23 January 2019

Charles Palmer
Calaveras County Water District
P.O. Box 846
San Andreas, CA 95249

CERTIFIED MAIL
91 7199 9991 7039 6992 9381

CLEAN WATER ACT SECTION 401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; CALAVERAS COUNTY WATER DISTRICT, EBBETTS PASS REACH 1 WATER TRANSMISSION PIPELINE REPLACEMENT PROJECT (WDID#5B05CR00082), CALAVERAS COUNTY

This Order responds to the 25 June 2018 application submitted by the Calaveras County Water District (Applicant) for the Water Quality Certification of the Ebbetts Pass Reach 1 Water Transmission Pipeline Replacement Project (Project), temporarily impacting 0.184 acre/1,615 linear feet of waters of the United States.

This Order serves as certification of the United States Army Corps of Engineers' Nationwide Permit #12 (SPK-2018-00556) under Section 401 of the Clean Water Act, and a Waste Discharge Requirement under the Porter-Cologne Water Quality Control Act and State Water Board Order 2003-0017-DWQ.

WATER QUALITY CERTIFICATION STANDARD CONDITIONS:

1. **This Water Quality Certification (Certification) is not valid until coverage under Section 404 of the Clean Water Act is obtained. If the Project, including the area of impact (as described) is modified through this process, this Certification will not be valid until amended by the Central Valley Regional Water Quality Control Board (Central Valley Water Board).**

2. This Order serves as a Water Quality Certification (Certification) action that is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Section 13330 of the California Water Code and Section 3867 of the California Code of Regulations.

3. This Certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to Section 3855(b) of the California Code of

Regulations, and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

4. The validity of any non-denial Certification action shall be conditioned upon total payment of the full fee required under Section 3860(c) of the California Code of Regulations.

5. This Certification is no longer valid if the Project (as described) is modified, or coverage under Section 404 of the Clean Water Act has expired.

6. All reports, notices, or other documents required by this Certification or requested by the Central Valley Water Board shall be signed by a person described below or by a duly authorized representative of that person.

    (a) For a corporation: by a responsible corporate officer such as: 1) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function; 2) any other person who performs similar policy or decision-making functions for the corporation; or 3) the manager of one or more manufacturing, production, or operating facilities if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
    (b) For a partnership or sole proprietorship: by a general partner or the proprietor.
    (c) For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official.

7. Any person signing a document under Standard Condition number 6 shall make the following certification:

    "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

TECHNICAL CERTIFICATION CONDITIONS:
In addition to the above standard conditions, the Applicant shall satisfy the following:

1. The Applicant shall notify the Central Valley Water Board in writing seven (7) days in advance of the start of any work within waters of the United States.

2. Except for activities permitted by the United States Army Corps of Engineers under Section 404 of the Clean Water Act, soil, silt, or other organic materials shall not be placed where such materials could pass into surface water or surface water drainage courses.

3. The Applicant shall maintain a copy of this Certification and supporting documentation (Project Information Sheet) at the Project site during construction for review by site personnel and agencies. All personnel (employees, contractors, and subcontractors) performing work on the proposed Project shall be adequately informed and trained regarding the conditions of this Certification.

4. The Applicant shall perform surface water sampling[1]:
   a) when performing any in-water work;
   b) in the event that Project activities result in any materials reaching surface waters; or
   c) when any activities result in the creation of a visible plume in surface waters.

   The sampling requirements in Table 1 shall be conducted upstream out of the influence of the Project, and 300 feet downstream of the work area. The sampling frequency may be modified for certain projects with written approval from Central Valley Water Board staff.

Table 1:

Parameter	Unit	Type of Sample	Minimum Sampling Frequency	Required Analytical Test Method
Turbidity	NTU	Grab(1)	Every 4 hours during in-water work	(2, 4)
Visible construction related pollutants (3)	Observations	Visual Inspections	Continuous throughout the construction period	—
pH[5]	Standard Units	Grab(1)	Every 4 hours during in-water work	(2, 4)

(1) Grab samples shall not be collected at the same time each day to get a complete representation of variations in the receiving water.
(2) Pollutants shall be analyzed using the analytical methods described in 40 Code of Federal Regulations Part 136; where no methods are specified for a given pollutant, the method shall be approved by Central Valley Water Board staff.
(3) Visible construction-related pollutants include oil, grease, foam, fuel, petroleum products, and construction-related, excavated, organic or earthen materials.
(4) A hand-held field meter may be used, provided the meter utilizes a USEPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring shall be maintained onsite.
(5) Sampling to be conducted if wet concrete comes into contact with surface water.

Surface water sampling shall occur at mid-depth. A surface water monitoring report shall be submitted within two weeks of initiation of in-water construction, and every two weeks thereafter. In reporting the sampling data, the Applicant shall arrange the data in tabular form so that the sampling locations, date, constituents, and concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly whether the

[1] Sampling is not required in wetlands, where the entire wetland is being permanently filled; provided there is no outflow connecting the wetland to surface waters.

Project complies with Certification requirements. The report shall include surface water sampling results, visual observations, and identification of the turbidity or pH increase in the receiving water applicable to the natural turbidity and pH conditions specified in the criteria below.

If no sampling is required, the Applicant shall submit a written statement stating, "No sampling was required" within two weeks of initiation of in-water construction, and every two weeks thereafter.

5. The Central Valley Water Board adopted a *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fifth Edition, revised May 2018 (Basin Plan) that designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for all waters addressed through the plan. Turbidity limits are based on water quality objectives contained in the Basin Plan and are part of this Certification as follows:

   a) Waters shall not contain oils, greases, waxes, or other materials in concentrations that cause nuisance, result in a visible film or coating on the surface of the water or on objects in the water, or otherwise adversely affect beneficial uses.

   b) Activities shall not cause turbidity increases in surface water to exceed:
      i. where natural turbidity is less than 1 Nephelometric Turbidity Units (NTUs), controllable factors shall not cause downstream turbidity to exceed 2 NTUs;
      ii. where natural turbidity is between 1 and 5 NTUs, increases shall not exceed 1 NTU;
      iii. where natural turbidity is between 5 and 50 NTUs, increases shall not exceed 20 percent;
      iv. where natural turbidity is between 50 and 100 NTUs, increases shall not exceed 10 NTUs; and
      v. where natural turbidity is greater than 100 NTUs, increases shall not exceed 10 percent.

      In determining compliance with the above limits, appropriate averaging periods may be applied provided that beneficial uses will be fully protected. Averaging periods may only be used with prior permission of the Central Valley Water Board Executive Officer.

   c) Activities shall not cause pH to be depressed below 6.5 nor raised above 8.5 in surface water.

6. The Applicant shall notify the Central Valley Water Board immediately if the above criteria for turbidity or other water quality objectives are exceeded.

7. In-water work shall occur during periods of low flow (i.e., water level is below the construction area) and no precipitation.

8. Activities shall not cause visible oil, grease, or foam in the receiving water.

9. Refueling of equipment within the floodplain or within 300 feet of the waterway is prohibited. If critical equipment must be refueled within 300 feet of the waterway, spill prevention and countermeasures must be implemented to avoid spills. Refueling areas shall be provided with secondary containment including drip pans and/or placement of absorbent material. No hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, or other construction-related potentially hazardous substances should be stored within a floodplain or within 300 feet of a waterway. The Applicant must perform frequent inspections of construction equipment prior to utilizing it near surface waters to ensure leaks from the equipment are not occurring and are not a threat to water quality.

10. The Applicant shall develop and maintain onsite a project-specific Spill Prevention, Containment and Cleanup Plan outlining the practices to prevent, minimize, and/or clean up potential spills during construction of the Project. The Plan must detail the Project elements, construction equipment types and location, access and staging and construction sequence.

11. The discharge of petroleum products, any construction materials, hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, raw cement, concrete, asphalt, paint, coating material, drilling fluids, or other construction-related potentially hazardous substances to surface water and/or soil is prohibited. In the event of a prohibited discharge, the Applicant shall notify the Central Valley Water Board Contact within 24-hours of the discharge.

12. Concrete must be completely cured before coming into contact with waters of the United States. Surface water that contacts wet concrete must be pumped out and disposed of at an appropriate off-site commercial facility, which is authorized to accept concrete wastes.

13. Silt fencing, straw wattles, or other effective management practices must be used along the construction zone to minimize soil or sediment along the embankments from migrating into the waters of the United States through the entire duration of the Project.

14. The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the Project area.

15. All areas disturbed by Project activities shall be protected from washout and erosion.

16. All temporarily affected areas shall be restored to pre-construction contours and conditions upon completion of construction activities.

17. Hydroseeding shall be performed with California native seed mix.

18. All materials resulting from the Project shall be removed from the site and disposed of properly.

19. This Certification does not allow permanent water diversion of flow from the receiving water. This Certification is invalid if any water is permanently diverted as a part of the project.

20. If water is present, the area must be dewatered prior to the start of work.

21. If temporary surface water diversions and/or dewatering are anticipated, the Applicant shall develop and maintain on-site a Surface Water Diversion and/or Dewatering Plan(s). The Plan(s) must be developed prior to initiation of any water diversions. The Plan(s) shall include the proposed method and duration of diversion activities. The Plan(s) must be consistent with this Certification and must be made available to the Central Valley Water Board staff upon request.

22. When work in a flowing stream is unavoidable and any temporary dam or other artificial obstruction is being constructed, maintained, or placed in operation, sufficient water shall at all times be allowed to pass downstream, to maintain beneficial uses of waters of the state below the dam. Construction, dewatering, and removal of temporary cofferdams shall not violate Technical Certification Condition 5 of this Certification.

23. If any temporary dam or other artificial obstruction is constructed, the temporary dam or other artificial obstruction shall only be built from clean materials such as sandbags, gravel bags, water dams, or clean/washed gravel which will cause little or no siltation. Stream flow shall be temporarily diverted using gravity flow through temporary culverts/pipes or pumped around the work site with the use of hoses.

24. The Applicant shall apply for a name change or amendment to this Certification should any of the following occur: a) a change in the ownership of all or any portion of the Project; b) any change in the Project description; c) any change involving discharge amounts, temporary impacts, or permanent impacts; or d) amendments, modifications, revisions, extensions, or changes to the United States Army Corps of Engineers' Nationwide Permit #12.

25. If the Project will involve land disturbance activities of one or more acres, or where the Project disturbs less than one acre but is part of a larger common plan of development that in total disturbs one or more acres, the Applicant shall obtain coverage under the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities Order No. 2009-0009-DWQ for discharges to surface waters comprised of storm water associated with construction activity.

26. The Conditions in this Certification are based on the information in the attached "Project Information Sheet" and the application package. If the actual project, as described in the attached Project Information Sheet and application package, is modified or changed, this Certification is no longer valid until amended by the Central Valley Water Board.

27. The Applicant shall implement each of the mitigation measures specified in the approved Mitigated Negative Declaration for the Project, as they pertain to biology, hydrology and water quality impacts as required by Section 21081.6 of the Public Resource Code and Section 15097 of the California Code of Regulations.

28. In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under state and federal law. The applicability of any state law authorizing remedies, penalties, process, or sanctions for the violation or threatened violation constitutes a limitation necessary to ensure compliance with this Certification.

    (a) If the Applicant or a duly authorized representative of the Project fails or refuses to furnish technical or monitoring reports, as required under this Certification, or falsifies any information provided in the monitoring reports, the applicant is subject to civil liability, for each day of violation, and/or criminal liability.

    (b) In response to a suspected violation of any condition of this Certification, the Central Valley Water Board may require the Applicant to furnish, under penalty of perjury, any technical or monitoring reports the Central Valley Water Board deems appropriate, provided that the burden, including cost of the reports, shall be in reasonable relationship to the need for the reports and the benefits to be obtained from the reports.

    (c) The Applicant shall allow the staff of the Central Valley Water Board, or an authorized representative(s), upon the presentation of credentials and other documents, as may be required by law, to enter the Project premises for inspection, including taking photographs and securing copies of project-related records, for the purpose of assuring compliance with this Certification and determining the ecological success of the Project.

NOTIFICATIONS AND REPORTS:

29. The Applicant shall provide a Notice of Completion (NOC) no later than 30 days after the Project completion. The NOC shall demonstrate that the Project has been carried out in accordance with the Project description in the Certification and in any approved amendments. The NOC shall include a map of the Project location(s), including final boundaries of any on-site restoration area(s), if appropriate, and representative pre and post construction photographs. Each photograph shall include a descriptive title, date taken, photographic site, and photographic orientation.

