

Central Valley Regional Water Quality Control Board

27 December 2016

Benjamin Ruiz, Jr.
Tulare County RMA Interim Director
5961 S. Mooney Blvd
Visalia, CA 93277-9394

**CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER FOR
BALCH PARK ROAD OVER RANCHERIA CREEK BRIDGE PROJECT (WDID
5C54CR00088), TULARE COUNTY**

Enclosed please find a Clean Water Act Section 401 Water Quality Certification and Order, authorized by Central Valley Regional Water Quality Control Board Executive Officer, Pamela C. Creedon. This Order is issued to County of Tulare for the Balch Park Road Over Rancheria Creek Bridge Project (Project). Attachments A through E of the Enclosure are also part of the Order.

This Order is issued in response to an application submitted by County of Tulare for proposed Project discharge to waters of the state, to ensure that the water quality standards for all waters of the state impacted by the Project are met. You may proceed with your Project according to the terms and conditions of the enclosed Order.

If you require further assistance, please contact me by phone at 559-445-6281 or by email at debra.mahnke@waterboards.ca.gov. You may also contact Matt Scroggins, Senior Engineer, by phone at 559-445-6042 or by email at matt.scroggins@waterboards.ca.gov.

A handwritten signature in cursive script that reads "Debra Mahnke".

Debra Mahnke
Water Resource Control Engineer
Central Valley Water Quality Control Board

Enclosures (2): Order for Balch Park Road Over Rancheria Creek Bridge Project
Water Quality Order No. 2003-0017-DWQ

cc: See following page

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Central Valley Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: 27 December 2016	Reg. Meas. ID: 407414
Program Type: Fill/Excavation	Place ID: 826079
Project Type: Bridges, Overpasses and Crossings	WDID: 5C54CR00088
	USACOE#: SPK-2016-00516

Project: Balch Park Road Over Rancheria Creek Bridge Project (Project)

Applicant : County of Tulare

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If you have any questions, please call Central Valley Regional Water Quality Control Board (Central Valley Water Board) Staff listed above or (559) 445-5116 and ask to speak with the Water Quality Certification and Wetlands Unit Program Manager.

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I. Order

This Clean Water Act (CWA) section 401 Water Quality Certification action and Order (Order) is issued at the request of County of Tulare (hereinafter Permittee) for the Project. This Order is for the purpose described in application submitted by the Permittee. The application was received on July 6, 2016. The application was deemed complete on August 3, 2016.

II. Public Notice

The Central Valley Water Board provided public notice of the application pursuant to California Code of Regulations, title 23, section 3858 from July 15, 2016 to August 5, 2016. The Central Valley Water Board did not receive any comments during the comment period.

III. Project Purpose

Tulare County, in cooperation with Caltrans, proposes to replace the existing un-signalized, bidirectional, one-lane bridge crossing on Balch Park Road over Rancheria Creek (Bridge No. 46C-0162) with a two-lane bridge structure to provide improved safety and operations on the facility.

IV. Project Description

The existing Balch Park Road (Bear Creek Road) Over Rancheria Creek Bridge is located approximately 8 miles north of SR-190 just west of the Mountain Home State Forest border within Tulare County. At the existing bridge location, Bear Creek Road narrows to an 11-foot clear width single lane. The proposed bridge replacement will widen the functionally obsolete existing structure to 24-foot clear width between Type-80 concrete barriers. The existing structure measures approximately 32-feet in length. The proposed structure will measure approximately 72-feet in length supported on 30-inch Cast-In-Drilled-Hole (CIDH) piles to minimize foundation costs while conforming to the adjacent natural channel existing grading, simultaneously eliminating the more hydraulically constrictive existing structure.

V. Project Location

The Project is located on Balch Park Road, northeast of the community of Springville, in unincorporated Tulare County. Latitude: 36.219994°, Longitude: -118.76417°. Maps showing the Project location are found in Attachment A of this Order.

VI. Project Impact and Receiving Waters Information

The Project is located within the jurisdiction of Central Valley Regional Water Quality Control Board. Receiving waters and groundwater potentially impacted by this Project are protected in accordance with the applicable water quality control plan (Basin Plan) for the region and other plans and policies which may be accessed online at: http://www.waterboards.ca.gov/plans_policies/. The Basin Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies.

Project impact and receiving waters information can be found in Attachment B. Table 1 of Attachment B shows the receiving waters and beneficial uses of waters of the state impacted by the Project. Individual impact location and quantity is shown in Table 2 of Attachment B.

VII. Description of Direct Impacts to Waters of the State

Total Project fill/excavation quantities for all impacts are summarized in Table 1. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition only.

Table 1: Total Project Fill/Excavation Quantity									
Aquatic Resource Type	Temporary Impact¹			Permanent Impact					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	CY ²	LF ²	Acres	CY ²	LF ²	Acres	CY ²	LF ²
Stream Channel	0.004	--	90	0.02	--	55	--	--	--
Riparian	0.04	--	90	0.02	--	55	--	--	--

VIII. Avoidance and Minimization

The Rancheria Creek channel will be graded to restore natural channel contours. Rock slope protection is necessary around the bridge abutments for scour protection, but will not be placed below the ordinary high watermark.

IX. Compensatory Mitigation

Not required for permanent impact under 0.1 acre.

X. California Environmental Quality Act (CEQA)

On 11 October 2016, the County of Tulare, as lead agency, adopted an initial study/mitigated negative declaration (State Clearinghouse No. 2016031049) for the Project and filed a Notice of Determination at the Tulare County Clerk's Office on 13 October 2016. Pursuant to CEQA, the Central Valley Water Board has made Findings of Facts (Findings) which support the issuance of this Order and are included in Attachment E.

XI. Petitions for Reconsideration

Any person aggrieved by this action may petition the State Water Board to reconsider this Order in accordance with California Code of Regulations, title 23, section 3867. A petition for reconsideration must be submitted in writing and received within 30 calendar days of the issuance of this Order.

XII. Fees Received

An application fee of \$200 was received on July 6, 2016. 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 E - Low Impact Discharges (fee code 19) with the dredge and fill fee calculator.

¹ Includes only temporary direct impacts to waters of the state and does not include upland areas of temporary disturbance which could result in a discharge to waters of the state.

² Cubic Yards (CY); Linear Feet (LF)

XIII. Conditions

The Central Valley Water Board has independently reviewed the record of the Project to analyze impacts to water quality and designated beneficial uses within the watershed of the Project. In accordance with this Order, the Permittee may proceed with the Project under the following terms and conditions:

A. Authorization

Impacts to waters of the state shall not exceed quantities shown in Table 1.

B. Reporting and Notification Requirements

The following section details the reporting and notification types and timing of submittals. Requirements for the content of these reporting and notification types are detailed in Attachment C, including specifications for photo and map documentation during the Project. Written reports and notifications must be submitted using the Reporting and Notification Cover Sheet located in Attachment C, which must be signed by the Permittee or an authorized representative.

