



Lahontan Regional Water Quality Control Board

MEMORANDUM

TO : Ron Sykes
California Department of Transportation – District 3
703 B. Street
Marysville, CA 95901

A handwritten signature in blue ink that reads "Patty Z. Kouyoumdjian".

FROM: Patty Z. Kouyoumdjian
Executive Officer
LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

DATE: February 18, 2014

SUBJECT: BOARD ORDER NO. R6T-2014-0011 FOR CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND FLOODPLAIN PROHIBITION EXEMPTION FOR THE TRUCKEE RIVER BRIDGE REPAIR PROJECT, NEVADA COUNTY, WDID 6A291312004

The California Regional Water Quality Control Board, Lahontan Region (Water Board) has received a complete Clean Water Act (CWA) Section 401 Water Quality Certification (WQC) application and application filing fee from the Department of Transportation – District 3 (Applicant) for the Truckee River Bridge Repair Project (Project) in Nevada County. This Order for WQC hereby assigns this Project the following reference number: Waste Discharger Identification (WDID) No. 6A291312004. Please use this reference number in all future correspondence regarding this Project.

Any person aggrieved by this action of the Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with Water Code section 13320 and California Code of Regulations (CCR), title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Order, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water 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.

PROJECT DESCRIPTION**Table of Project Information:**

WDID Number	6A291312004						
Applicant	Ron Sykes California Department of Transportation – District 3 703 B. Street Marysville, CA 95901						
Agent	Cassandra Evenson California Department of Transportation – District 3 703 B. Street Marysville, CA 95901						
Project Name	Truckee River Bridge Repair Project						
Project Purpose and Description	The purpose of this Project is to rehabilitate the bridge support structure by repairing bent caps, replacing seismic shear blocks, and replacing seismic restrainer cables on the Truckee River Bridge. Repair of the bent caps and replacement of the seismic elements are needed to prevent further deterioration of the bridge and prolong the bridge life. A temporary support structure will be erected in the streambed and will require dewatering around the existing piers on the east bank of the river.						
Project Type	Bridge repair						
Project County	Nevada						
Project Address or other Locating Information	Interstate 80 at Post Mile 28.0, approximately one-half mile north of Floriston.						
Location Latitude/Longitude	Latitude: 39.4017, Longitude: -120.0217						
Hydrologic Area	Hydrologic Area 635.20						
Overall Project Area	4 acres						
Receiving Water(s) Name	Truckee River						
Water Body Type(s)	River/Stream						
Designated Beneficial Uses	MUN, AGR, IND, GWR, FRSH, POW, REC-1, REC-2, COMM, COLD, WILD, RARE, MIGR, SPWN,						
Potential Water Quality Impacts	Sediment, turbidity, and construction related pollutants.						
Area of water(s) within the overall Project area	0.20 acres						
Impacts of Fill to waters of the state, including waters of the U.S (WOUS)	Waterbody Type	Permanent			Temporary		
		Acres Sq. Ft.	Linear Feet	Cubic Yards	Acres	Linear Feet	Cubic Yards
	<i>Lake</i>						
	<i>Riparian</i>						
	<i>Stream</i>				0.05	175	600
	<i>Wetland</i>						
Impacts of dredging (excavation) to waters of the state, including WOUS.	Waterbody Type	Permanent			Temporary		
		Acres or Sq. Ft.	Linear Feet	Cubic Yards	Acres	Linear Feet	Cubic Yards
	<i>Lake</i>						
	<i>Riparian</i>						
	<i>Stream</i>						
	<i>Wetland</i>						
	Total				0.05	175	600

Table of Project Information Continued:

Federal Permit(s)	The Applicant has applied for U.S. Army Corps of Engineers (USACOE) authorization to proceed under a Nationwide Permit 3, pursuant to CWA section 404.
Non-Compensatory Mitigation	Work will be done during lower flows and a clear water diversion will be constructed to isolate the work area from stream flows. Dewatering waste will be discharged at an appropriate upland location. Standard Caltrans Construction Site Best Management Practices (BMPs), including clear water diversion, dewatering, sediment, erosion and site management controls will be used. A site-specific Water Pollution Control Plan will be developed and implemented for the Project by the selected contractor.
Compensatory Mitigation	Restore temporary impacts to 0.05 acres/175 linear feet (1:1) of stream channel to pre-project conditions.
Applicable Fees	\$3,303 (\$1,097 base fee + \$1,920 discharge fee for 175 linear feet of impacts to Federal Jurisdictional waters at \$10.97 per foot + \$287 ambient surcharge at 9.5% of base fee plus discharge fee).
Fees Received	\$3,300

100-YEAR FLOOD PLAIN WASTE DISCHARGE PROHIBITION

The *Water Quality Control Plan for the Lahontan Region* (Basin Plan) contains certain waste discharge prohibitions that apply to the Truckee River Hydrologic Unit (HU No. 635), including prohibition 4.(c), which states:

“The discharge or threatened discharge, attributable to human activities, of solid or liquid waste materials, including soil, silt, clay, sand, and other organic and earthen materials to lands within the 100-year floodplain of the Truckee River or any tributary to the Truckee River is prohibited.”