30. The Applicant shall submit all notifications, submissions, materials, data, correspondence, and reports in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to: centralvalleysacramento@waterboards.ca.gov. In the subject line of the email, include the Central Valley Water Board Contact, Project name, and WDID number as shown in the subject line above. Documents that are 50 MB or larger must be transferred to a disk and mailed to the Central Valley Water Board Contact.

CENTRAL VALLEY WATER BOARD CONTACT:

Peter Minkel
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670-8114
PeterG.Minkel@waterboards.ca.gov
(916) 464-4684

CALIFORNIA ENVIRONMENTAL QUALITY ACT:

The Calaveras County Water District is the Lead Agency responsible for compliance with the California Environmental Quality Act for the Ebbetts Pass Reach 1 Water Transmission Pipeline Replacement Project pursuant to Section 21000 et seq. of the Public Resources Code. The Calaveras County Water District approved the Mitigated Negative Declaration on 27 June 2018. The Calaveras County Water District filed a Notice of Determination with the State Clearinghouse on 2 July 2018 (SCH No. 2018052042).

The Central Valley Water Board is a responsible agency for the project. The Central Valley Water Board has determined that the Mitigated Negative Declaration is in accordance with the requirements of the California Environmental Quality Act.

The Central Valley Water Board has reviewed and evaluated the impacts to water quality identified in the Mitigated Negative Declaration. The mitigation measures discussed in the Mitigated Negative Declaration to minimize project impacts to State waters are required by this Certification.

With regard to the remaining impacts identified in the Mitigated Negative Declaration, the corresponding mitigation measures proposed are within the responsibility and jurisdiction of other public agencies.

WATER QUALITY CERTIFICATION:

I hereby issue an Order certifying that any discharge from the Calaveras County Water District, Ebbetts Pass Reach 1 Water Transmission Pipeline Replacement Project (WDID#5B05CR00082) will comply with the applicable provisions of Section 301 ("Effluent Limitations"), Section 302 ("Water Quality Related Effluent Limitations"), Section 303 ("Water Quality Standards and Implementation Plans"), Section 306 ("National Standards of Performance"), and Section 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. Through this Order, this discharge is also regulated under State Water Resources Control Board Water Quality Order No. 2003-0017 DWQ "Statewide General Waste Discharge Requirements For Dredged Or Fill Discharges That Have Received State Water Quality Certification (General WDRs)".

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on: a) the discharge being limited and all proposed mitigation being completed in compliance with the conditions of this Certification, Calaveras County Water District's application package, and the attached Project Information Sheet; and b) compliance with all applicable requirements of the *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fifth Edition, revised May 2018.

Any person aggrieved by this action may petition the State Water Resources Control Board to review the action in accordance with California Water Code Section 13320 and California Code of Regulations, Title 23, Section 2050 and following. The State Water Resources Control Board must receive the petition by 5:00 p.m., 30 days after the date of this action, except that if the thirtieth day following the date of this action falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Resources Control Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.

Original Signed By Adam Laputz for:

Patrick Pulupa
Executive Officer

Enclosure: Project Information Sheet

Attachments: Figure 1 – Project Location Map
Figures 2.1 to 2.10 – Temporary Impact Maps

cc: Distribution List, page 13

PROJECT INFORMATION SHEET

Application Date: 25 June 2018

Applicant: Charles Palmer
Calaveras County Water District
P.O. Box 846
San Andreas, CA 95249

Applicant Representative: Alyse Yeager
ECORP Consulting, Inc.
2525 Warren Drive
Rocklin, CA 95677

Project Name: Ebbetts Pass Reach 1 Water Transmission Pipeline Replacement Project

Application Number: WDID#5B05CR00082

Date on Public Notice: 13 July 2018

Date Application Deemed Complete: 25 July 2018

Date All Information Received: 25 July 2018

Type of Project: Utilities - Underground

Approved Months of Project Implementation: 1 May through 30 November

Project Location: Section 24, Township 4 North, Range 14 East, MDB&M.
Latitude: 38°10'46.01" N and Longitude: 121°23'19.16" W

County: Calaveras County

Receiving Water(s) (hydrologic unit): Unnamed tributary of the Stanislaus River, San Joaquin Hydrologic Basin, Stanislaus River Hydrologic Unit #534.22, Angels Camp HSA

Water Body Type: Wetland

Designated Beneficial Uses: The *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fifth Edition, revised May 2018 (Basin Plan) has designated beneficial uses for surface and ground waters within the region. Beneficial uses that could be impacted by the project include, but are not limited to: Municipal and Domestic Water Supply (MUN); Agricultural Supply (AGR); Industrial Supply (IND); Hydropower Generation (POW); Groundwater Recharge (GWR); Water Contact Recreation (REC-1); Non-Contact Water Recreation (REC-2); Warm Freshwater Habitat (WARM); Cold Freshwater Habitat (COLD);

Preservation of Biological Habitats of Special Significance (BIOL); Rare, Threatened, or Endangered Species (RARE); Migration of Aquatic Organisms (MIGR); Spawning, Reproduction, and/or Early Development (SPWN); and Wildlife Habitat (WILD). A comprehensive and specific list of the beneficial uses applicable for the project area can be found at http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/index.shtml.

303(d) List of Water Quality Limited Segments: Unnamed ditches and wetlands are the receiving water for the Ebbetts Pass Reach 1 Water Transmission Pipeline Replacement Project. The unnamed ditches and wetlands are not listed on the 303(d) list. The most recent list of approved water quality limited segments is found at: http://www.waterboards.ca.gov/water_issues/programs/tmdl/integrated2012.shtml

Project Description: The Ebbetts Pass Reach 1 Water Transmission Pipeline Replacement Project (Project) starts near the intersection of State Route 4 and Hunter Dam Road and continues approximately 58 miles to the town of Murphys. The 25-acre Project consists of replacing ten 0.1-acre segments of the current 8-inch water transmission pipeline and associated infrastructure. The pipeline will be installed in an approximately 30-inch wide trench with 36- to 48-inch of native soil covering the top of the pipeline and bottom of trench varying from 5 to 6 feet average depth to 7 to 10 feet deep in some locations. Approximately 24,000 linear feet of new 10- to 12-inch ductile iron pipe will be used for the replacement. All contours will be restored to pre-construction condition, seeded with a native seed mix, and allowed to revegetate naturally.

Dewatering will occur within the Project area by installing temporary coffer dams and pumping water around the work area and released further downstream. Wet concrete will be placed into the ditches, wetland swales, or seeps after fully dewatering the work area. The Project will temporarily impact 0.184 acre/1,615 linear feet of waters of the United States.

Preliminary Water Quality Concerns: Construction activities may impact surface waters with increased turbidity or pH.

Proposed Mitigation to Address Concerns: The Applicant will implement Best Management Practices to control sedimentation and erosion. The Applicant will conduct turbidity and pH testing during in-water work, stopping work if Basin Plan criteria are exceeded or observations indicate an exceedance of a water quality objective.

All temporary affected areas will be restored to pre-construction contours and conditions upon completion of construction activities to provide 1:1 mitigation for temporary impacts.

Excavation/Fill Area: Approximately 1,200 cubic yards of native soil will be excavated from 0.184 acre of wetlands (waters of the United States).

Approximately 1,200 cubic yards of clean soil will be placed into 0.184 acre of waters of the United States.

Dredge Volume: None

California Integrated Water Quality System Impact Data: The Project will temporarily impact 0.184 acre/1,615 linear feet of wetland habitat from fill/excavation activities.

Table 1: Impacts from Fill and **Excavation Activities**

Aquatic Resource Type	Temporary			Permanent					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet
Wetland	0.184	1,200	1,615	--	--	--	--	--	--

United States Army Corps of Engineers File Number: SPK-2018-00556

United States Army Corps of Engineers Permit Type: Nationwide Permit #12

Possible Listed Species: California red-legged frog, Sierra Nevada yellow-legged frog

Status of CEQA Compliance: The Calaveras County Water District approved a Mitigated Negative Declaration on 27 June 2018. The Calaveras County Water District filed a Notice of Determination with the State Clearinghouse on 2 July 2018 (SCH No. 2018052042).

The Central Valley Water Board will file a Notice of Determination with the State Clearinghouse as a responsible agency within five (5) days of the date of this Certification.

Compensatory Mitigation: The Central Valley Water Board is not requesting compensatory mitigation for the Ebbetts Pass Reach 1 Water Transmission Pipeline Replacement because there are only temporary impacts and all temporary impacts will be restored to pre-existing conditions.

Application Fee Provided: $2,441.00 was received on 25 June 2018. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3) and was calculated as category A - Fill & Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

DISTRIBUTION LIST

Kathy Norton (SPK-2018-00556)
United States Army Corps of Engineers
Sacramento District Headquarters
Regulatory Division
SPKRegulatoryMailbox@usace.army.mil

Department of Fish and Wildlife, Region 2(Electronic Copy Only)
R2LSA@wildlife.ca.gov

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Bill Jennings
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Stockton, CA 95204

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Alyse Yeager (Electronic Copy Only)
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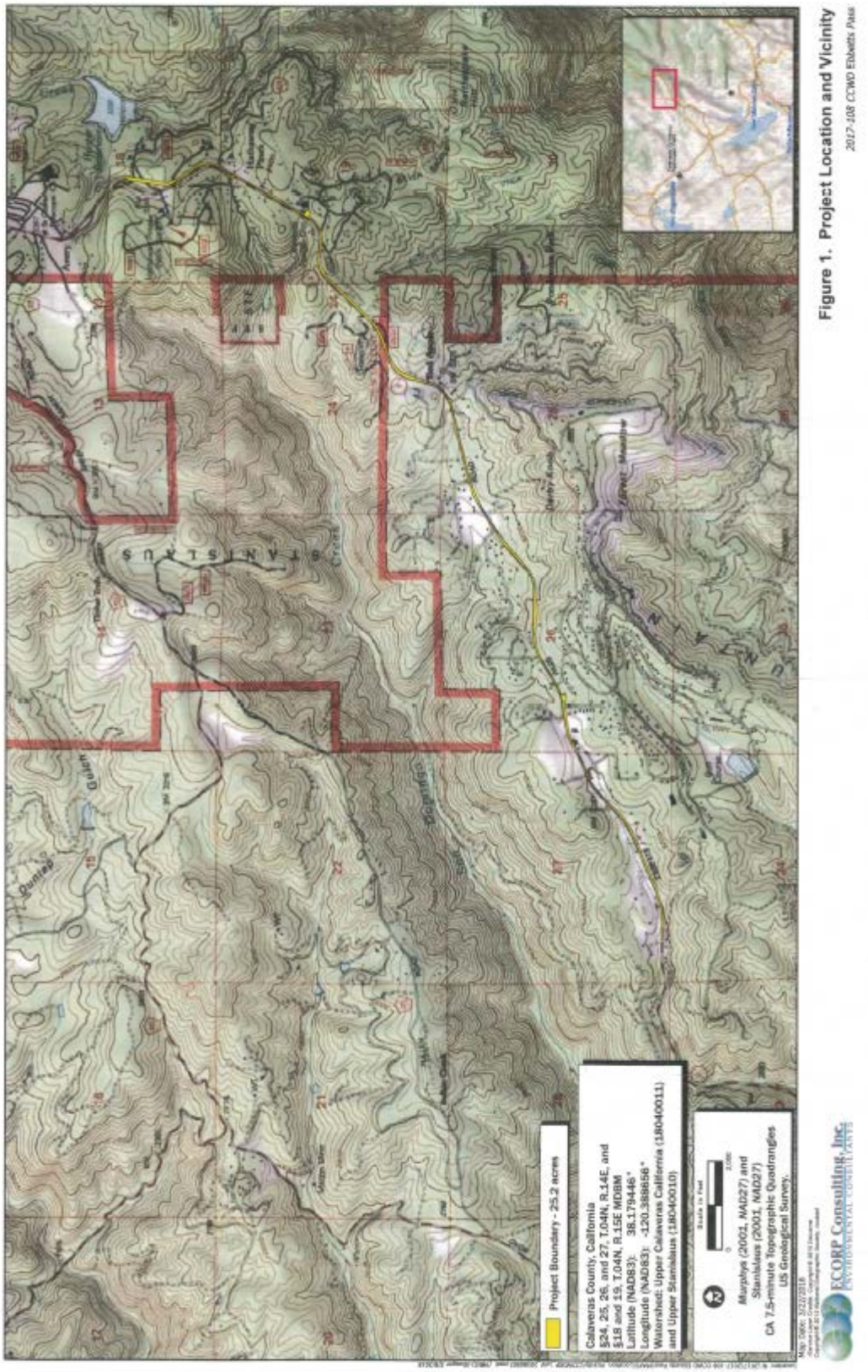

