035	0.001	0.002	0.001	0.011
Small Bulldozer	0.003	0.000	0.000	0.000	0.001

PRSD-09.0 Phase 2 Field & Parking- 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*	*185*	*295*	*210*	*145*
Demolition	85	74	70	73	76
Site Prep	81	70	66	69	72
Grading	84	73	69	72	75
Distance in feet	*50*	*75*	*325*	*120*	*545*
Stadium Construction	79	75	63	71	58
Distance in feet	*50*	*125*	*750*	*170*	*100*
Parking Lot Construction	80	72	56	69	74
Distance in feet	*50*	*200*	*650*	*135*	*440*
Architectural Coating	77	65	55	68	58

Attenuation calculated through Inverse Square Law: Lp(R2) = Lp(R1) - 20Log(R2/R1)

PRSD-09.0 Phase 2 Field & Parking- Vibration Damage Attenuation Calculations

Levels, PPV (in/sec)

Distance in feet	**Vibration Reference Level at *25 feet***	**Receptor to North** *50*	**Receptor to East** *225*	**Receptor to South** *265*	**Receptor to West** *45*
Vibratory Roller	0.21	0.074	0.008	0.006	0.087
Large Bulldozer	0.089	0.031	0.003	0.003	0.037
Caisson Drilling	0.089	0.031	0.003	0.003	0.037
Loaded Trucks	0.076	0.027	0.003	0.002	0.031
Jackhammer	0.035	0.012	0.001	0.001	0.014
Small Bulldozer	0.003	0.001	0.000	0.000	0.001

Traffic Modeling Results

APPENDIX G
TRANSPORTATION IMPACT STUDY

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PARADISE HIGH SCHOOL IMPROVEMENT PROJECT

TRANSPORTATION ANALYSIS MEMO

Prepared for:
Placeworks

Prepared by:
DJ&A

March 25, 2026

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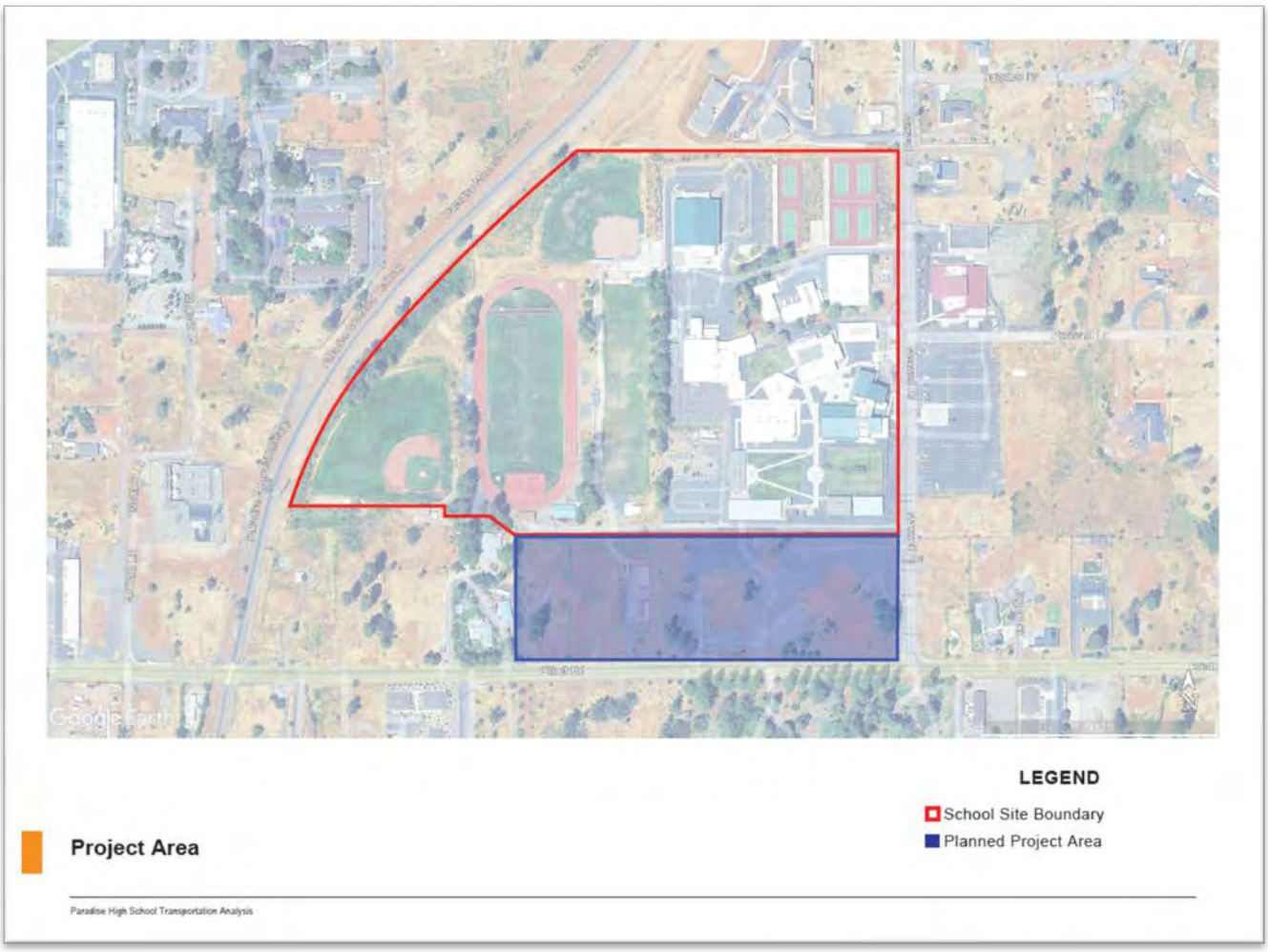
1. Project Description