1. Project Status Notifications

- a. **Commencement of Construction:** The Permittee shall submit a Commencement of Construction Report at least seven (7) days prior to start of initial ground disturbance activities.
- b. **Request for Notice of Completion of Discharges Letter:** The Permittee shall submit a Request for Notice of Completion of Discharges Letter following completion of active Project construction activities, including any required restoration and permittee-responsible mitigation. This request shall be submitted to the Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities. Upon acceptance of the request, Central Valley Water Board staff shall issue a Notice of Completion of Discharges Letter to the Permittee which will end the active discharge period and associated annual fees.
- c. **Request for Notice of Project Complete Letter:** The Permittee shall submit a Request for Notice of Project Complete Letter when construction and/or any post-construction monitoring is complete,³ and no further Project activities will occur. This request shall be submitted to Central Valley Water Board staff within thirty (30) days following completion of all Project activities. Upon approval of the request, the Central Valley Water Board staff shall issue a Notice of Project Complete Letter to the Permittee which will end the post discharge monitoring period and associated annual fees.

2. **Conditional Notifications and Reports:** The following notifications and reports are required as appropriate.

³ Completion of post-construction monitoring shall be determined by Central Valley Water Board staff and shall be contingent on successful attainment of restoration and mitigation performance criteria.

a. Accidental Discharges of Hazardous Materials⁴

Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Wat. Code, § 13271):

- i. As soon as (A) Permittee has knowledge of the discharge or noncompliance, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures then:
 - first call – 911 (to notify local response agency)
 - then call – Office of Emergency Services (OES) State Warning Center at: (800) 852-7550 or (916) 845-8911
 - Lastly follow the required OES procedures as set forth in: http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill_Booklet_Feb2014_FINAL_BW_Acc.pdf
- ii. Following notification to OES, the Permittee shall notify Central Valley Water Board, as soon as practicable (ideally within 24 hours). Notification may be via telephone, e-mail, delivered written notice, or other verifiable means.
- iii. Within five (5) working days of notification to the Central Valley Water Board, the Permittee must submit an Accidental Discharge of Hazardous Material Report.

b. Violation of Compliance with Water Quality Standards: The Permittee shall notify the Central Valley Water Board of any event causing a violation of compliance with water quality standards. Notification may be via telephone, e-mail, delivered written notice, or other verifiable means.

- i. Examples of noncompliance events include: lack of storm water treatment following a rain event, discharges causing a visible plume in a water of the state, and water contact with uncured concrete.
- ii. This notification must be followed within three (3) working days by submission of a Violation of Compliance with Water Quality Standards Report.

c. Modifications to Project

Project modifications may require an amendment of this Order. The Permittee shall give advance notice to Central Valley Water Board staff if Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority by submitting a Modifications to Project Report. The Permittee shall inform Central Valley Water Board staff of any Project modifications that will interfere with the Permittee's compliance with this Order.

⁴ "Hazardous material" means any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. "Hazardous materials" include, but are not limited to, hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment. (Health & Saf. Code, § 25501.)

C. Water Quality Monitoring

1. **General:** If surface water is present, continuous visual surface water monitoring shall be conducted during active construction periods to detect accidental discharge of construction related pollutants (e.g. oil and grease, turbidity plume, or uncured concrete).
2. **Accidental Discharges/Noncompliance:** Upon occurrence of an accidental discharge of hazardous materials or a violation of compliance with a water quality standard, Central Valley Water Board staff may require water quality monitoring based on the discharge constituents and/or related water quality objectives and beneficial uses.

3. **In-Water Work or Diversions:**

During planned work in water or stream diversions any discharge(s) to waters of the state shall conform to the following water quality standards:

- a. Activities shall not cause the pH in surface waters to be depressed below 6.5 nor raised above 8.3.
- b. Activities shall not cause in surface waters:
 - i. where natural turbidity is between 0 and 5 Nephelometric Turbidity Units (NTUs), increases exceeding 1 NTU;
 - ii. where natural turbidity is between 5 and 50 NTUs, increases exceeding 20 percent;
 - iii. where natural turbidity is between 50 and 100 NTUs, increases exceeding 10 NTUs;
 - iv. where natural turbidity is greater than 100 NTUs, increases exceeding 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. Sampling shall be conducted in accordance with Table 2 sampling parameters.⁵ The sampling requirements in Table 2 shall be conducted upstream out of the influence of the Project, and approximately 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. A surface water monitoring report shall be submitted within two weeks of initiation of in-water construction, and every two

⁵ 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. Grab samples shall be taken between the surface and mid-depth and not be collected at the same time each day to get a complete representation of variations in the receiving water. A hand-held field meter may be used, provided the meter utilizes a U.S. EPA-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.

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

Parameter	Unit of Measurement	Type of Sample	Minimum Frequency
pH	Standard Units	Grab	Every 4 hours during in-water work
Turbidity	NTU	Grab	Every 4 hours during in-water work

- 4. Post-Construction:** Visually inspect the Project site during the rainy season for one year to ensure excessive erosion, stream instability, or other water quality pollution is not occurring in or downstream of the Project site. If water quality pollution is occurring, contact the Central Valley Water Board staff member overseeing the Project within three (3) working days. The Central Valley Water Board may require the submission of a Violation of Compliance with Water Quality Standards Report. Additional permits may be required to carry out any necessary site remediation.

D. Standard

1. This Order is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330, and California Code of Regulations, title 23, chapter 28, Article 6 commencing with sections 2050-2068, inclusive. Additionally, the Central Valley Water Board reserves the right to suspend, cancel, or modify and reissue this Order, after providing notice to the Permittee, if the Central Valley Water Board determines that: the Project fails to comply with any of the conditions of this Order; or, when necessary to implement any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.) or federal Clean Water Act section 303 (33 U.S.C. § 1313). For purposes of Clean Water Act section 401(d), the condition constitutes a limitation necessary to assure compliance with water quality standards and appropriate requirements of state law.
2. This Order is not intended and shall not be construed to apply to 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 subsection 3855(b) of chapter 28, title 23 of the California Code of Regulations, and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

3. This Order is conditioned upon total payment of any fee required under title 23 of the California Code of Regulations and owed by the Permittee.
4. In the event of any violation or threatened violation of the conditions of this Order, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under state and federal law. For purposes of Clean Water Act, section 401(d), the applicability of any state law authorizing remedies, penalties, processes, or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Order.

E. General Compliance

1. Failure to comply with any condition of this Order shall constitute a violation of the Porter-Cologne Water Quality Control Act and the Clean Water Act. The Permittee and/or discharger may then be subject to administrative and/or civil liability pursuant to Water Code section 13385.
2. Permitted actions must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving waters as adopted in the Basin Plans by any applicable Central Valley Water Board or any applicable State Water Board (collectively Water Boards) water quality control plan or policy. The source of any such discharge must be eliminated as soon as practicable.
3. In response to a suspected violation of any condition of this Order, the Central Valley Water Board may require the holder of this Order to furnish, under penalty of perjury, any technical or monitoring reports the Water Boards deem appropriate, provided that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. The additional monitoring requirements ensure that permitted discharges and activities comport with any applicable effluent limitations, water quality standards, and/or other appropriate requirement of state law.
4. The Permittee must, at all times, fully comply with engineering plans, specifications, and technical reports submitted to support this Order; and all subsequent submittals required as part of this Order. The conditions within this Order and Attachments supersede conflicting provisions within Permittee submittals.
5. This Order and all of its conditions contained herein continue to have full force and effect regardless of the expiration or revocation of any federal license or permit issued for the Project. For purposes of Clean Water Act, section 401(d), this condition constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements of state law.
6. **Construction General Permit Requirement:** The Permittee shall maintain compliance with conditions described in, and required by, NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ; NPDES No. CAS000002).