Figure 1 – Project Location Map

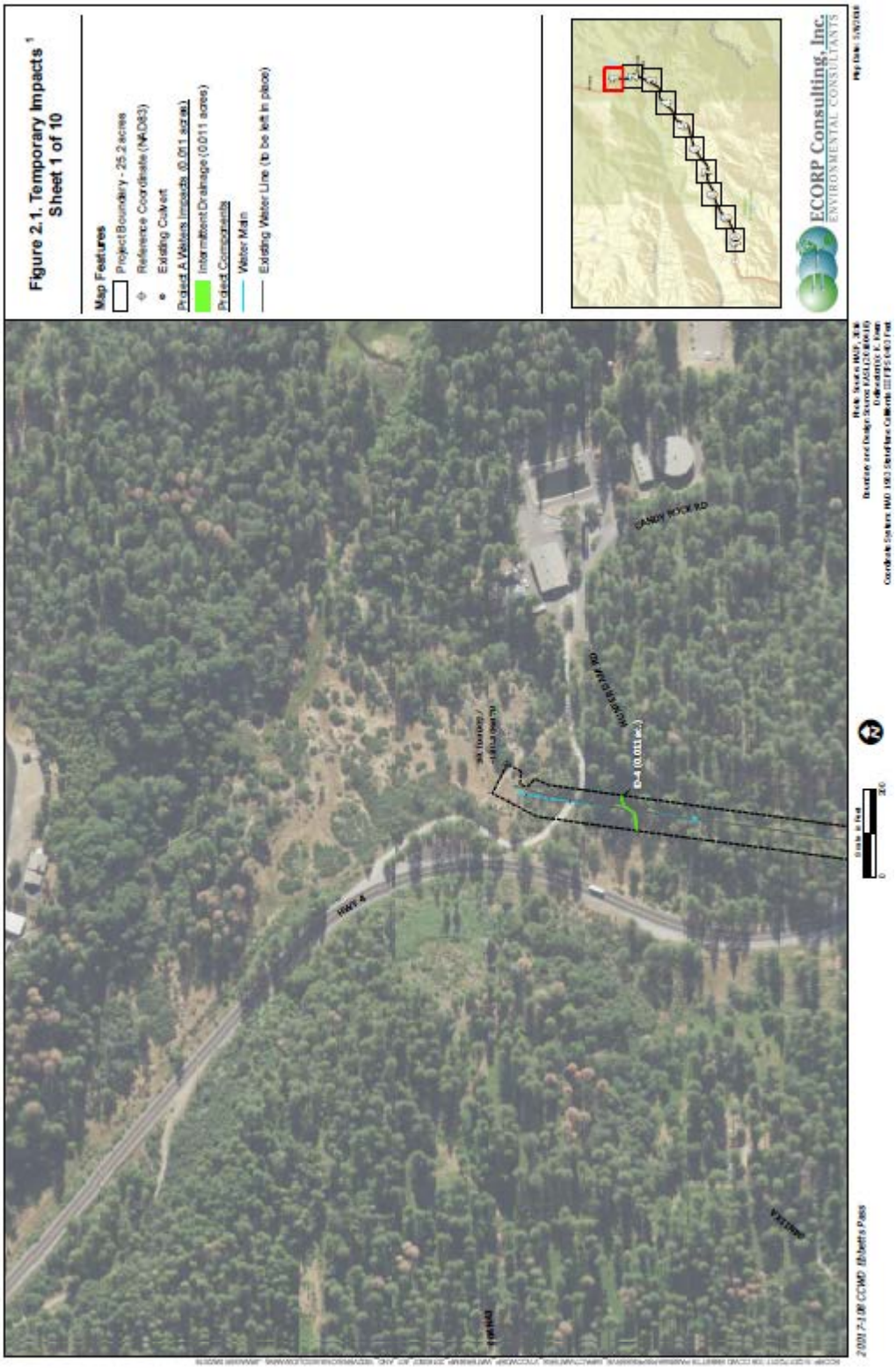

Figure 2.1 – Temporary Impact Map

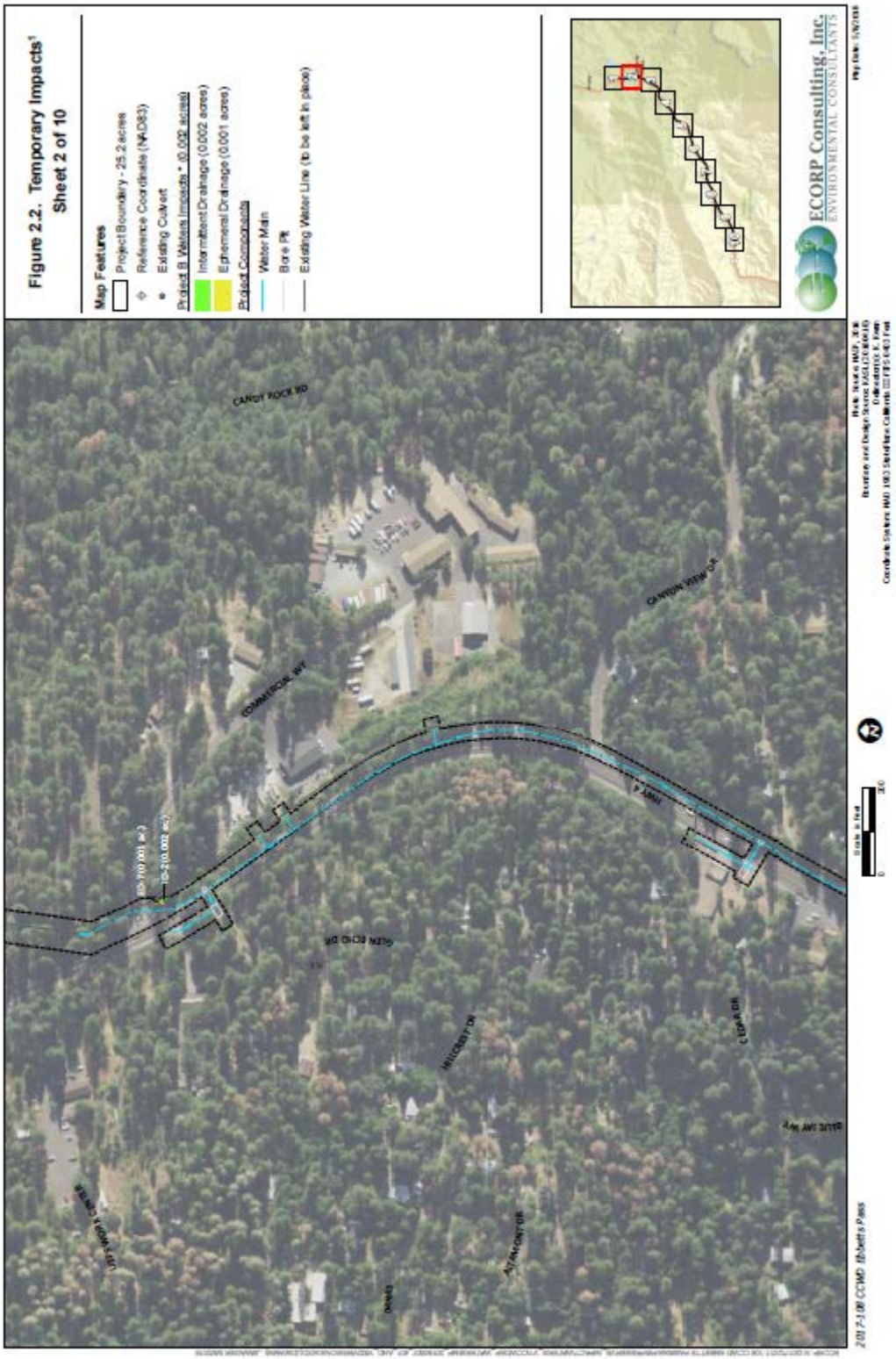

Figure 2.2 – Temporary Impact Map

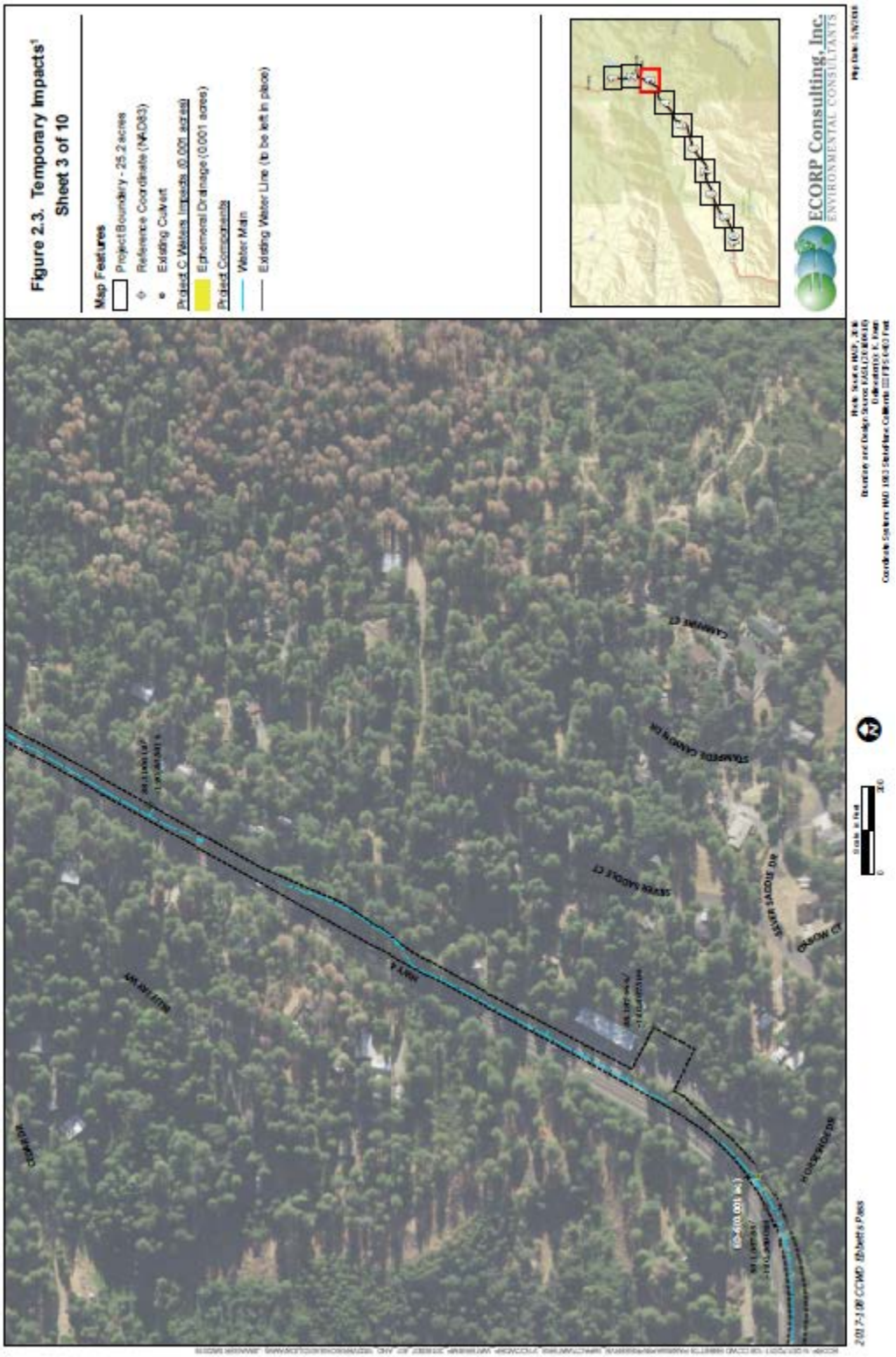

Figure 2.3 – Temporary Impact Map

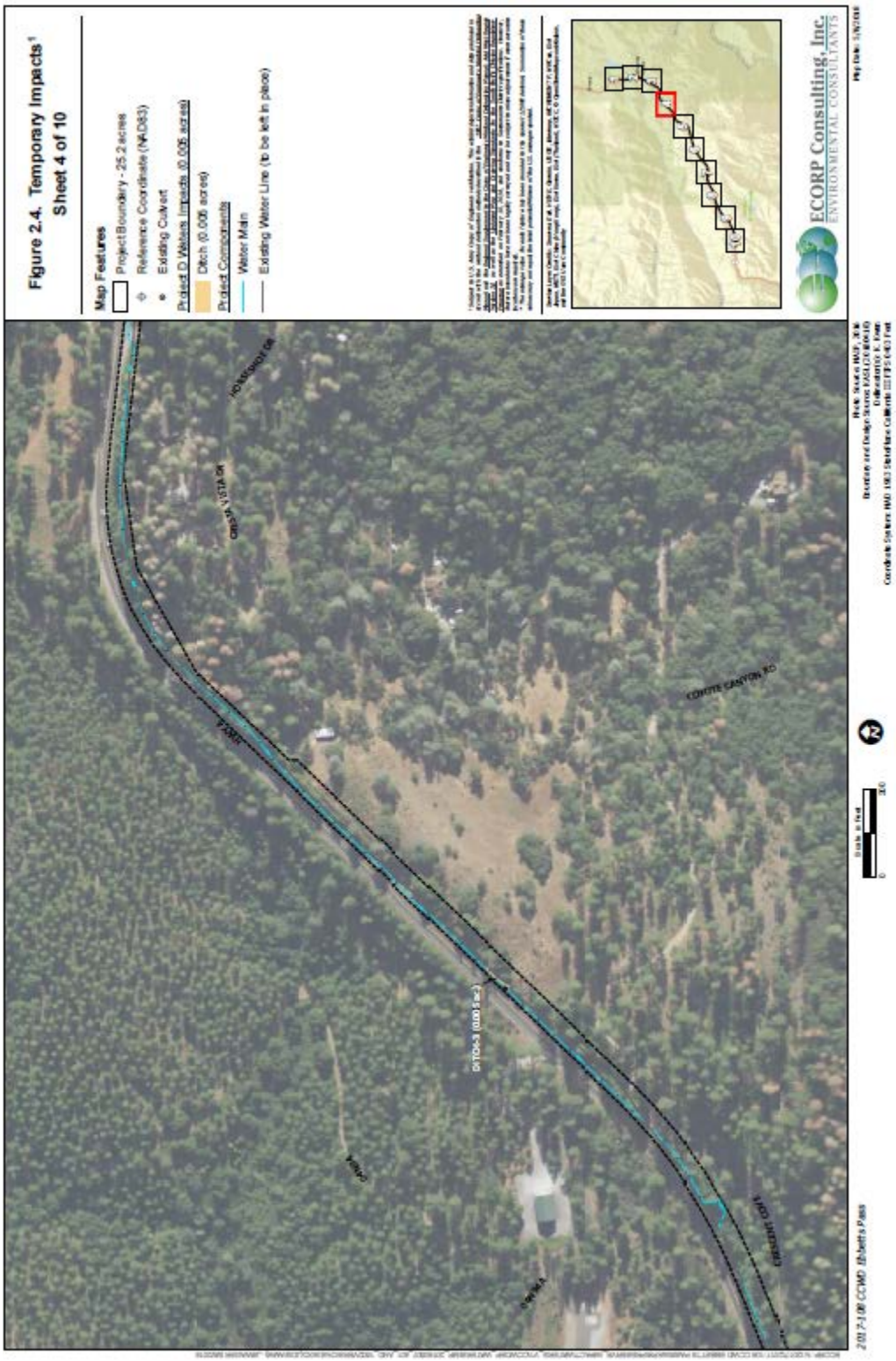

Figure 2.4 Temporary Impacts

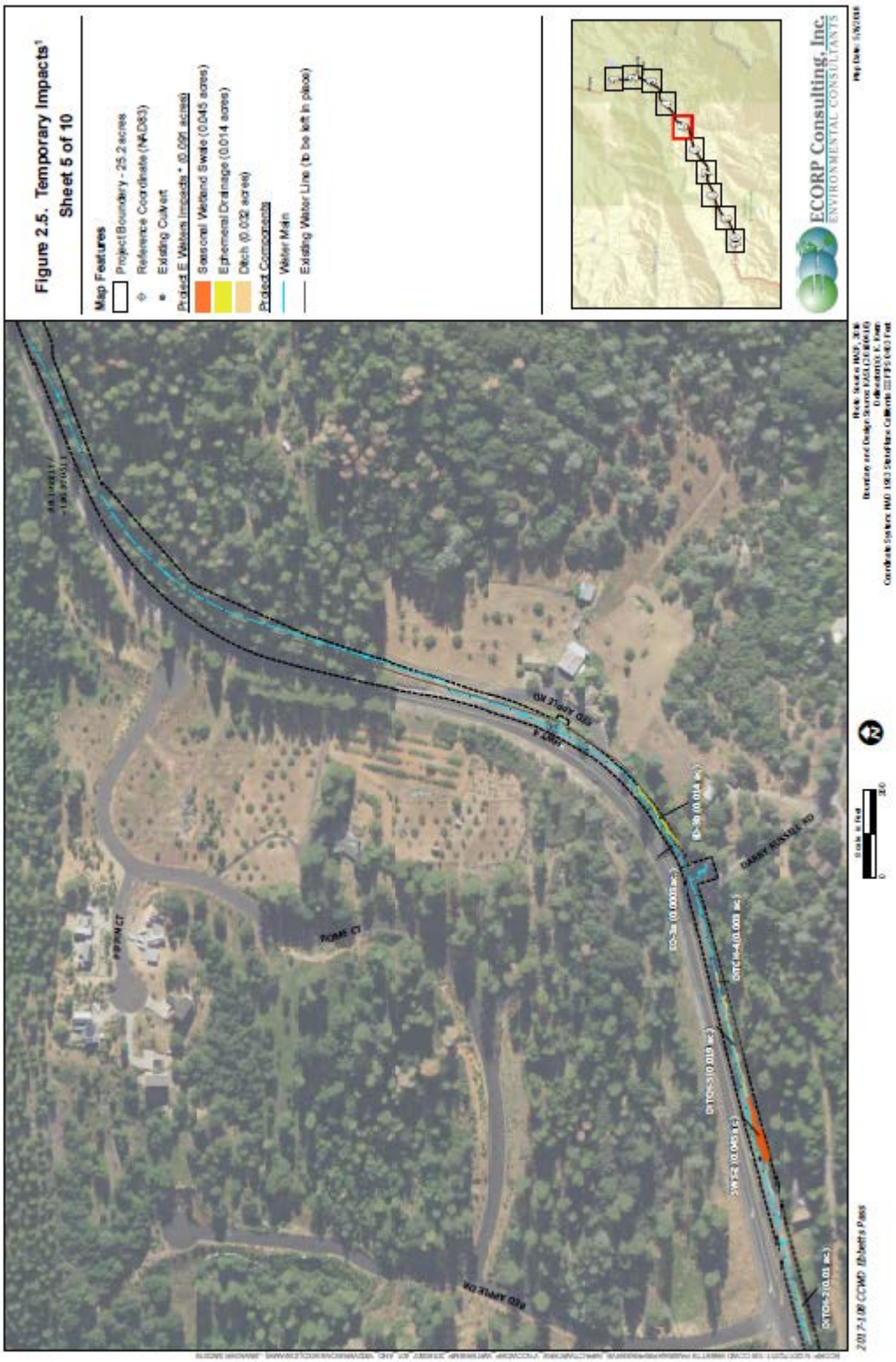

Figure 2.5 – Temporary Impact Map

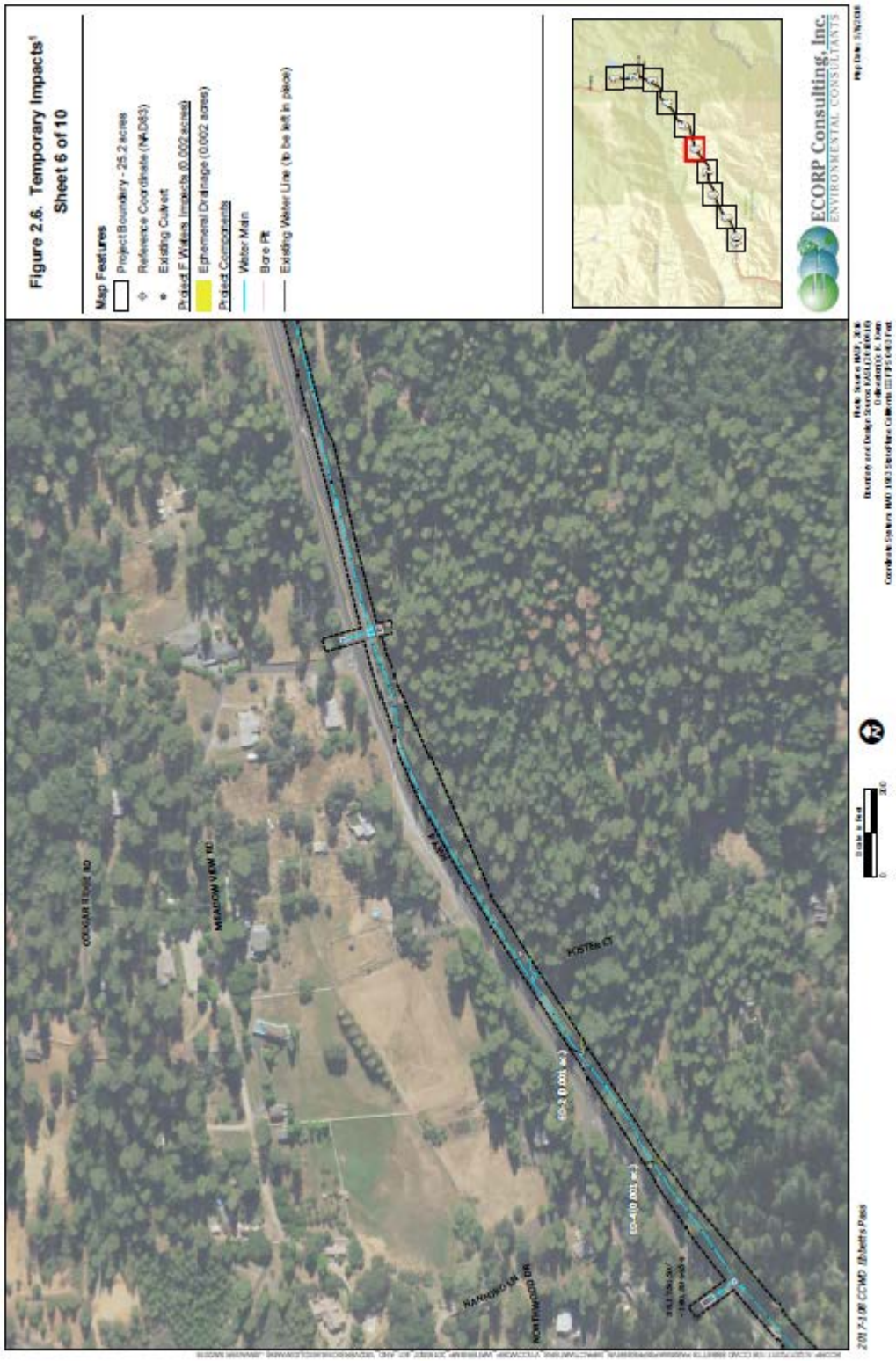

Figure 2.6 – Temporary Impact Map

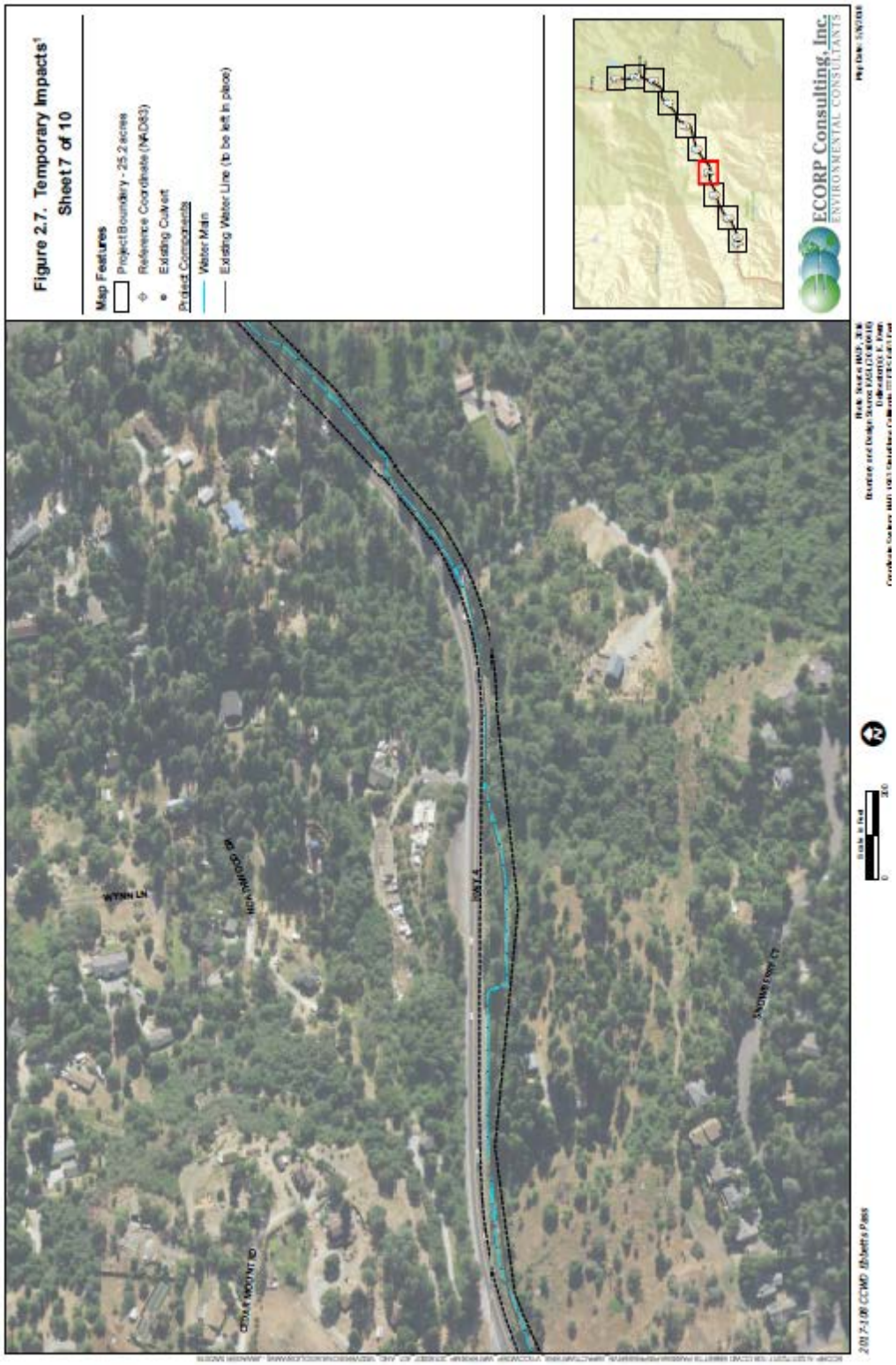

Figure 2.7 – Temporary Impact Map

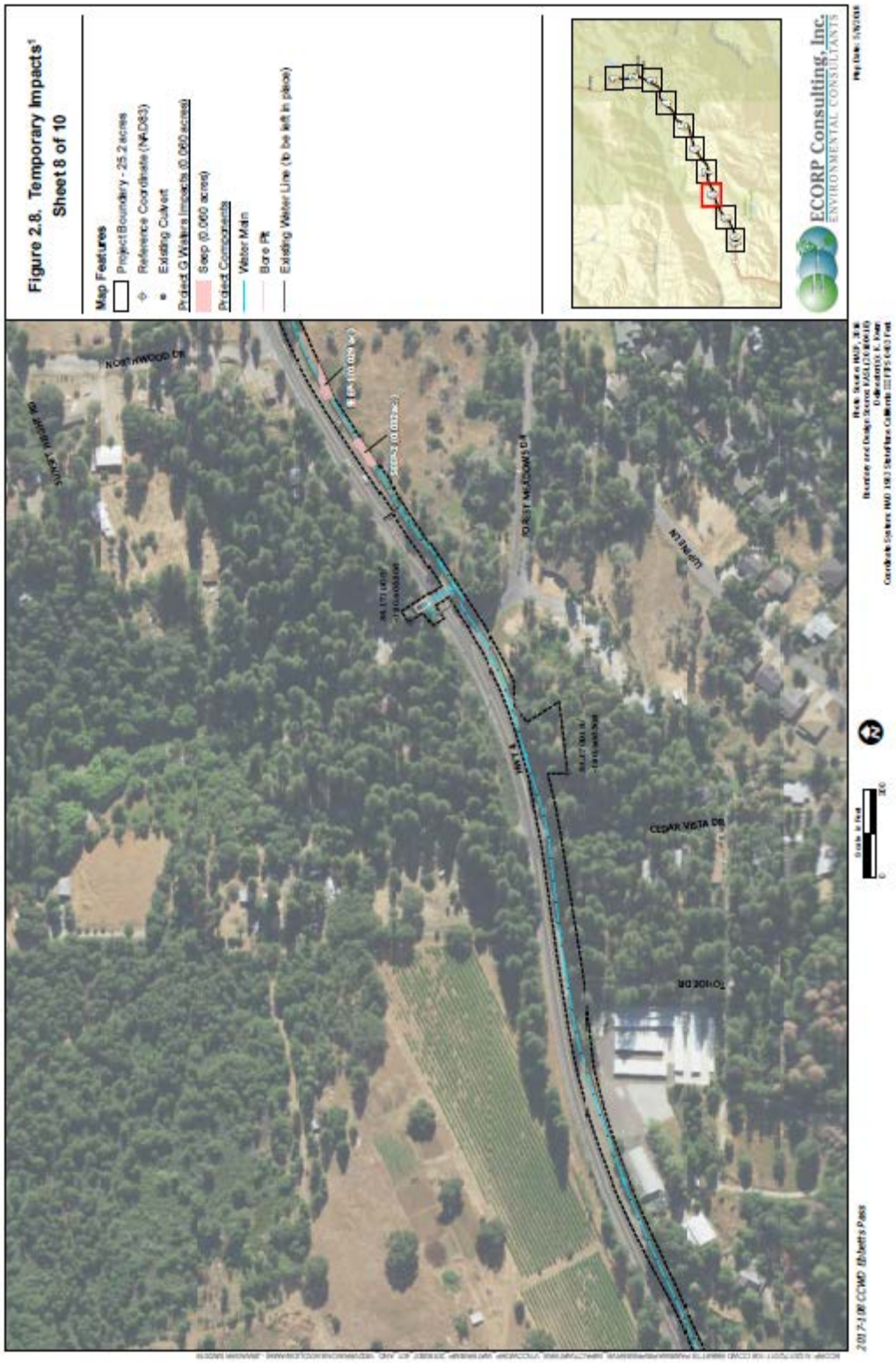

Figure 2.8 – Temporary Impact Map

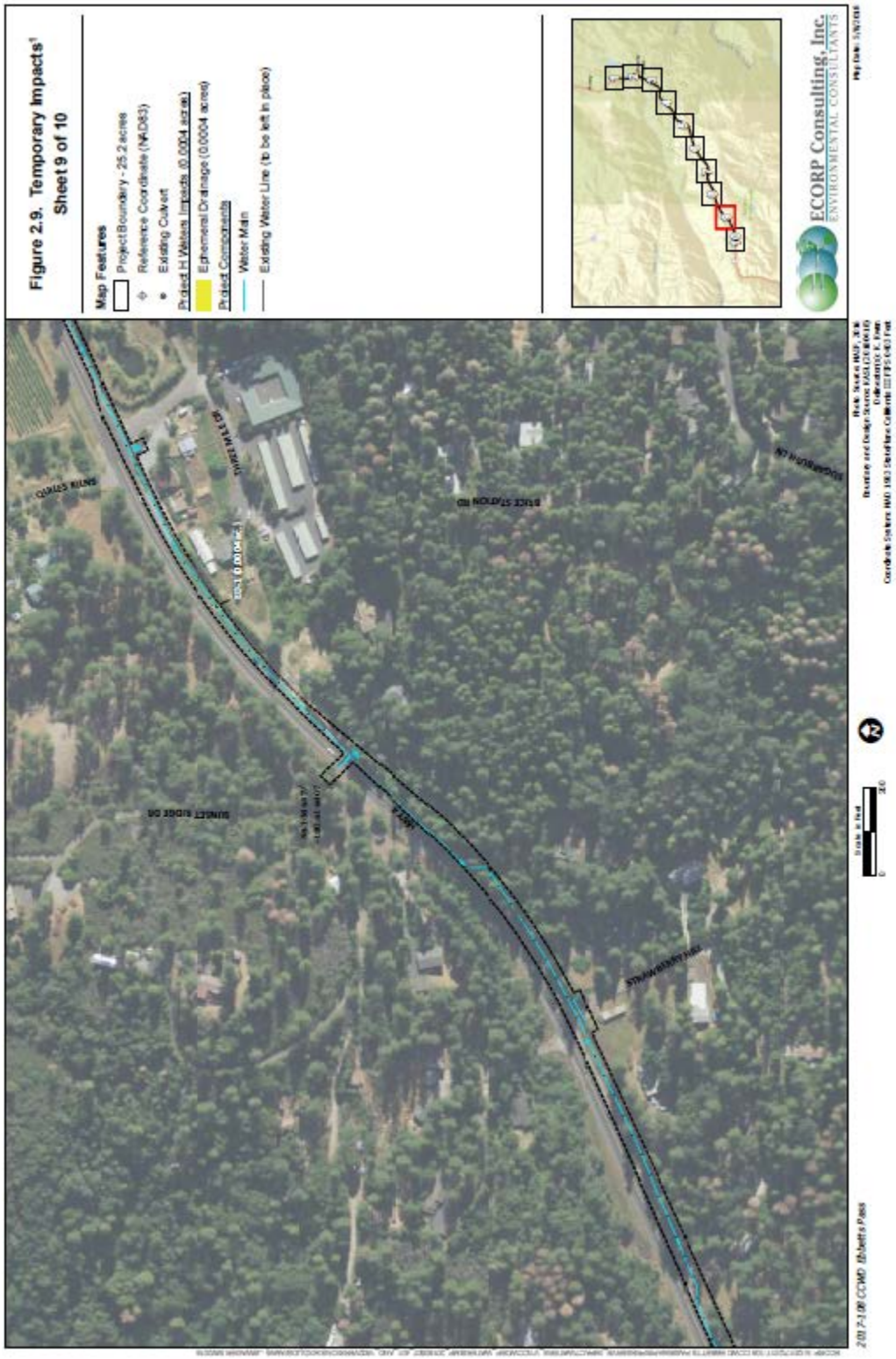

Figure 2.9 – Temporary Impact Map

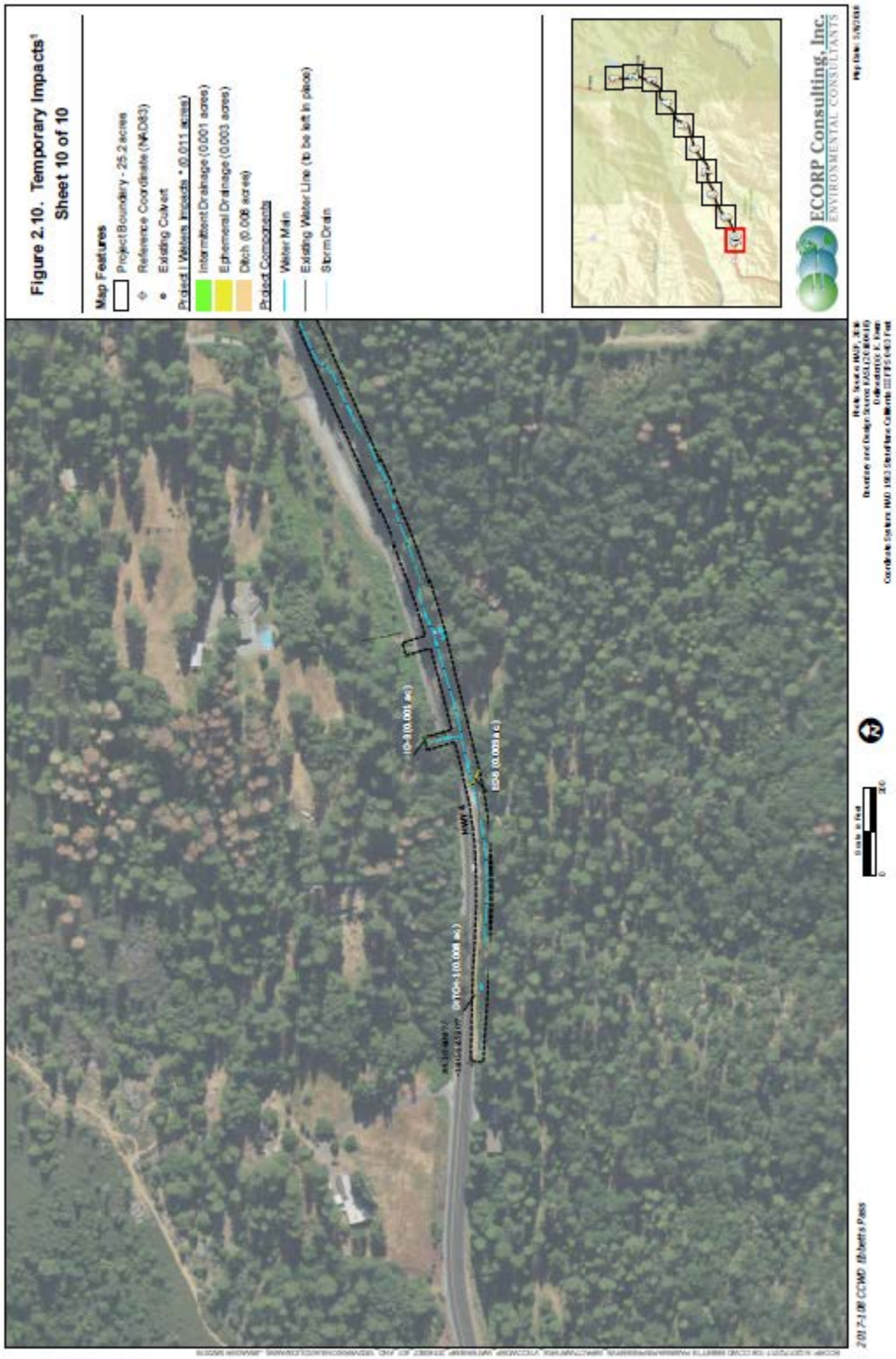

Figure 2.10 Temporary Impact Map

California Regional Water Quality Control Board
Central Valley Region
Section 401 Water Quality Certification Application

Ebbetts Pass Reach 1 Water Transmission Pipeline Project

Calaveras County, California

U.S. Army Corps of Engineers Regulatory No. Pending

Prepared For:

Calaveras County Water District

June 20, 2018

30 YEARS
ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

SECTION 401 WATER QUALITY CERTIFICATION
APPLICATION FORM

Application Fees: Application fees shall be based on the current fee schedule in accordance with Title 23 CCR § 2200 (a)(3), and is required. To determine the total fee, please use the fee calculator at: http://www.waterboards.ca.gov/water_issues/programs/#wqcert. In order to process the application, a deposit, as determined by the fee calculator, is required. Projects qualifying for a flat fee category must remit the flat fee with the application. Please include a check payable to the **State Water Resources Control Board.**

Annual Fees: After the certification has become effective, annual fees will be based on the fee schedule at time of billing.

Application and Fee Submission: See the Section 401 Water Quality Certification Application Instructions and Information Sheet at the end of the application form for instructions on submitting the application and fees. Attachment A provides a completed Dredge and Fill Fee Calculator worksheet.

Attach additional sheets as necessary. If any information is not applicable to the proposed project please indicate that as N/A.

1. APPLICANT INFORMATION

Applicant: Calaveras County Water District
Contact Name: Charles Palmer
Address: 120 Toma Court P.O. Box 846 (for all U.S. Mail)
San Andreas, California 95249
Phone No: (209)754-3174
Fax No: (209)754-1120
E-mail Address: charlesp@ccwd.org

2. AGENT INFORMATION*

Agent*
Contact Name: Alyse Yeager
Address: 2525 Warren Drive
Rocklin, California 95677
Phone No: 916-782-9100
Fax No: 916-782-5323
E-mail Address: ayeager@ecorpconsulting.com

*Complete only if applicable

3. PROJECT DESCRIPTION

a) Project Title: Ebbetts Pass Reach 1 Water Transmission Pipeline Project (Project)