PROHIBITION EXEMPTION

In accordance with provisions in the Basin Plan, the Water Board may grant exemptions to prohibition 4(c) “...for the repair or replacement of existing structures provided that the repair or replacement does not involve the loss of additional floodplain area or volume... and that all applicable BMPs and mitigation measures have been incorporated into the Project to minimize any potential soil erosion and/or surface runoff problems.”

The Project would repair an existing bridge and have no permanent change in floodplain area or volume. All applicable BMPs and mitigation measures will be used to complete the Project. All disturbed soil areas will be restored to pre-Project conditions.

EXEMPTION AUTHORITY

In accordance with Resolution No. R6T-2008-0031, the Water Board has delegated authority to the Executive Officer to grant exemptions to prohibition 4(c) where the Executive Officer has the authority to authorize the Project under an individual WQC order.

EXEMPTION GRANTED

Water Board staff has notified the Project proponent and interested parties of its intent to adopt this prohibition exemption 10 days in advance of issuing this exemption through online and emailed notices soliciting comments on the proposed Project. The Water Board has determined that the Project satisfies the exemption criteria listed above. An exemption to Basin Plan prohibition 4(c) is hereby granted.

CEQA COMPLIANCE

The Water Board has determined that this Project is exempt from the California Environmental Quality Act (CEQA)(Public Resources Code Section 21000 et seq.). In accordance with sections 15301 and 15302, the basis for CEQA exemption is “Existing Facilities and “Replacement and Reconstruction.” A Notice of Exemption will be filed with the State Clearinghouse concurrently with issuing this Order.

SECTION 401 WATER QUALITY CERTIFICATION**Authority**

Section 401 of the CWA (33 U.S.C., paragraph 1341) requires that any applicant for a CWA section 404 permit, who plans to conduct any activity that may result in discharge of dredged or fill materials to WOUS, must provide to the permitting agency a certification that the discharge will be in compliance with applicable water quality standards of the state in which the discharge will originate. No section 404 permit may be granted (or valid) until such certification is obtained. The Applicant submitted a complete application and the fees required for WQC under section 401 for the Project. The Applicant has applied for USACOE authorization to proceed under Nationwide Permit No. 3 pursuant to CWA section 404.

CCR title 23, section 3831(e) grants the Water Board Executive Officer the authority to grant or deny WQC for projects in accordance with CWA section 401. The Project qualifies for such WQC.

Standard Conditions

Pursuant to CCR title 23, section 3860, the following standard conditions are requirements of this certification:

1. This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330 and CCR title 23, section 3867.
2. This certification action is not intended and must not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license unless the pertinent certification application was filed pursuant to CCR title 23, section 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

3. The validity of any non-denial certification action must be conditioned upon total payment of the full fee required under CCR title 23, section 3833, unless otherwise stated in writing by the certifying agency.
4. Neither Project construction activities nor operation of the Project may cause a violation of the Water Quality Control Plan for the Lahontan Region (Basin Plan), may cause a condition or threatened condition of pollution or nuisance, or cause any other violation of the Water Code.
5. The Project must be constructed and operated in accordance with the Project described in the application for WQC that was submitted to the Water Board. Deviation from the Project description constitutes a violation of the conditions upon which the certification was granted. Any significant changes to this Project that would have a significant or material effect on the findings, conclusions, or conditions of this certification, including Project operation, must be submitted to the Executive Officer for prior review and written approval.
6. This WQC is subject to the acquisition of all local, regional, state, and federal permits and approvals as required by law. Failure to meet any conditions contained herein or any conditions contained in any other permit or approval issued by the state of California or any subdivision thereof may result in the revocation of this certification and civil or criminal liability.
7. The Water Board may add to or modify the conditions of this certification as appropriate to implement any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act or section 303 of the CWA, or as appropriate to coordinate the operations of this Project with other projects where coordination of operations is reasonably necessary to achieve water quality standards or protect the beneficial uses of water. Notwithstanding any more specific conditions in this certification, the Project must be constructed and operated in a manner consistent with all water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act or section 303 of the CWA.
8. This certification does not authorize any act which results in the taking of a threatened or endangered species or any act which is now prohibited, or becomes prohibited in the future, under the California Endangered Species Act (Fish and Game Code section 2050 et seq.) or the federal Endangered Species Act (16 U.S.C. sections 1531 et seq.). If a "take" will result from any act authorized under this certification, the Applicant must obtain authorization for the take prior to construction or operation of the Project. The Applicant is responsible for meeting all applicable requirements of the Endangered Species Act for the Project authorized under this certification.