F. Administrative

1. Signatory requirements for all document submittals required by this Order are presented in Attachment D of this Order.

2. This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish & G. Code, §§ 2050-2097) or the federal Endangered Species Act (16 U.S.C. §§ 1531-1544). If a “take” will result from any act authorized under this Order held by the Permittee, the Permittee must obtain authorization for the take prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.
3. The Permittee shall grant Central Valley Water Board staff, or an authorized representative (including an authorized contractor acting as a Water Board representative), upon presentation of credentials and other documents as may be required by law, permission to:
 - a. Enter upon the Project or compensatory mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records are kept.
 - b. Have access to and copy any records that are kept and are relevant to the Project or the requirements of this Order.
 - c. Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.
 - d. Sample or monitor for the purposes of assuring Order compliance.
4. A copy of this Order shall be provided to any consultants, contractors, and subcontractors working on the Project. Copies of this Order shall remain at the Project site for the duration of this Order. The Permittee shall be responsible for work conducted by its consultants, contractors, and any subcontractors.
5. A copy of this Order must be available at the Project site(s) during construction for review by site personnel and agencies. All personnel performing work on the Project shall be familiar with the content of this Order and its posted location at the Project site.
6. Lake and Streambed Alteration Agreement – The Permittee shall submit a signed copy of the Department of Fish and Wildlife’s lake and streambed alteration agreement to the Central Valley Water Board immediately upon execution and prior to any discharge to waters of the state.

G. Construction

1. Construction equipment shall not be operated in flowing water.
2. Activities shall not cause visible oil, grease, or foam in the stream channel.
3. Refueling of equipment within the floodplain or within 300 feet of the stream channel is prohibited. If critical equipment must be refueled within 300 feet of the stream channel, spill prevention and countermeasures shall 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 the stream channel. 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.

4. The Permittee 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.
5. 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 Permittee shall notify the Central Valley Water Board Contact within 24-hours of the discharge.
6. Silt fencing, straw wattles, or other effective management practices shall be used along the construction zone to minimize soil or sediment along the embankments from migrating into the stream channel through the entire duration of the Project.
7. The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the Project area.
8. All areas disturbed by Project activities shall be protected from washout and erosion.
9. All temporarily affected areas shall be restored to pre-construction contours and conditions upon completion of construction activities.
10. All materials resulting from the Project shall be removed from the site and disposed of properly.
11. Hydroseeding shall be performed with California native seed mix approved by the California Department of Fish and Wildlife.
12. 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.
13. 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.

H. Mitigation for Temporary Impacts

The Permittee shall restore all areas of temporary impacts to waters of the state and all Project site upland areas of temporary disturbance which could result in a discharge of waters of the state to their pre-existing contours with no spoils left behind.

Aquatic Resource Type	Mit. Type ⁷	Units	Method ⁸					
			Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Stream Channel	PR	Acres	--	--	0.004	--	--	--
Riparian	PR	Acres	--	--	0.04	--	--	--

XIV. Water Quality Certification

I hereby issue the Order for the Balch Park Road Over Rancheria Creek Bridge Project, 5C54CR00088, certifying that as long as all of the conditions listed in this Order are met, any discharge from the referenced Project will comply with the applicable provisions of Clean Water Act sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards).

The Central Valley Water Board will file a Notice of Exemption (NOE) at the SCH within five (5) working days of issuance of this Order. This discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ which authorizes this Order to serve as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.).

Except insofar as may be modified by any preceding conditions, all Order actions are contingent on: (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the conditions of this Order and the attachments to this Order; and, (b) compliance with all applicable requirements of Statewide Water Quality Control Plans and Policies, the Regional Water Boards' Water Quality Control Plans and Policies.

Clay L. Rodgers
 for Pamela C. Creedon
 Executive Officer
 Central Valley Water Quality Control Board

12/27/2016
 Date

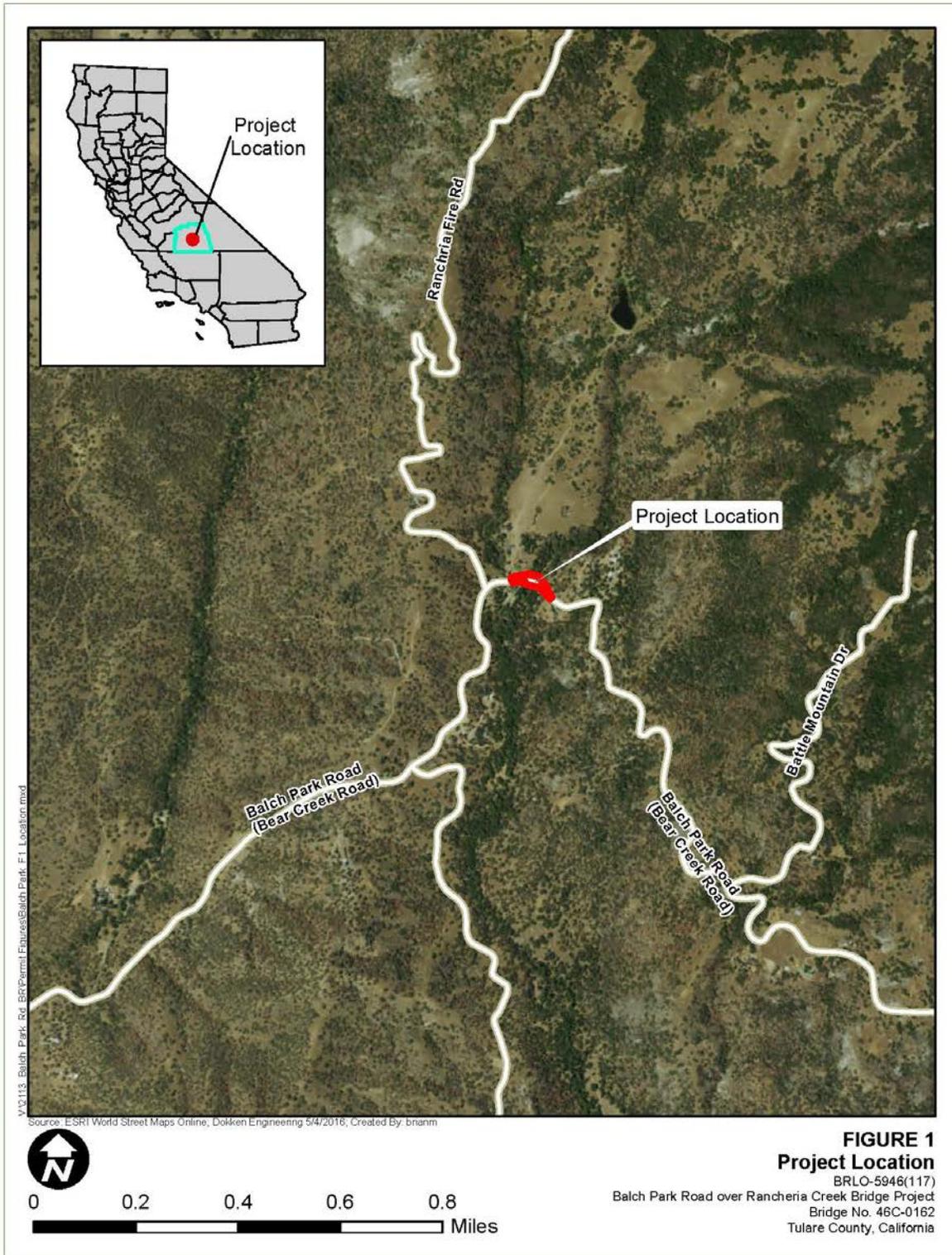
⁶ For Staff use only: Record quantities in CIWQS table side B for mitigation for temporary impacts and for permanent degradation of ecological condition; ecological restoration/enhancement projects.