b) Project Location:

Along State Route 4 (SR-4) from Hunter Dam Road to 6,000 feet downhill from the entrance of Forest Meadows Drive

County: Calaveras Section: 24,25,26,27 Township: 4N Range: 14E

Section: 18,19 Township: 4N Range: 15E

Quadrangle Name: Murphys and Stanislaus, California

Latitude: 38.179446 Longitude: -120.388656

*Attach site map with "waters" clearly indicated (e.g. USGS 7 ½ quadrangle map)

See Figure 1. *Project Location and Vicinity*

c) Project Description (Please provide a detailed explanation of all project activities. Include applicable information such as: avoidance and minimization measures for project impacts; alternatives analysis; project activity impacts to water bodies and/or water quality; whether or not dewatering is planned; whether or not wet concrete will be used; and implementation of Low Impact Development (LID) strategies. Attach additional pages as necessary):

PROJECT PURPOSE

The purpose of this Project is to replace an existing eight-inch-diameter water transmission pipeline due to its age, poor condition and need for frequent repairs. The pipeline will be used for the transmission of potable water for domestic use as well as supply fire flow for communities along SR-4.

PROJECT DESCRIPTION

The Calaveras County Water District (CCWD) proposes to replace an existing water transmission pipeline and associated facilities (pressure reducing valve stations, air relief valves, blow-off valves, main line valves, and fire hydrants). The existing eight-inch-diameter Ebbetts Pass Reach 1 pipeline is owned and operated by the CCWD. The existing pipeline was constructed in 1965 and delivers water treated from the CCWD's Hunter Dam Water Treatment Plant to CCWD customers located along the SR-4 corridor from Avery, south and west, to services located approximately 6,000 feet west of Forest Meadows Drive. All construction of the new pipeline will be performed in conformance with the current industry standards including National Sanitation Foundation (NSF) 60/61, American Water Works Association and State of California Waterworks standards to assure public health and safety. The new pipeline will be fully disinfected and pass bacteriological tests before sections of new piping are placed into service.

The proposed replacement of the existing pipeline by the CCWD is under U.S. Army Corps of Engineers (USACE) jurisdiction. The Project will result in temporary impacts to a total of ±0.184 acre of potential jurisdictional Waters of the U.S. (Figure 2. *Temporary Impacts*). See accompanying NWP application for full Project description (Attachment B).

Work activities requiring dewatering will use temporary coffer dams. For temporary dewatering and/or pumping, water shall be released or pumped downstream at a rate to maintain downstream flows during construction.