Paradise High School is located within the Town of Paradise in eastern Butte County, Northern California. Regional access is primarily provided via State Route (SR) 191 (Skyway), which connects the community to Chico and the regional roadway network, as well as Neal Road to the southwest. The project site is bounded by Maxwell Drive to the east, Elliott Road to the south, Paradise High School campus facilities to the north, and residential land uses to the west. See Figure 1-Project Area.

Paradise High School serves approximately 495 students in grades 9 through 12. The current campus includes several classroom buildings, administrative facilities, an auditorium, athletic fields (including a football stadium), and three surface parking lots.

Figure 1- Project Area



Land uses surrounding the project site consist primarily of established residential neighborhoods of single-family homes. In addition to residential uses, the vicinity includes various public and institutional land uses such as educational facilities, community service buildings, and recreational fields. Commercial development in the area is limited and generally located along major transportation corridors.

The project site is situated along the southern edge of the Paradise High School campus and comprises five Assessor Parcel Numbers (APNs), totaling approximately 7.31 acres. The project site previously contained the First Assembly of God Church, its associated parking lot, and multiple residential structures. All these facilities were destroyed in the 2018 Camp Fire. The sites is now vacant; therefore, no building demolition is required as part of the proposed project. However, approximately 69,496 square feet of existing pavement would be removed.

The project is intended to support existing Paradise High School operations and includes three major components:

1. construction of a new parking facility,
2. development of a new agricultural education building, and
3. installation of a new multi-use athletic field and football stadium.

Parking Facility

Two of the five parcels that comprise the project site would be developed with a 1.97-acre (approx. 85,870 sq ft) parking lot adjacent to the proposed stadium and practice fields. The new parking lot would provide approximately 121 parking spaces, including 114 standard and 7 ADA compliant stalls. Operating hours would be 3:00 p.m. to 10:00 p.m. The lot would be perimeter-fenced, with vehicular access provided from Elliott Road. A pedestrian path would connect the lot to both the stadium and the main Paradise High School campus. See Figure 2-Project Site Plan.