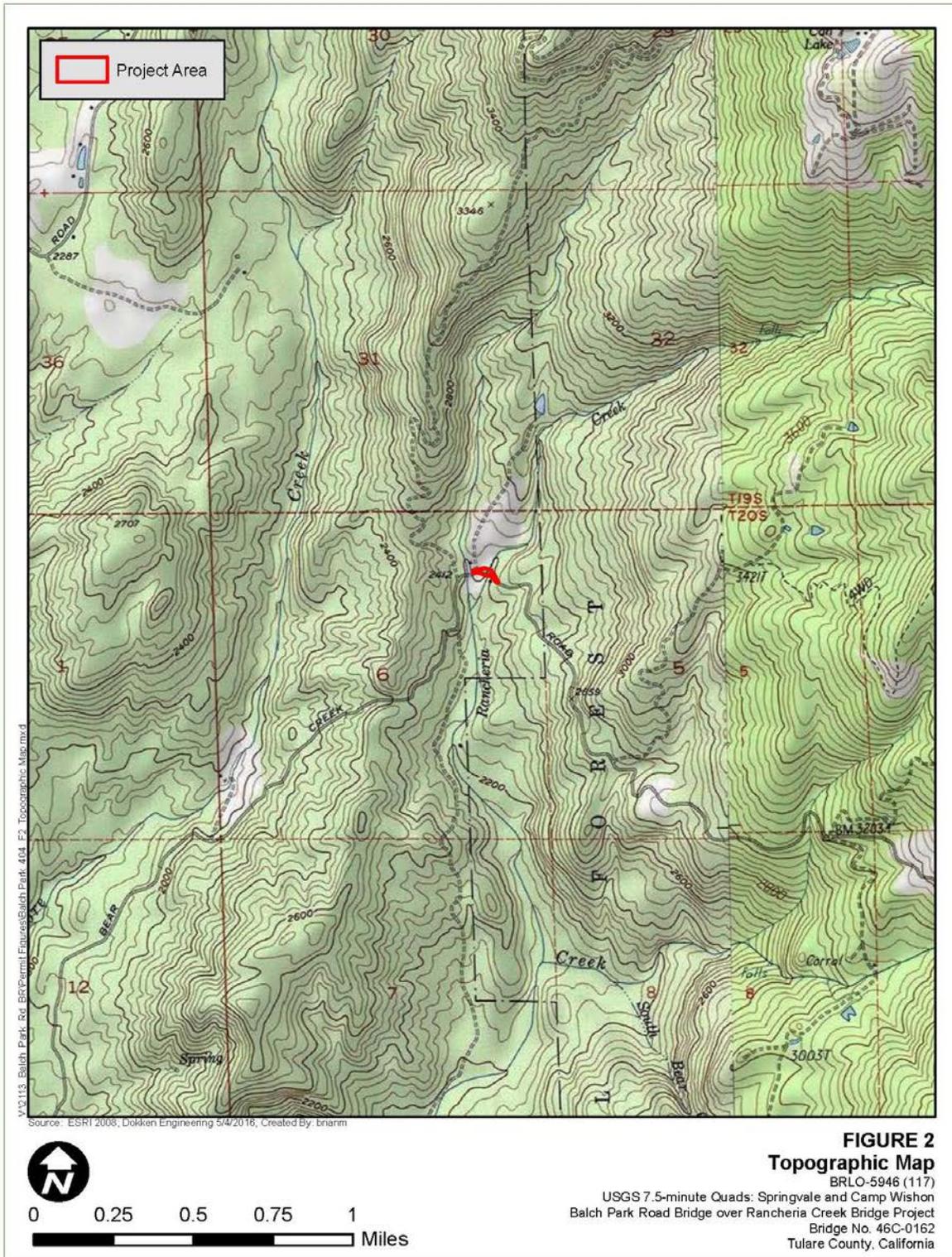
⁷ Mitigation type for onsite restoration of temporary impacts is Permittee Responsible (PR).

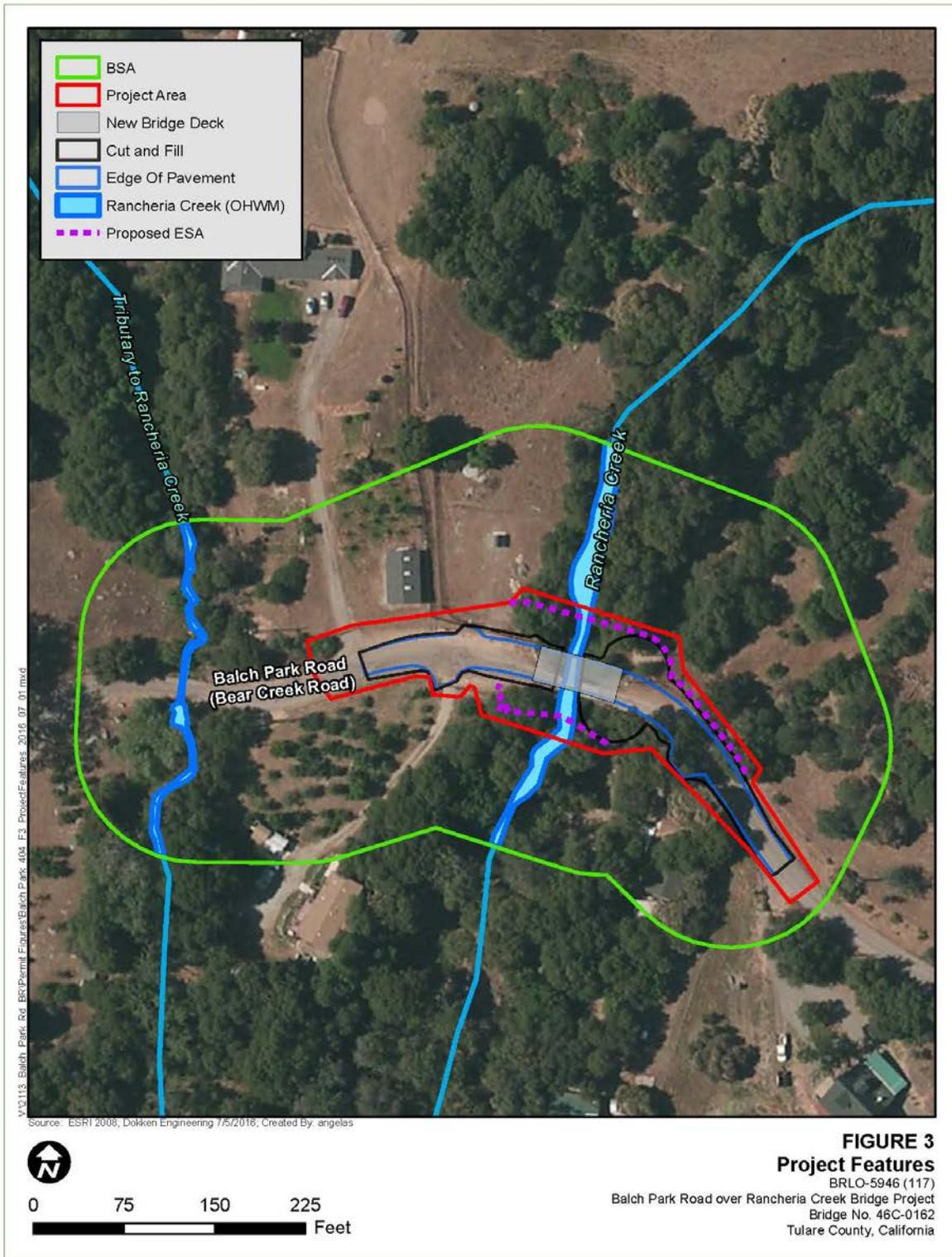
⁸ Methods: establishment (Est.), reestablishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.