The proposed pipeline will be installed at approximately the same location as the existing pipeline to reduce development impacts. Additionally, all waters will be restored to pre-construction contours, seeded with a native seed mixed, and allowed to revegetate naturally.

d) Proposed Schedule (start date, and completion date):

May 1, 2019 to November 30, 2020

e) Total Project Size (clearing, grading, other construction activities):

25.2 acres 24,000 linear feet (if appropriate)

4. IMPACTED WATER BODIES

a) Name(s) of Receiving Water Body(ies):

Unnamed seasonal wetland swales, seeps, intermittent drainages, ephemeral drainages and ditches

b) Anticipated potential stream flow during project activity:

Low. In-feature construction will be limited to periods of low flow volumes or in absence of flows in the unnamed seasonal wetland swales, seeps, intermittent drainages, ephemeral drainages and ditches. If water is present, dewatering will occur prior to construction.

c) Describe potential impacts to water quality:

Project construction activities have the potential to cause erosion or sedimentation within the avoided areas. The Project runoff, erosion, and subsequent sedimentation issues will be minimized or eliminated through implementation of mitigation measures. This requires the preparation of an Erosion Control Plan and Stormwater Pollution Prevention Plan (**SWPPP**) and the installation of appropriate Best Management Practices (BMPs). A full description of BMPs is provided in Box 6.

d) **Waters of the United States:** Indicate in ACRES and LINEAR FEET (where appropriate) the proposed waters of the United States to be impacted by <u>any discharge other than dredging</u>, and identify the impacts(s) as permanent and/or temporary for each water body type listed below:

Water Body Type	**Permanent Impacts**		**Temporary Impacts**	
	(acres)	(linear feet)	(acres)	(linear feet)
Seasonal Wetland Swale	0	0	0.045	155
Seep	0	0	0.056	163
Intermittent Drainage	0	0	0.017	118
Ephemeral Drainage	0	0	0.021	348
Ditch	0	0	0.045	831

e) **Non-Federal Waters**: This section is **only** for waters that the U.S. Army Corps of Engineers does **not** consider federally jurisdictional. Indicate in ACRES and LINEAR FEET (where appropriate) the proposed **waters of the State** to be impacted by <u>any discharge other than dredging</u>, and identify the impacts(s) as permanent and/or temporary for each water body type listed below:

Water Body Type	**Permanent Impacts**		**Temporary Impacts**	
	(acres)	(linear feet)	(acres)	(linear feet)
Isolated Wetland	N/A		N/A	
Ditch/Canal	N/A		N/A	
Other	N/A		N/A	

f) **Fill:** Indicate the amount (cubic yards) and type of fill material to be discharged/installed in waters of the State/United States:

Type of Material (Soil, concrete, steel, rock…….)	**Amount** (cubic yards)	**What type of water body?** (Wetland, riparian, streambed, lake……)	**Indicate if fill is in federal or non-federal waters**