Agricultural Building

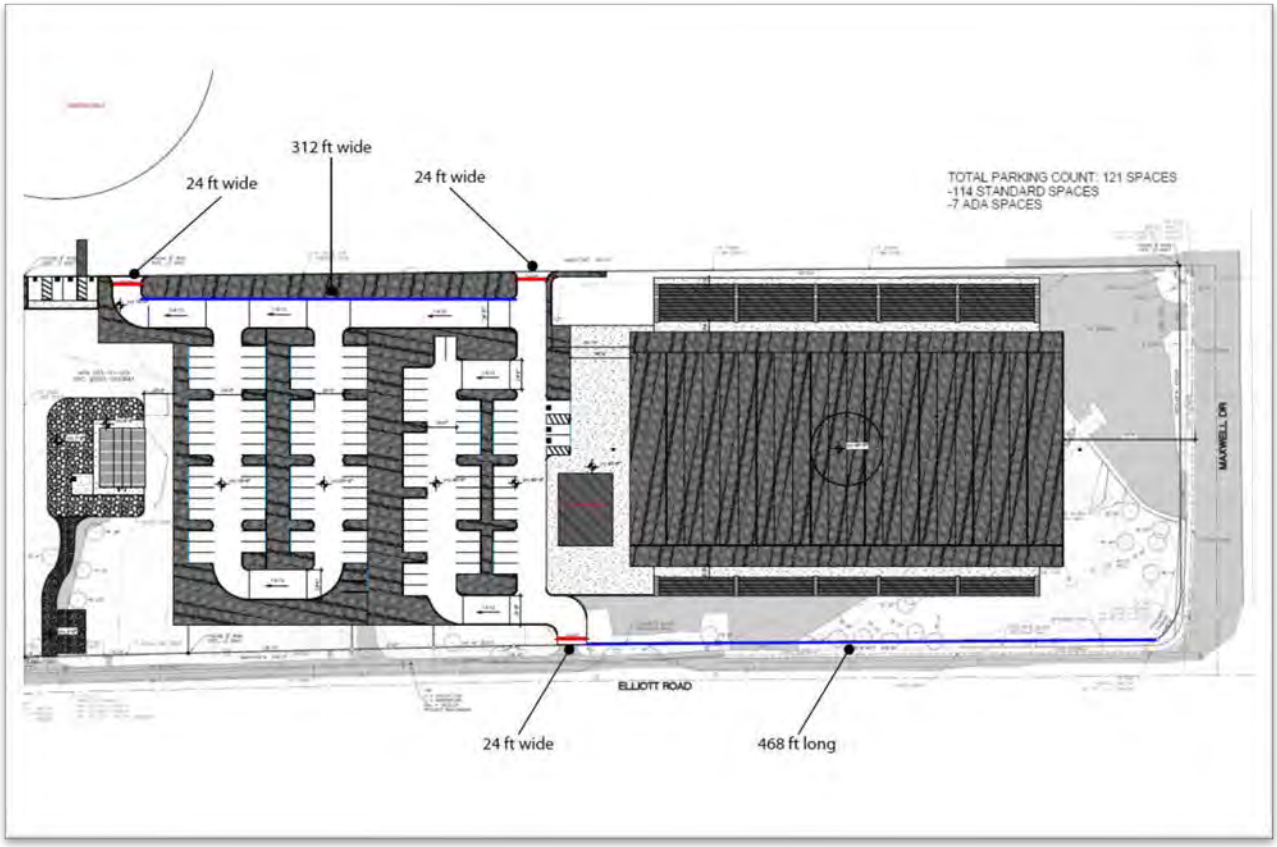
One of the five parcels would be developed with a new 1,728 square feet barn supporting the Paradise High School agricultural education program. Approximately 7,728 square feet of associated landscaping and concrete hardscape would be included. The building would contain eight livestock stalls, and an ADA accessible central walkway connecting the interior to exterior areas. The facility would be used exclusively by existing Paradise High School students, with typical daily occupancy limited to approximately nine students and one staff member during standard school hours (8:30 a.m. to 3:25 p.m.). Access would be provided via a gravel driveway from Elliott Road, leading to a four-space gravel parking area. Perimeter fencing and dual entry gates would be installed.

Multiuse Stadium and Practice Field

Approximately 4 acres, two of the five parcels that comprise this project, would be developed for a new football stadium and multiuse practice field near Maxwell Drive and Elliott Road. The stadium would accommodate athletic events, physical education, graduation ceremonies, and community activities. Existing events conducted at the current football stadium would be relocated to the new facility.

The Paradise Unified School District (PUSD) is the lead agency for environmental review. This traffic analysis addresses site access, internal circulation, and safety considerations associated with the proposed improvements. Because campus enrollment projections remain unchanged, no increase in trip generation is anticipated, and a full traffic impact study is not required.

Figure 2- Proposed Project Plan



Source: Addendum to Draft EIR for the Paradise High School Expansion Project-Paradise Unified School District.