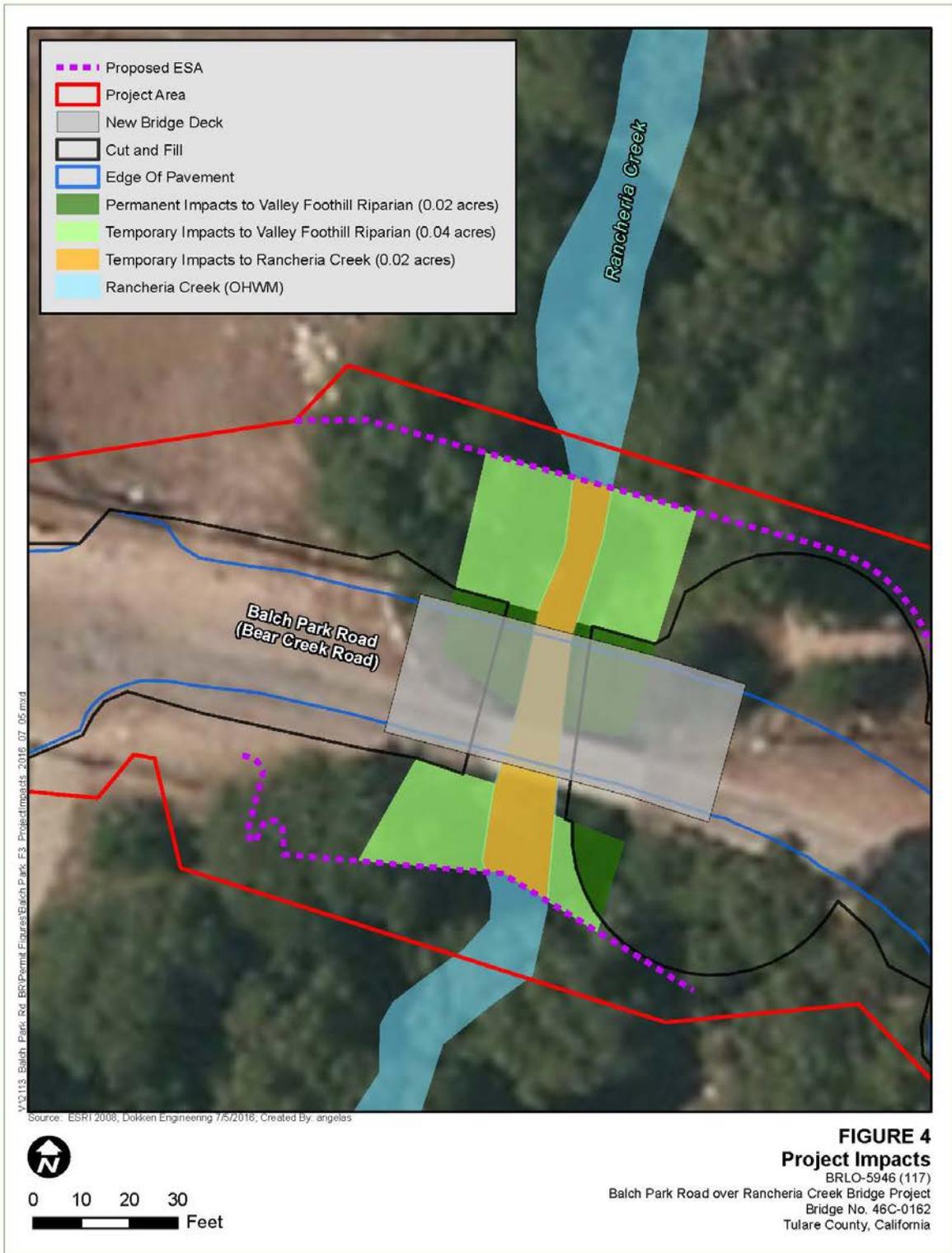
- Attachment A** Project Maps
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Receiving Waters

The following table shows the receiving waters associated with each impact and Permittee responsible mitigation site.

Table 1: Receiving Water(s) Information							
Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
001, 002	<i>Rancheria Creek</i>	<i>Un-vegetated stream channel, riparian</i>	555.12	<i>Rancheria Creek, tributary to Bear Creek and North Fork Tule River</i>	<i>MUN, AGR, POW, REC-1, REC-2, WARM, COLD, WILD, RARE, SPWN, FRSH</i>	<i>N/A</i>	<i>N/A</i>

¹ California Rapid Assessment Method (CRAM) score of impacted sites provided by the Permittee.

Individual Direct Impact Locations

The following table shows individual impact locations.

Table 2: Individual Direct Impact Information											
Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation		Direct Impact Duration	Dredge			Fill/Excavation		
			Yes	No		Acres	Cubic Yards	Linear Feet	Acres	Cubic Yards	Linear Feet
001- Unvegetated Stream Channel	36.219994	-118.76417	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.004		90
					Permanent		1.4		0.02		15
002- Riparian Vegetation	36.219994	-118.76417	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.04		90
					Permanent				0.02		55

Compensatory Mitigation Information

The following table(s) show(s) individual compensatory mitigation information and locations.

Permittee Responsible Compensatory Mitigation Site Information

Table 3: Onsite Permittee Responsible Compensatory Mitigation						
Impact Site ID	Lat.	Long.	Aquatic Resource Type	Mitigation Method	Mitigation Quantity	
					Acres	Linear Feet
001- Removal of abutments	36.219994	-118.76417	Streambed	Onsite restoration	0.004	90
002- Re-grading of channel	36.219994	-118.76417	Riparian	Onsite restoration	0.04	90

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Copy of this Form

In order to identify your project, it is necessary to include a copy of the Project specific Cover Sheet below with your report: please retain for your records.