Native Soil	1,200 (temporary)	wetlands	federal
Gravel/Stone	50 (restoration)	Streambed	federal
Aggregate	200 (buried)	Wetlands	federal
Concrete/cement	60 (buried)	Streambed/wetlands	federal
Steel pipe	50 (buried)	All waters	federal

g) **Dredge/Removal:** Indicate the amount (cubic yards) and type of material to be dredged and/or removed from waters of the State/United States:

Type of Material (Soil, concrete, steel, rock…….)	**Amount** (cubic yards)	**What type of water body?** (Wetland, riparian, streambed, lake……)	**Indicate if dredge or removal is in federal or non-federal waters**
Native soil	Up to 1,200	Wetland, streambed	Federal

Native soil excavated from jurisdictional waters will be used to re-contour the respective features from which it came.

5. COMPENSATORY MITIGATION

a) Indicate in ACRES and LINEAR FEET (where appropriate) the total quantity of **waters of the United States** proposed to be Created, Restored and/or Enhanced for purposes of providing Compensatory Mitigation If mitigating for state waters that were not considered federally jurisdictional then attach a description of the proposed mitigation:

Water Body Type	**Created**		**Restored**		**Enhanced**	
	(acres)	(linear ft)	(acres)	(linear ft)	(acres)	(linear ft)
Jurisdictional Wetland	0		0		0	
Riparian	0		0		0	
Streambed	0		0		0	
Lake/Reservoir	N/A		N/A		N/A	

The Project would temporarily impact 0.184 acre of unnamed seasonal wetland swales, seeps, intermittent drainages, ephemeral drainages and ditches. All 0.184 acre of Waters of the U.S. will be recontoured to pre-Project conditions. In addition, these areas will be seeded with an agency-approved native seed mix. Therefore, no additional compensatory mitigation is proposed. Additionally, each crossing will temporarily impact less than 0.10 acre of Waters of the U.S., which is below the limit by which compensatory mitigation must be proposed, per NWP General Condition 23.

b) If contributing to a Mitigation or Conservation Bank, indicate the agency, dollar amount, acreage, and water body type (if applicable):
Mitigation Bank or Conservation Agency N/A
$ N/A for N/A acres of N/A (water body type)
How many acres of this mitigation area qualify as waters of the United States? N/A

c) Other Mitigation (omit if not applicable):
N/A

How many acres of this mitigation area qualify as waters of the United States? N/A

d) Location of Compensatory Mitigation Site(s) (attach map of suitable quality and detail):

City of Area N/A County N/A

Longitude/Latitude N/A Township/Range N/A

6. OTHER ACTIONS/BEST MANAGEMENT PRACTICES (BMPs)

Briefly describe other actions/BMPs to be implemented to Avoid and/or Minimize impacts to waters of the United States, including preservations of habitats, erosion control measures, project scheduling, flow diversions, etc.