2. Existing and Proposed Site Conditions

This section discusses existing and proposed site conditions related to access and circulation for vehicles, pedestrians, and bicycles.

2.1 Existing Site Circulation and Access

Existing parking areas within the Paradise High School campus currently accommodate campus operations and provide designated student parking as well as staff and visitor parking. An established network of pedestrian pathways provides internal circulation throughout the campus. An existing pick-up/drop-off zone is located in front of the main High School administration building entrance on Maxwell Drive. This pick-up/drop-off zone allows for one-way circulation for student pick-up/drop-off and eliminates the need for U-turn movements. Maxwell Drive has sidewalks along the western side of the road and bicycle lanes on both sides of the public right of way.

The project site and surrounding area are generally level, with a slight slope from east to west. The eastern portion of the property retains the former parking lot hardscape, while the central area contains several storage containers. The western portion of the site has no remaining structures and is fully vacant. Access to the project site will be via Elliot Road. Elliot Road has sidewalks along the entire perimeter of the project site.

2.2 Proposed Site Circulation and Queuing

The proposed Paradise High School Improvement Project would not add an additional pick-up/drop-off zone. No changes to the existing campus circulation or parking areas are proposed as part of this project.

Access to the Project site would be provided via a driveway off Elliot Road. The proposed agricultural building would be accessed via a gravel driveway with a four-stall parking pad adjacent to the building. The proposed parking lot and football stadium/practice fields would be accessed via a 24-ft. wide driveway off Elliot Road. The proposed parking lot configuration provides efficient and safe circulation for vehicles while a pedestrian path would provide access from the parking lot to the football stadium/practice fields.

Figure 2- Project Site Plan- illustrates the proposed site plan for the project. This figure also shows the proposed driveway access points along Elliot Road and connections to the school campus.

2.3 Proposed Parking Area

An approximately 85,870 sq ft. parking lot adjacent to the proposed stadium and practice fields would provide approximately 121 parking spaces, including 114 standard and 7 ADA (American Disabilities Act) stalls. The proposed parking facility would be accessed via a 24-ft. wide driveway off Elliot Road. A pedestrian path would provide access to the football stadium/practice fields and the rest of the Paradise High School campus to the north. This would ensure convenient access while maintaining safe separation between vehicle and pedestrian circulation on the site.

Table 1 Project Parking Supply

Existing Parking Lots	Parking Stalls
Northern end of campus	57
Center of campus	23
South end of campus	40
Current Total	**120**
Proposed Parking Lot	**Parking Stalls**
New Parking Lot	121 *
Projected Total	**241**

**Includes 7 ADA compliant stalls*

3. Analysis Methodology

3.1 Site Access Analysis

The following site access elements are discussed for the With Project condition:

a) Driveway Sight Distance: Intersection sight distance is evaluated for project driveways to public roadways using the latest edition of the Caltrans Highway Design Manual (HDM) or locally developed standards.

b) Driveway Length: Primary project driveways are evaluated for sufficient length to allow vehicles to enter the project area without causing subsequent vehicles to back up into the public street system.

c) Driveway Proximity: Driveways and local street access are evaluated to maintain a reasonable distance from an adjacent intersection and/or driveway.

d) Corner Clearance: Project driveways are evaluated to determine if there is sufficient distance from a signalized intersection so that right-turn egress movements do not interfere with the right-turn queue at the intersection.

e) A review of the adequacy of pedestrian facilities to/from the project site providing convenient and direct access for pedestrians.

f) A review of the bicycle accessibility from bike routes around the project site.

3.2 Vehicle Miles Traveled (VMT) Screening

The proposed project does not change the student enrollment number for the school and would not result in an increase in the number of vehicle trips generated by the project. Therefore, no analysis of vehicle miles traveled (VMT) is required. No significant impacts related to VMT are anticipated as a result of the project.

4. Project Access and Trip Generation

4.1 Proposed Driveway Configurations

The proposed access to the project site is directly off Elliot Road via a driveway to the proposed parking facility and a gravel driveway to the proposed agricultural building. The proposed project access points appear to meet the minimum width requirements as provided by the Town of Paradise public works and engineering design regulations. Final driveway and access design and configuration would have to meet Town of Paradise and/or Butte County engineering specifications at the time of development. See Figure2-Project Site Plan.