Additional Conditions

Pursuant to CCR title 23, section 3859(a), the following additional conditions are requirements of this certification:

1. The Applicant must prepare and implement a site-specific dewatering plan. The plan must be available for Water Board review upon request prior to initiating any work. At a minimum, the plan must address the following elements:
 - a. Design of clear water diversion structure
 - b. Dewatering waste disposal method(s)
 - c. Sediment and erosion control methods
 - d. Condition of fill rock placed within the streambed
 - e. Monitoring and reporting plan
2. No land disturbance is authorized between October 15 and May 1 the following year unless granted a variance by the Executive Officer. All disturbed areas must be winterized during the period between October 15 and May 1 of the following year.
3. No debris, cement, concrete (or wash water therefrom), oil or petroleum products, paints, or other hazardous materials must enter into or be placed where it may be washed from the Project site by rainfall or runoff into waters of the state. When operations are completed, any excess material must be removed from the Project work area, and from any areas adjacent to the work area where such material may be transported into waters of the state.
4. The Applicant must immediately (within two hours) notify Water Board staff by telephone whenever an adverse condition occurs as a result of this discharge. Such a condition includes, but is not limited to, a violation of the conditions of this Order, a significant spill of petroleum products or toxic chemicals, or damage to control facilities that would cause noncompliance. A written notification of the adverse condition must be provided to the Water Board within two weeks of occurrence. The written notification must identify the adverse condition, describe the actions necessary to remedy the condition, and specify a timetable, subject to any modifications by Water Board staff, for the remedial actions.
5. The Applicant must prevent the introduction or spread of noxious/invasive weeds and organisms within the Project and staging area. Measures must include the cleaning of all equipment and gear that has been in an infested site with water heated to 120 degrees Fahrenheit or more, the use of weed-free erosion control materials (including straw), and the use of weed-free seeds and plant material for revegetation of disturbed areas.
6. Rock materials must be washed and free of adhered soil materials prior to placement into 100-year floodplains. The discharge of wastewater to surface waters from rock washing is not authorized by this Order.

7. Construction equipment must be monitored for leaks, and removed from service if necessary to protect water quality.
8. An emergency spill kit must be at the Project site at all times.
9. All disturbed areas must be stabilized after construction. A final report documenting the completed work, stabilization measures, and monitoring data must be submitted to the Water Board within 30 days of Project completion.
10. A copy of this Order must be maintained at the Project site so as to be available at all reasonable times to site operating personnel and Water Board staff.

Enforcement

1. In the event of any violation or threatened violation of the conditions of this certification, the violation or threatened violation must be subject to any remedies, penalties, process or sanctions as provided for under state law. For purposes of Clean Water Act section 401(d), the applicability of any state law authorizing remedies, penalties, process 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 certification.
2. In response to a suspected violation of any condition of this certification, the State Water Board or the Water Board may require the holder of any permit or license subject to this certification to furnish, under penalty of perjury, any technical or monitoring report the State Water Board or Water Board deems appropriate, provided that the burden, including costs, of the reports must be a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
3. In response to any violation of the conditions of this certification, the Water Board may add to or modify the conditions of this certification as appropriate to ensure compliance.

Section 401 Water Quality Certification Requirements Granted

I hereby issue an Order certifying that any discharge from the referenced Project will comply with the applicable provisions of CWA 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), and with other applicable requirements of state law. This discharge is also regulated under State Water Board Order No. 2003-0017-DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges That Have Received State WQC" which requires compliance with all conditions of this WQC.

Except insofar as may be modified by any preceding conditions, all WQC certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the Applicant's Project description and the terms specified in this WQC order, and (b) compliance with all applicable requirements of the Basin Plan.

We look forward to working with you in your efforts to protect water quality. If you have questions, please contact Bud Amorfini at (530) 542-5463 or Alan Miller, Chief, North Basin Regulatory Unit, at (530) 542-5430.

cc: Cassandra Evenson, Caltrans District 3
(via email at Cassandra.evenson@dot.ca.gov)
Jason Brush, Wetlands Regulatory Office (WTR-8), US EPA, Region 9
(via email at R9-WTR8-Mailbox@epa.gov)
Bill Orme, State Water Resources Control Board, Division of Water Quality
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