This Project has been designed to include the smallest footprint practicable to minimize temporary and permanent impacts to Waters of the U.S. The following avoidance and minimization efforts will further reduce the potential impacts to these waters:

- Implementation of BMPs, including but not limited to: minimizing soil disturbance, stabilized construction access, covering of exposed areas with mulch, use of construction mats, soil stabilizers, binders, fiber rolls or blankets, temporary vegetation or permanent seeding, and preservation of existing vegetation will be used to control sedimentation and erosion. These measures would be developed in a Project-specific erosion control plan.
- Environmentally sensitive area fencing shall be used to delineate the Project boundaries to prevent encroachment of construction personnel and equipment into adjacent waters and wetlands. Disturbed areas will be reseeded with an agency-approved native seed mixture.
- An Environmental Monitor will be onsite to ensure implementation of these measures during construction.

Unavoidable temporary impacts to wetland vegetation and other jurisdictional waters during construction will also require consultation with the appropriate jurisdictions (USACE and California Department of Fish and Wildlife) and acquisition of permits (404 and 1602, respectively). All permit conditions will be followed.

7. OTHER PERMITS/AGREEMENTS/ETC

a) U.S. Army Corps of Engineers Permit: Indicate the type of ACOE permit *(check one)*

Nationwide Permit No(s): 12 Individual Permit No(s): Regional Permit No(s):

Letter(s) of Permission: ACOE Permit Reference Number: SPK# Pending

Have you notified ACOE of project? Yes

Have you reviewed the General Conditions for your ACOE permit? N/A

Have you attached a copy of the application/notification to ACOE? Yes (Attachment B)

b) California Department of Fish and Game Lake or Streambed Alteration Agreement:

Date of Application: Concurrently with this application

Have you attached a copy of the application? Yes (Attachment C)

Has the Agreement been issued? No if so, list Agreement number: Pending

c) Water Rights:

If the project is directly related to any diversion, obstruction, extraction, or impoundment of the natural flow of a river, stream, lake or underground source then provide the Water Right Application ID Number N/A or Permit ID Number N/A

8. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

a) Indicate the type of CEQA Document required for this project:

Categorical Exemption ___ Negative Declaration __X__ Environmental Impact Report ___

Has the document been certified/approved, or has a Notice of Exemption been filed? ___No___

If yes date of approval/filing _____ If no, expected approval/filing date:_____

Lead Agency __Calaveras County Water District_____

Have you attached a copy of the draft/final CEQA documentation*? _____Yes (Attachment D)___

* A final copy of valid CEQA documentation must be provided before a project can be certified

b) List State and Federal Threatened/Endangered Species that could potentially be impacted by this project:

No State or federal threatened/endangered listed species or other species of special concern observations have been documented within and immediately surrounding the Project site. Detailed descriptions of potential impacts to special status species are provided in the Biological Resources Assessment for the Project (Attachment E).

9. PAST/FUTURE PROPOSALS BY THE APPLICANT

Briefly list/describe any projects carried out in the last 5 years or planned for implementation in the next 5 years that are in any way related to the proposed activity or may impact the same receiving body of water. Include the estimated adverse impacts from the past or future projects.

There are no known projects carried out in the last five years or planned for implementation within the next five years that are related to the Project or that may impact the same receiving body of water.

SIGNATORY REQUIREMENTS

All reports, notices, or other documents required by the Water Quality Certification or requested by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) shall be signed by a person described below or by a duly authorized representative of that person.

a. For a corporation: by a responsible corporate officer such as (1) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function; (2) any other person who performs similar policy or decision-making functions for the corporation; or (3) the manager of one or more manufacturing, production, or operating facilities if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
b. For a partnership or sole proprietorship: by a general partner or the proprietor.
c. For a municipality, State, federal, or other public agency: by either a principal executive officer or ranking elected official.

10. CERTIFICATION [Any person signing or submitting a document, e.g. an application, a monitoring report, etc., to demonstrate compliance with the Water Quality Certification regulations shall make the following certification, whether written or implied]

"I certify under penalty of law that this document, including all attachments and supplemental information, were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel property gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Print Name: Charles Palmer, Calaveras County Water District Title: District Engineer

Signature: _____ Date: 7/1/18

STATEMENT OF AUTHORIZATION (if designating a specific agent)

I hereby authorize Alyse Yeager, ECORP Consulting, Inc. to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

X _____ DATE 7/1/18
APPLICANT'S SIGNATURE (not the authorized agent)

All information on this application becomes part of the public record, and as such is subject to public records requests disclosure. In addition, the application will be posted for public review on the Regional Board's web site in accordance with California Code of Regulations Title 23 Section 3858.

LIST OF FIGURES

Project Boundary - 25.2 acres

Calaveras County, California
§24, 25, 26, and 27, T.04N, R.14E, and
§18 and 19, T.04N, R.15E MDBM
Latitude (NAD83): 38.179446°
Longitude (NAD83): -120.388656°
Watershed: Upper Calaveras California (18040011) and Upper Stanislaus (18040010)

Scale in Feet
0 2,000

Murphys (2001, NAD27) and Stanislaus (2001, NAD27)
CA 7.5-minute Topographic Quadrangles
US Geological Survey.

Location: N:\2017\2017-108 CCWD Ebbetts Pass\MAPS\Location_Vicinity\CCWDEP_LnV_20180507.mxd (MRG) JSwager 5/8/2018

Map Date: 3/22/2018

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Figure 1. Project Location and Vicinity

2017-108 CCWD Ebbetts Pass

Figure 2.1. Temporary Impacts [1]
Sheet 1 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

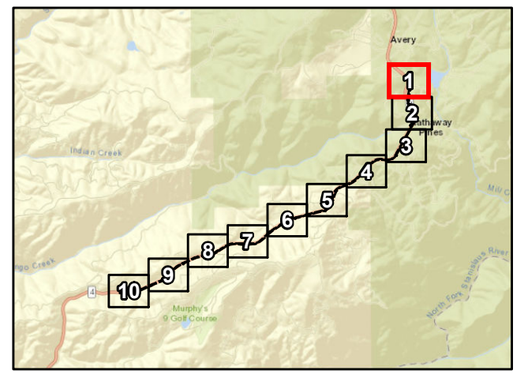
Project A Waters Impacts (0.011 acres)

- Intermittent Drainage (0.011 acres)

Project Components

- Water Main
- Existing Water Line (to be left in place)

[1] *Subject to U.S. Army Corps of Engineers verification. This exhibit depicts information and data produced in accord with the wetland delineation methods described in the 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region Version 2.0 as well as the Updated Map and Drawing Standards for the South Pacific Division Regulatory Program as amended on February 10, 2016, and conforms to Sacramento District specifications. However, feature boundaries have not been legally surveyed and may be subject to minor adjustments if more accurate locations are required.*
** The acreage value for each feature has been rounded to the nearest 1/1000 decimal. Summation of these values may not equal the total potential Waters of the U.S. acreage reported.*



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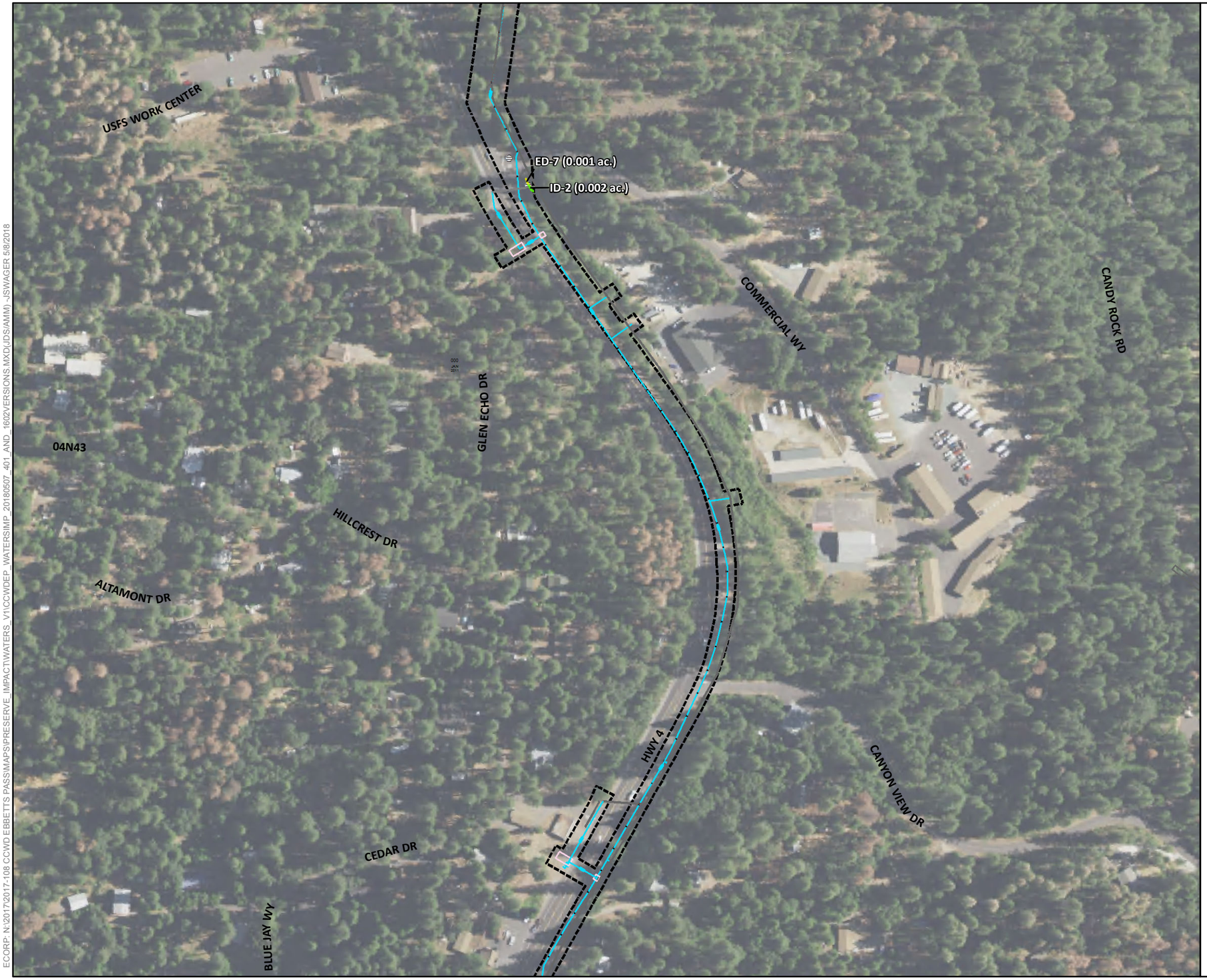
2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

Figure 2.2. Temporary Impacts[1]
Sheet 2 of 10



Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project B Waters Impacts * (0.002 acres)

- Intermittent Drainage (0.002 acres)
- Ephemeral Drainage (0.001 acres)

Project Components

- Water Main
- Bore Pit
- Existing Water Line (to be left in place)

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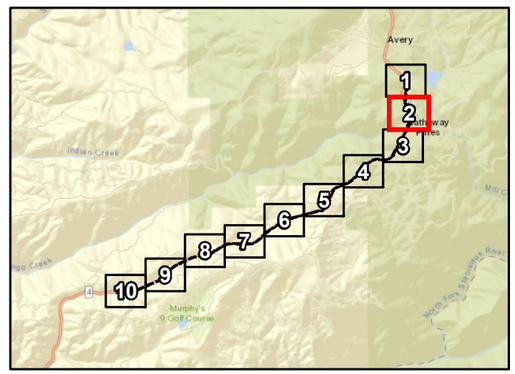

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2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

Figure 2.3. Temporary Impacts[1]
Sheet 3 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project C Waters Impacts (0.001 acres)

- Ephemeral Drainage (0.001 acres)

Project Components

- Water Main
- Existing Water Line (to be left in place)

[1] *Subject to U.S. Army Corps of Engineers verification. This exhibit depicts information and data produced in accord with the wetland delineation methods described in the 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region Version 2.0 as well as the Updated Map and Drawing Standards for the South Pacific Division Regulatory Program as amended on February 10, 2016, and conforms to Sacramento District specifications. However, feature boundaries have not been legally surveyed and may be subject to minor adjustments if more accurate locations are required.*
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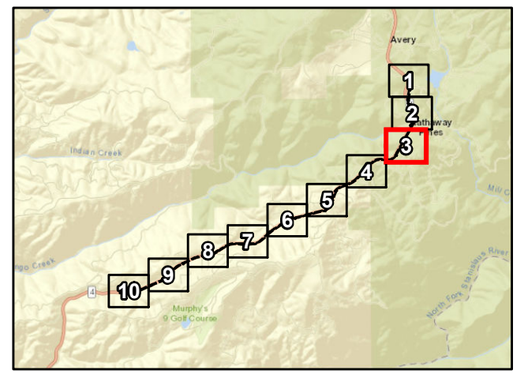