Report Submittal Instructions

1. Check the box on the Report and Notification Cover Sheet next to the report or notification you are submitting (**see your Order for specific reports required for your Project**).
 - **Part A (Annual Report):** This report will be submitted annually from the anniversary of Project effective date until a Notice of Project Complete Letter is issued, if required.
 - **Part B (Project Status Notifications):** Used to notify the Central Valley Water Board of the status of the Project schedule that may affect Project billing.
 - **Part C (Conditional Notifications and Reports):** Required on a case by case basis for accidental discharges of hazardous materials, violation of compliance with water quality standards, notification of in-water work, or other reports.
2. Sign the Report and Notification Cover Sheet and attach all information requested for the Report Type.
3. **Electronic Report Submittal Instructions:**
 - Submit signed Report and Notification Cover Sheet and required information via email to:

centralvalleyfresno@waterboards.ca.gov and cc: debra.mahnke@waterboards.ca.gov
 - Include in the subject line of the email:
Subject: ATTN: 401 Certification ; Reg. Measure ID: 407414_Report

Definition of Reporting Terms

1. **Active Discharge Period:** The active discharge period begins with the effective date of this Order and ends on the date that the Permittee receives a Notice of Completion of Discharges Letter or, if no post-construction monitoring is required, a Notice of Project Complete Letter. The Active Discharge Period includes all elements of the Project including site construction and restoration, and any Permittee responsible compensatory mitigation construction.
2. **Request for Notice of Completion of Discharges Letter:** This request by the Permittee to the Central Valley Water Board staff pertains to projects that have post construction monitoring requirements, e.g. if site restoration was required to be monitored for 5 years following construction. Central Valley Water Board staff will review the request and send a Completion of Discharges Letter to the Permittee upon approval. This letter will initiate the post-discharge monitoring period and a change in fees from the annual active discharge fee to the annual post-discharge monitoring fee.
3. **Request for Notice of Project Complete Letter:** This request by the Permittee to the Central Valley Water Board staff pertains to projects that either have completed post-construction monitoring and achieved performance standards or have no post-construction monitoring requirements, and no further

Project activities are planned. Central Valley Water Board staff will review the request and send a Project Complete Letter to the Permittee upon approval. Termination of annual invoicing of fees will correspond with the date of this letter.

4. **Post-Discharge Monitoring Period:** The post-discharge monitoring period begins on the date of the Notice of Completion of Discharges Letter and ends on the date of the Notice of Project Complete Letter issued by the Central Valley Water Board staff. The Post-Discharge Monitoring Period includes continued water quality monitoring or compensatory mitigation monitoring.
5. **Effective Date:** Date of Order issuance.

Map/Photo Documentation Information

When submitting maps or photos, please use the following formats.

1. **Map Format Information:**

Preferred map formats of at least 1:24000 (1" = 2000') detail (listed in order of preference):

- **GIS shapefiles:** The shapefiles must depict the boundaries of all project areas and extent of aquatic resources impacted. Each shape should be attributed with the extent/type of aquatic resources impacted. Features and boundaries should be accurate to within 33 feet (10 meters). Identify datum/projection used and if possible, provide map with a North American Datum of 1983 (NAD38) in the California Teale Albers projection in feet.
- **Google KML files** saved from Google Maps: My Maps or Google Earth Pro. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. Include URL(s) of maps. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
- **Other electronic format** (CAD or illustration format) that provides a context for location (inclusion of landmarks, known structures, geographic coordinates, or USGS DRG or DOQQ). Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
- Aquatic resource maps marked on paper **USGS 7.5 minute topographic maps** or **Digital Orthophoto Quarter Quads (DOQQ)** printouts. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.

2. **Photo-Documentation:** Include a unique identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.

REPORT AND NOTIFICATION COVER SHEET

Project: Balch Park Road Over Rancheria Creek Bridge Project
Permittee: County of Tulare
Reg. Meas. ID: 407414 **Place ID:** 826079
Order Effective Date: 27 December 2016

Report Type Submitted

Part A – Project Reporting

Report Type 1 **Monthly Report**
Report Type 2 **Annual Report**

Part B - Project Status Notifications

Report Type 3 **Commencement of Construction**
Report Type 4 **Request for Notice of Completion of Discharges Letter**
Report Type 5 **Request for Notice of Project Complete Letter**

Part C - Conditional Notifications and Reports

Report Type 6 **Accidental Discharge of Hazardous Material Report**
Report Type 7 **Violation of Compliance with Water Quality Standards Report**
Report Type 8 **In-Water Work/Diversions Water Quality Monitoring Report**
Report Type 9 **Modifications to Project Report**
Report Type 10 **Transfer of Property Ownership Report**
Report Type 11 **Transfer of Long-Term BMP Maintenance Report**

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Print Name¹

Affiliation and Job Title

Signature

Date

¹STATEMENT OF AUTHORIZATION (include if authorization has changed since application was submitted)

I hereby authorize _____ to act in my behalf as my representative in the submittal of this report, and to furnish upon request, supplemental information in support of this submittal.

Permittee's Signature

Date

***This Report and Notification Cover Sheet must be signed by the Permittee or a duly authorized representative and included with all written submittals.**

Part A – Project Reporting (see your Order for specific reports required for your Project)

Report Type 1	Monthly Report
Report Purpose	Notifies Central Valley Water Board staff of the Project status and environmental compliance activities on a monthly basis.
When to Submit	Beginning 60 days from beginning of construction until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	<ol style="list-style-type: none"> 1. Construction Summary Describe Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water Best Management Practices (BMPs¹). If construction has not started, provide estimated start date. 2. Event Summary Describe distinct Project activities and occurrences, including environmental monitoring, surveys, and inspections. 3. Photo Summary Provide photos of Project activities. For each photo, include a unique site identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions. 4. Compliance Summary <ol style="list-style-type: none"> a) List name and organization of environmental surveyors, monitors, and inspectors involved with monitoring environmental compliance for the reporting period. b) List associated monitoring reports for the reporting period. c) Summarize observed incidences of non-compliance, compliance issues, minor problems, or occurrences. d) Describe each observed incidence in detail. List monitor name and organization, date, location, type of incident, corrective action taken (if any), status, and resolution.

¹ Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

Report Type 2	Annual Report
Report Purpose	Notify the Central Valley Water Board staff of Project status during both the active discharge and post-discharge monitoring periods.
When to Submit	Annual reports shall be submitted each year on the anniversary date of the Project effective. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	<p>The contents of the annual report shall include the topics indicated below for each project period. Report contents are outlined in Annual Report Topics below.</p> <p><u>During the Active Discharge Period</u></p> <ul style="list-style-type: none"> • Topic 1: Construction Summary • Topic 2: Mitigation for Temporary Impacts Status • Topic 3: Compensatory Mitigation for Permanent Impacts Status <p><u>During the Post-Discharge Monitoring Period</u></p> <ul style="list-style-type: none"> • Topic 2: Mitigation for Temporary Impacts Status • Topic 3: Compensatory Mitigation for Permanent Impacts Status
Annual Report Topics (1-3)	
Annual Report Topic 1	Construction Summary
When to Submit	With the annual report during the Active Discharge Period.
Report Contents	<ol style="list-style-type: none"> 1. Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water best management practices (BMPs). If construction has not started, provide estimated start date and reasons for delay. 2. Map showing general Project progress. 3. If applicable: <ol style="list-style-type: none"> a. Summary of Conditional Notification and Report Types 6 and 7 (Part C below). b. Summary of Certification Deviations. See Certification Deviation Attachment for further information.
Annual Report Topic 2	Mitigation for Temporary Impacts Status
When to Submit	With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.
Report Contents	<ol style="list-style-type: none"> 1. Planned date of initiation and map showing locations of mitigation for temporary impacts to waters of the state and all upland areas of temporary disturbance which could result in a discharge to waters of the state. 2. If mitigation for temporary impacts has already commenced, provide a map and information concerning attainment of performance standards contained in the restoration plan.