4.2 Project Trip Generation

The trip generation for the Paradise High School expansion project is estimated using rates published in the ITE Trip Generation Manual 12th Edition. The trips are based on rates for a High School (ITE Code 550). Table 2 presents the existing trip generation forecast for the High School for the weekday daily condition and AM/PM peak hours. Trip generation forecast is based on the current school enrollment of 495 students. This trip generation forecast informs the analysis of vehicle queuing for the pick-up/drop-off areas. No additional trips are anticipated to be generated by the proposed project.

Table 2 Trip Generation

Land Use and Time Period	Trip Generation Rate	Distribution		Trips		Total
		Inbound	Outbound	Inbound	Outbound	
High School – AM Peak Hour	0.52 trips / student	68%	32%	175	82	257
High School – PM Peak Hour	0.15 trips / student	48%	52%	36	38	74
High School – Daily	1.94 trips / student	50%	50%	480	480	960

5. Site Access Analysis

This section examines site access, circulation, and traffic safety issues related to the proposed driveway and parking lot area for the Paradise High School expansion project. This review is completed at a high level based on the draft site plan provided to the Paradise Unified School District. Specific details and dimensions are unavailable currently, which does preclude a more detailed analysis of the issues below.

5.1 Driveway Sight Distance

Access to the Paradise High School campus parking areas is currently provided via a private driveway off Maxwell Drive. The proposed expansion project would be accessed from Elliot Drive. Sight lines along Elliot Drive appear to be adequate given the alignment of the roadway. All driveway designs should conform to Town of Paradise Design public works and engineering regulations, Butte County Street Improvement Standards, and Caltrans standards for intersection sight distance, as appropriate.

5.2 Pick-up/Drop-off Area

The proposed Paradise High School Expansion Project would not add an additional pick-up/drop-off zone. No changes to the existing campus circulation and parking areas are proposed as part of this project.

The existing student pick-up and drop-off zone allows vehicles to enter from Maxwell Drive and exit back onto the same roadway. The internal drive aisle accommodates school buses, passenger vehicles, and emergency-response vehicles. The proposed project would not increase the anticipated vehicle queue for pick-up/drop-off activities. No impact due to the project is anticipated.

5.3 Driveway Proximity and Corner Clearance

The proposed driveways appear to meet the Town of Paradise design standards for both driveway width and corner clearance. As shown in **Figure 2 – Project Site Plan**, the primary driveway providing access to the proposed parking facility is designed to be 24 feet wide. The driveway is located on Elliot Road, approximately 470 feet east of its intersection with Maxwell Drive. In addition, the gravel driveway serving the proposed Agriculture Building is expected to comply with Town of Paradise Public Works engineering standards and specifications. Driveway design and locations appear to meet all requirements and standards. No impact is anticipated.

5.4 Pedestrian and Bicycle Access

The Paradise High School campus surrounding area is primarily residential, with pedestrian and bicycle access provided via sidewalks and bicycle lanes along the public right-of-way. The project site will be accessed via Elliot Road. Pedestrian facilities are provided via sidewalks adjacent to the project site along Elliot Road. There are no officially designated bicycle lanes on Elliot Road. Within the Paradise High School campus, paved and gravel walkways would connect the new parking lot, classrooms, administrative buildings, multipurpose buildings, and playfields. No impact is anticipated.

5.5 Traffic Safety

Vehicle access to the existing Paradise High School campus parking areas will continue to be via a private drive off Maxwell Drive. Access to the project site will be via a driveway to the parking lot and a gravel drive to the proposed agricultural building. Traffic safety measures and control strategies for this configuration will be evaluated and approved as part of the Environmental Impact Report (EIR). No other changes to traffic control measures or lane configurations in the vicinity of the project are observed to be necessary due to the proposed project.

6. Conclusions

The proposed Paradise High School Improvement Project is an anticipated component of the Paradise Unified School District facilities improvement/Expansion Plan.

The Environmental Impact Report (EIR) for this project will evaluate potential impacts across all CEQA topic areas and will identify mitigation measures as needed.

No significant impacts to site circulation, site access, or traffic safety are identified based on the analysis completed for the proposed project. The review of the draft project design did not identify any concerns related to sight distance, driveway location, proximity, or driveway length.