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2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

Figure 2.4. Temporary Impacts[1]
Sheet 4 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project D Waters Impacts (0.005 acres)

- Ditch (0.005 acres)

Project Components

- Water Main
- Existing Water Line (to be left in place)

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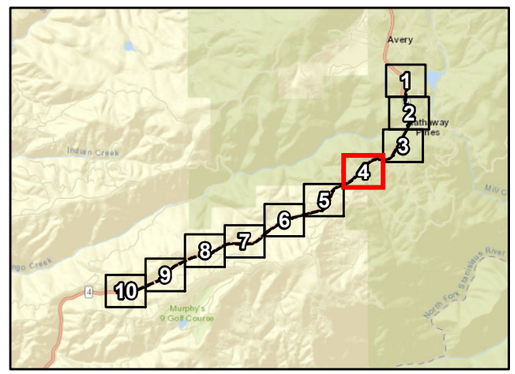

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2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

Figure 2.5. Temporary Impacts[1]
Sheet 5 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project E Waters Impacts * (0.091 acres)

- Seasonal Wetland Swale (0.045 acres)
- Ephemeral Drainage (0.014 acres)
- Ditch (0.032 acres)

Project Components

- Water Main
- Existing Water Line (to be left in place)

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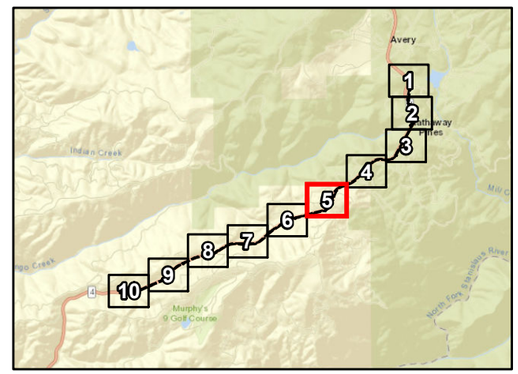

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2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

ECORP N:\2017\2017-108 CCWD EBBETTS PASS\MAPS\PRESERVE_IMPACTWATERS_V1\CCWDEP_WATERSIMP_20180507_401_AND_1602\VERSIONS.MXD(JDS/AMM) -JSWAGER 5/8/2018

Figure 2.6. Temporary Impacts[1]
Sheet 6 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project F Waters Impacts (0.002 acres)

- Ephemeral Drainage (0.002 acres)

Project Components

- Water Main
- Bore Pit
- Existing Water Line (to be left in place)

[1] Subject to U.S. Army Corps of Engineers verification. This exhibit depicts information and data produced in accord with the wetland delineation methods described in the 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region Version 2.0 as well as the Updated Map and Drawing Standards for the South Pacific Division Regulatory Program as amended on February 10, 2016, and conforms to Sacramento District specifications. However, feature boundaries have not been legally surveyed and may be subject to minor adjustments if more accurate locations are required.

* The acreage value for each feature has been rounded to the nearest 1/1000 decimal. Summation of these values may not equal the total potential Waters of the U.S. acreage reported.

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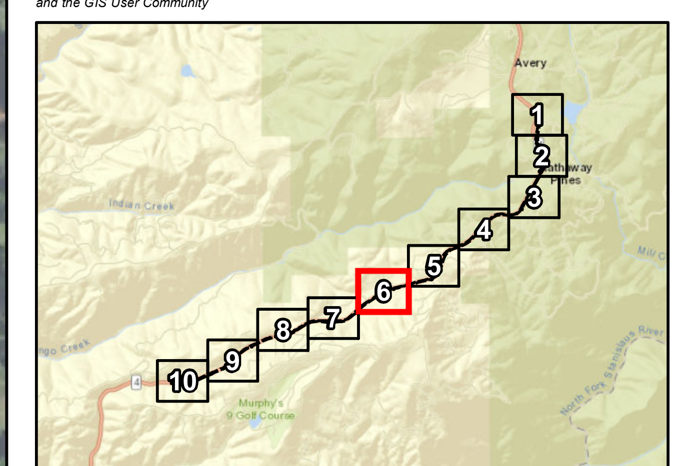

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Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

Figure 2.7. Temporary Impacts[1]
Sheet 7 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project Components

- Water Main
- Existing Water Line (to be left in place)

[1] *Subject to U.S. Army Corps of Engineers verification. This exhibit depicts information and data produced in accord with the wetland delineation methods described in the 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region Version 2.0 as well as the Updated Map and Drawing Standards for the South Pacific Division Regulatory Program as amended on February 10, 2016, and conforms to Sacramento District specifications. However, feature boundaries have not been legally surveyed and may be subject to minor adjustments if more accurate locations are required.*
** The acreage value for each feature has been rounded to the nearest 1/1000 decimal. Summation of these values may not equal the total potential Waters of the U.S. acreage reported.*

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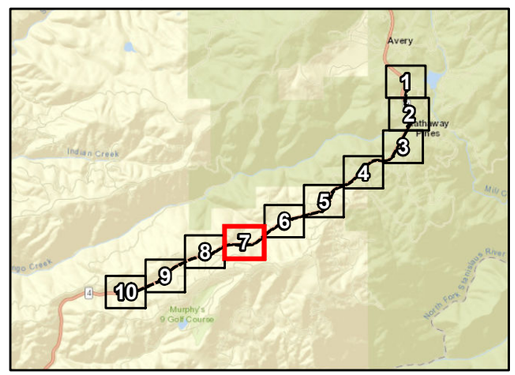

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ECORP: N:\2017\2017-108 CCWD EBBETTS PASS\MAPS\PRESERVE_IMPACTWATERS_V1\CCWDEP_WATERSIMP_20180607_401_AND_1602VERSIONS.MXD(JDS/AMM) -JSWAGER 5/8/2018

2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

Figure 2.8. Temporary Impacts[1]
Sheet 8 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project G Waters Impacts (0.060 acres)

- Seep (0.060 acres)

Project Components

- Water Main
- Bore Pit
- Existing Water Line (to be left in place)

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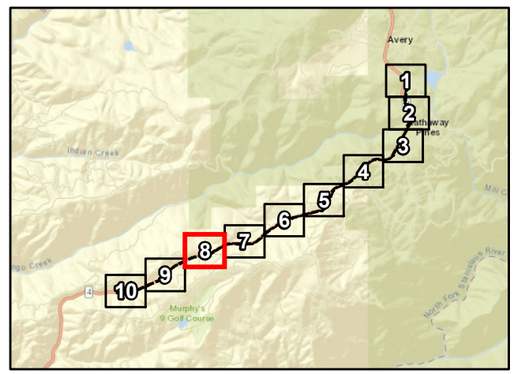

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2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

Figure 2.9. Temporary Impacts[1]
Sheet 9 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project H Waters Impacts (0.0004 acres)

- Ephemeral Drainage (0.0004 acres)

Project Components

- Water Main
- Existing Water Line (to be left in place)

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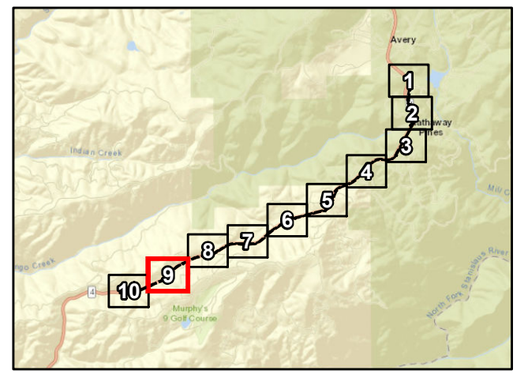
** The acreage value for each feature has been rounded to the nearest 1/1000 decimal. Summation of these values may not equal the total potential Waters of the U.S. acreage reported.*



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2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

Figure 2.10. Temporary Impacts[1]
Sheet 10 of 10

Map Features

- Project Boundary - 25.2 acres
- Reference Coordinate (NAD83)
- Existing Culvert

Project I Waters Impacts * (0.011 acres)

- Intermittent Drainage (0.001 acres)
- Ephemeral Drainage (0.003 acres)
- Ditch (0.008 acres)

Project Components

- Water Main
- Existing Water Line (to be left in place)
- Storm Drain

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** The acreage value for each feature has been rounded to the nearest 1/1000 decimal. Summation of these values may not equal the total potential Waters of the U.S. acreage reported.*

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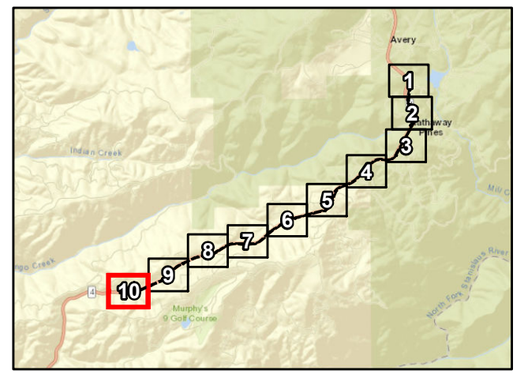

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2017-108 CCWD Ebbetts Pass

Scale in Feet
0 200

Photo Source: NAIP, 2016
Boundary and Design Source: KASL (20180418)
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet

Map Date: 5/8/2018

LIST OF ATTACHMENTS

Attachment A – Fee Calculator

Electronic Documents:

Attachment B – Pre-Construction Notification Request for Authorization under Nationwide Permit No. 12

Attachment C – 1602 Streambed Alteration Agreement

Attachment D – CEQA Documentation

Attachment E – Biological Resources Assessment

Attachment F – Supplemental Information

ATTACHMENT A

Fee Calculator

FY 17/18 Water Quality Certification Dredge and Fill Application Fee Calculator

See instructions below and use this calculator to estimate Water Quality Certification application fees

This calculator is publicly available for informational purposes only for applications determined to be complete on or after November 7, 2017. Applicants may use the calculator to generate estimates for project budgeting. The State Water Board does not guarantee the accuracy of estimates generated by the calculator. The final fee amount will be determined by Water Boards staff in accordance with California Code of Regulations, Title 23, section 2200(a)(3). The State Water Board reserves the right to modify the calculator at any time. **Click here** for a link to the current regulations.

Important note for federal dischargers: This calculator may not be applicable to projects on federal land.

Please contact the State Water Board 401 manager with any questions

Combination Project: *Check box for combination deep water dredging and fill projects; which are subject to both Category A and B fees.* ☐

	Discharge Size		Project* Fee *category A only	Annual Fee
Category A Fill & Excavation Discharges ***(Fee Code 84)***				
Discharge Area Acres x $13,268	0.18	**$1,500**	**$941**	**$1,500**
Category B Dredging Discharges ***(Fee Code 86)***				***Expected annual fee***
Expected Annual Dredge Quantity Cubic Yards x $0.328		**$0**	-	**$0**

****Category B Projects are billed annually and based on the quantity of material dredged during the previous fiscal year***

Flat Fee Categories - Check ONE applicable box		Application Fee	Annual Fee
Category C ***(Fee Code 85)***			
Sand Mining Dredging Discharges	☐	**$0**	**$0**
Category D ***(Fee Code 85)***			
Ecological Restoration and Enhancement Projects	☐	**$0**	- **$0**
Category E ***(Fee Code 87)***			
Low Impact Discharges	☐	**$0**	- **$0**
Category G ***(Fee Code 85)***			
Emergency Projects authorized by a General Order	☐	**$0**	- **$0**

Amended Orders - Check applicable box

See Step 5 below for full sub-category descriptions		
(a) Minor project changes	☐	
(b) Changes to project eligible for flat fees (fee categories C and D) where technical analysis is needed to assure continuing eligibility	☐	**$0**
(c) Project changes **not** involving an increased discharge amount, but requiring some technical analysis	☐	**$0**
(d) Project changes involving an increased discharge amount and requiring some technical analysis. Enter the discharge quantity **difference** from the previously certified discharge quantity into category A or B above	☐	
(e) Major project changes requiring an essentially new analysis and re-issuance of WDR's or water quality certification.	☐	

Total Fees	
Application Fee Due with application	$1,500
Project Fee (Category A Only) Due prior to certification	$941
Annual Fee Invoiced Annually	$1,500

ELECTRONIC DOCUMENTS

Attachment B – Pre-Construction Notification Request for Authorization under Nationwide Permit No. 12

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