Annual Report Topic 3	Compensatory Mitigation for Permanent Impacts Status
When to Submit	With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.
Report Contents	<p>*If not applicable report N/A.</p> <p>Part A. Permittee Responsible</p> <ol style="list-style-type: none"> 1. Planned date of initiation of compensatory mitigation site installation. 2. If installation is in progress, a map of what has been completed to date. 3. If the compensatory mitigation site has been installed, provide a final map and information concerning attainment of performance standards contained in the compensatory mitigation plan. <p>Part B. Mitigation Bank or In-Lieu Fee</p> <ol style="list-style-type: none"> 1. Status or proof of purchase of credit types and quantities. 2. Include the name of bank/ILF Program and contact information. 3. If ILF, location of project and type if known.

Part B – Project Status Notifications (see your Order for specific reports required for your Project)

Report Type 3	Commencement of Construction
Report Purpose	Notify Central Valley Water Board staff prior to the start of construction.
When to Submit	Must be received at least seven (7) days prior to start of initial ground disturbance activities.
Report Contents	<ol style="list-style-type: none"> 1. Date of commencement of construction. 2. Anticipated date when discharges to waters of the state will occur. 3. Project schedule milestones including a schedule for onsite compensatory mitigation, if applicable.

Report Type 4	Request for Notice of Completion of Discharges Letter
Report Purpose	Notify Central Valley Water Board staff that post-construction monitoring is required and that active Project construction, including any mitigation and permittee responsible compensatory mitigation, is complete.
When to Submit	Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities.
Report Contents	<ol style="list-style-type: none"> 1. Status of storm water Notice of Termination(s), if applicable. 2. Status of post-construction storm water BMP installation. 3. Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized. 4. Summary of Certification Deviation discharge quantities compared to initial authorized impacts to waters of the state, if applicable. 5. An updated monitoring schedule for mitigation for temporary impacts to waters of the state and permittee responsible compensatory mitigation during the post-discharge monitoring period, if applicable.

Report Type 5	Request for Notice of Project Complete Letter
Report Purpose	Notify Central Valley Water Board staff that construction and/or any post-construction monitoring is complete, or is not required, and no further Project activity is planned.
When to Submit	Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project activities.
Report Contents	<p>Part A: Mitigation for Temporary Impacts</p> <ol style="list-style-type: none"> 1. A report establishing that the performance standards outlined in the restoration plan have been met for Project site upland areas of temporary disturbance which could result in a discharge to waters of the state. 2. A report establishing that the performance standards outlined in the restoration plan have been met for restored areas of temporary impacts to waters of the state. Pre- and post-photo documentation of all restoration sites. <p>Part B: Permittee Responsible Compensatory Mitigation</p> <ol style="list-style-type: none"> 3. A report establishing that the performance standards outlined in the compensatory mitigation plan have been met. 4. Status on the implementation of the long-term maintenance and management plan and funding of endowment. 5. Pre- and post-photo documentation of all compensatory mitigation sites. 6. Final maps of all compensatory mitigation areas (including buffers). <p>Part C: Post-Construction Storm Water BMPs</p> <ol style="list-style-type: none"> 7. Date of storm water Notice of Termination(s), if applicable. 8. Report status and functionality of all post-construction BMPs.

Part C – Conditional Notifications and Reports (see your Order for specific reports required for your Project)

Report Type 6	Accidental Discharge of Hazardous Material Report
Report Purpose	Notifies Central Valley Water Board staff that an accidental discharge of hazardous material has occurred.
When to Submit	Within five (5) working days following the date of an accidental discharge. Continue reporting as required by Central Valley Water Board staff.
Report Contents	1. The report shall include the OES Incident/Assessment Form, a full description and map of the accidental discharge incident (i.e. location, time and date, source, discharge constituent and quantity, aerial extent, and photo documentation). If applicable, the OES Written Follow-Up Report may be substituted.

	<ol style="list-style-type: none"> 2. If applicable, any required sampling data, a full description of the sampling methods including frequency/dates and times of sampling, equipment, locations of sampling sites. 3. Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.
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Report Type 7	Violation of Compliance with Water Quality Standards Report
Report Purpose	Notifies Central Valley Water Board staff that a violation of compliance with water quality standards has occurred.
When to Submit	The Permittee shall report any event that causes a violation of water quality standards within three (3) working days of the noncompliance event notification to Central Valley Water Board staff.
Report Contents	The report shall include: the cause; the location shown on a map; and the period of the noncompliance including exact dates and times. If the noncompliance has not been corrected, include: the anticipated time it is expected to continue; the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and any monitoring results if required by Central Valley Water Board staff.

Report Type 8	In-Water Work and Diversions Water Quality Monitoring Report
Report Purpose	Provides Central Valley Water Board staff of the results of monitoring.
When to Submit	Continue reporting in accordance with the approved water quality monitoring plan or as described in order.
Report Contents	As required by the approved water quality monitoring plan.

Report Type 9	Modifications to Project Report
Report Purpose	Notifies Central Valley Water Board staff if the Project, as described in the application materials, is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
When to Submit	If Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
Report Contents	A description and location of any alterations to Project implementation. Identification of any Project modifications that will interfere with the Permittee's compliance with the Order.

Report Type 10	Transfer of Property Ownership Report
Report Purpose	Notifies Central Valley Water Board staff of change in ownership of the Project or Permittee-responsible mitigation area.
When to Submit	At least 10 working days prior to the transfer of ownership.
Report Contents	1. A statement that the Permittee has provided the purchaser with a copy of

	<p>this Order and that the purchaser understands and accepts:</p> <ul style="list-style-type: none"> a. the Order's requirements and the obligation to implement them or be subject to administrative and/or civil liability for failure to do so; and b. responsibility for compliance with any long-term BMP² maintenance plan requirements in this Order. <p>2. A statement that the Permittee has informed the purchaser to submit a written request to the Central Valley Water Board to be named as the permittee in a revised order.</p>
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Report Type 11	Transfer of Long-Term BMP Maintenance Report
Report Purpose	Notifies Central Valley Water Board staff of transfer of long-term BMP maintenance responsibility.
When to Submit	At least 10 working days prior to the transfer of BMP maintenance responsibility.
Report Contents	A copy of the legal document transferring maintenance responsibility of post-construction BMPs.

² Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

Attachment D
Signatory Requirements

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SIGNATORY REQUIREMENTS

*All Documents Submitted In Compliance With This Order
Shall Meet The Following Signatory Requirements:*

1. All applications, reports, or information submitted to the Central Valley Water Quality Control Board (Central Valley Water Board) must be signed and certified as follows:
 - a) For a corporation, by a responsible corporate officer of at least the level of vice-president.
 - b) For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
 - c) For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.
2. A duly authorized representative of a person designated in items 1.a through 1.c above may sign documents if:
 - a) The authorization is made in writing by a person described in items 1.a through 1.c above.
 - b) The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
 - c) The written authorization is submitted to the State Water Board Staff Contact prior to submitting any documents listed in item 1 above.
3. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

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A. Environmental Review

On 11 October 2016, the County of Tulare, as lead agency, adopted an initial study/mitigated negative declaration (IS/MND) (State Clearinghouse (SCH) No. 2016031049) for the Project and filed a Notice of Determination (NOD) at the Tulare County Clerk's Office on 13 October 2016. The Central Valley Water Board is a responsible agency under CEQA (Pub. Resources Code, § 21069) and in making its determinations and findings, must presume that County of Tulare's adopted environmental document comports with the requirements of CEQA and is valid. (Pub. Resources Code, § 21167.3.) The Central Valley Water Board has reviewed and considered the environmental document and finds that the environmental document prepared by County of Tulare addresses the Project's water resource impacts. (Cal. Code Regs., tit. 14, § 15096, subd. (f).) The environmental document includes the mitigation monitoring and reporting program (MMRP) developed by County of Tulare for all mitigation measures that have been adopted for the Project to reduce potential significant impacts. (Pub. Resources Code, § 21081.6, subd. (a)(1); Cal. Code Regs., tit. 14, § 15074, subd. (d).)

B. Incorporation by Reference

Pursuant to CEQA, these Findings of Facts (Findings) support the issuance of this Order based on the Project IS/MND, the application for this Order, and other supplemental documentation.

All CEQA project impacts, including those discussed in subsection C below, are analyzed in detail in the Project Final IS/MND which is incorporated herein by reference. The Project IS/MND is available at: 1685 E Street, Fresno.

Requirements under the purview of the Central Valley Water Board in the MMRP are incorporated herein by reference.

The Permittee's application for this Order, including all supplemental information provided, is incorporated herein by reference.

C. Findings

The IS/MND describes the potential significant environmental effects to water resources that were mitigated in the IS/MND. Having considered the whole of the record, the Central Valley Water Board makes the following findings:

- (1) Revisions in the project plans or proposals made by, or agreed to by the applicant before a proposed mitigated negative declaration and initial study are released for public review would avoid the effects or mitigate the effects to a point where clearly no significant effects would occur, and*
- (2) There is no substantial evidence, in light of the whole record before the agency, that the project as revised may have a significant effect on the environment. (Cal. Code Regs., tit. 14, § 15070.)*

a.i. Potential Significant Impact:

Biological Resources:

Federally Protected Wetlands – No wetlands occur within the project area and therefore, the project will not impact federally protected wetlands as defined by Section 404 of the Clean Water Act. However, the project anticipates to temporarily impact to approximately 0.02 acres of Rancheria Creek, considered a water of the U.S. No permanent impacts to Rancheria Creek are anticipated. Although some impacts to jurisdictional waters would result from project activities, incorporation of measures BIO-1 through BIO-3 would lessen potential impacts to waters within the project area to a less than significant level.

Hydrology and Water Quality:

Water Quality – The project would be required to comply with the conditions of the Section 401 permit from the Regional Water Quality Control Board, a Section 1602 Streambed Alteration Agreement from the CDFW, a CWA Section 404 from the United States Army Corps of Engineers and a Section 402 Notice of Intent under the NPDES. Permanent, long-term impacts are not anticipated because the additional runoff associated with the increase in impervious area would not be substantial and would be carried via curb and gutter to drainage facilities as occurs in the existing condition. During construction, water quality impacts to Rancheria Creek would be avoided and minimized through erosion and sediment control practices, and avoidance of Waters by limiting the project footprint. Measures BIO-1 through BIO-3 would be implemented to avoid and minimize water quality impacts during construction. Therefore, project activities would not violate any water quality standards or waste discharge requirements.

Water Runoff Capacity – As a bridge replacement of an existing facility, the proposed project will not create or contribute runoff water which exceeds the capacity of the exiting storm water system. Currently, water sheet flows off the bridge deck and along roadway shoulders. Sources of pollution in runoff from the project site include the roadway surface and construction activities. The roadway surface generally contains pollutants such as oils and greases that are deposited on or along roadways from automobiles. While the surface area of the roadway is increasing with the replacement of the existing one lane structure with a 2 lane structure, traffic volumes are not anticipated to change. Therefore, additional sources of pollution generated in the storm water runoff would not result. During construction, pollutant runoff would be minimized through implementation of BMPs that would be selected, constructed, monitored, and maintained in accordance with the SWPPP prepared for the project as discussed in Minimization Measures BIO-2 and BIO-3.

a.ii. Facts in Support of Finding:

Mitigation Measures to Reduce Impacts to Less Than Significant:

BIO-1: *Prior to the start of construction activities, the project limits in proximity to jurisdictional waters must be marked with Environmentally Sensitive Area (ESA) high visibility, orange snow fencing or staking to ensure construction will not further encroach into waters (Figure 4 Project Impacts to Jurisdictional Waters). The project biologist will periodically inspect the ESA to ensure sensitive locations remain undisturbed.*

BIO-2: *Contract specifications will include the following BMPs, where applicable, to reduce erosion during construction:*

- Implementation of the project will require approval of a site-specific Storm Water Pollution Prevention Plan (SWPPP) that would implement effective measures to protect water quality, which may include a hazardous spill prevention plan and additional erosion prevention techniques;*
- Existing vegetation will be protected in place where feasible to provide an effective form of erosion and sediment control;*
- Stabilizing materials will be applied to the soil surface to prevent the movement of dust from exposed soil surfaces on construction sites as a result of wind, traffic, and grading activities;*
- Roughening and terracing will be implemented to create unevenness on bare soil through the construction of furrows running across a slope, creation of stair steps, or by utilization of construction equipment to track the soil surface. Surface roughening or terracing reduces erosion potential by decreasing runoff velocities, trapping sediment, and increasing infiltration of water into the soil, and aiding in the establishment of vegetative cover from seed.*

BIO-3: *To conform to water quality requirements, the SWPPP must include the following:*

- Vehicle maintenance, staging and storing equipment, materials, fuels, lubricants, solvents, and other possible contaminants must be a minimum of 100 feet from surface waters. Any necessary equipment washing must occur where the water cannot flow into surface waters. The project specifications will require the contractor to operate under an approved spill prevention and clean-up plan;*
- Construction equipment will not be operated in flowing water;*
- Construction work must be conducted according to site-specific construction plans that minimize the potential for sediment input to surface waters;*
- Raw cement, concrete or concrete washings, asphalt, paint or other coating material, oil or other petroleum products, or any other substances that could be hazardous to aquatic life shall be prevented from contaminating the soil or entering surface waters;*
- Equipment used in and around surface waters must be in good working order and free of dripping or leaking contaminants; and,*
- Any concrete rubble, asphalt, or other debris from construction must be taken to an approved disposal site.*

D. Determination

The Central Valley Water Board has determined that the Project, when implemented in accordance with the MMRP and the conditions in this Order, will not result in any significant adverse water resource impacts. (Cal. Code Regs., tit. 14, § 15096, subd (h).)