

Lahontan Regional Water Quality Control Board

MEMORANDUM

TO: Scott Quinnell
California Department of Transportation, District 8
464 W. 4th Street, 6th Floor, MS 822
San Bernardino, CA 92401-1400
Email: scott_quinnell@dot.ca.gov



FROM: PATTY Z. KOUYOUMDJIAN, EXECUTIVE OFFICER
LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

DATE: June 30, 2014

SUBJECT: AMENDED ORDER NO. R6V-2014-0053A1, FOR CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION, INTERSTATE 15 MOJAVE RIVER INTERCHANGE RECONSTRUCTION PROJECT, SAN BERNARDINO COUNTY, WDID NO. 6B361402003

The California Regional Water Quality Control Board, Lahontan Region (Water Board) issued a Clean Water Act (CWA) Section 401 Order for Water Quality Certification (WQC) to the California Department of Transportation (Applicant) for the above-referenced project (Project) on June 27, 2014. On June 30, 2014, Water Board staff received from the Applicant information that included: 1) a request to amend the WQC to modify the Project's permanent and temporary impacts to waters of the U.S. based on information contained in the Alternatives Analysis Report; and 2) a revised Habitat Mitigation Monitoring Plan (HMMP) that references the corrected permanent and temporary impacts to waters of the U.S. This amendment modifies the proposed Project impacts and corrects the reference to the HMMP, as presented in the Order. The Waste Discharge Identification (WDID) No. previously assigned, WDID No. 6B361402003, is retained for this amendment. Please reference this WDID 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 California Water Code (CWC), 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

Details regarding the Project are provided in the Table of Project Information. Changes from the original Project are ~~strikethrough~~ for deletions and **bold underline** for additions.

Table of Project Information:

WDID Number	6B361402003
Applicant	California Department of Transportation, District 8 464 W. 4 th Street, 6 th Floor, MS 822 San Bernardino, CA 92401-1400 Contact: Scott Quinnell
Agent	Josh Jaffery, California Department of Transportation
Project Name	Interstate 15 Mojave River Interchange Reconstruction Project
Project Purpose and Description	The Project is to widen and improve the existing Interstate 15 (I-15) between Mojave Drive and Stoddard Wells Road to meet current highway standards and improve operational characteristics and public safety. Project components include: reconstruction and relocation of several interchanges; widening of the existing I-15 bridge over the Mojave River; construction of a frontage road and bridge over the Mojave River west of I-15; realignment of the existing frontage road east of I-15; and upgrading the existing onsite and offsite drainage facilities to accommodate Project components.
Project Type	Transportation, Roads and Highways
Project Address or other Locating Information	Interstate 15 from Mojave Drive to Stoddard Wells Road, Victorville, San Bernardino County
Latitude/Longitude	Latitude: 34.55168 Longitude: -117.29272 (center) Latitude: 34.52909 Longitude: -117.31572 (Mojave Drive) Latitude: 34.55435 Longitude: -117.28937 (Stoddard Wells Road)
Hydrologic Unit(s)	Mojave Hydrologic Unit 628.00, Upper Mojave Hydrologic Area 628.20
Project Area	240 acres
Receiving Water(s) Name	Mojave River
Water Body Type(s)	Intermittent stream, minor wetlands
Designated Beneficial Uses	MUN, AGR, GWR, FRSH, REC-1, REC-2, COMM, WARM, COLD, WILD, RARE, WQE, FLD
Potential Water Quality Impacts to Waters of the United States (WOUS)	Permanent hydrogeomorphic changes in the flow regime on the Project site may result in downstream erosion, sedimentation, and/or siltation.

Table of Project Information:

Project Impacts (Fill) to WOUS	Waterbody Type	Permanent			Temporary		
		Acres	Linear Feet	Cubic Yards	Acres	Linear Feet	Cubic Yards
	<i>Stream</i>	0.14 0.233	2,698	1,834	2.368 2.129	1,318	6,510
	<i>Wetland</i>	0.009	-	1,147	0.13	-	0
Federal Permit(s)	The Applicant has applied for coverage under a U.S. Army Corps of Engineers (USACOE) Individual Permit (SPL-2013-00081) pursuant to section 404 of the CWA.						
Non-Compensatory Mitigation	During construction, the Applicant will follow Best Management Practices (BMPs) including construction storm water controls designed to minimize the short-term degradation of water quality.						
Compensatory Mitigation	To compensate for Project impacts to WOUS, the Applicant will implement the revised Habitat Mitigation and Monitoring Plan (HMMP) dated June 17, 2014 submitted on June 30, 2014 . The HMMP includes the acquisition, preservation, and enhancement of waters in the Cronese Hydrologic Sub Area (628.72) of the greater Mojave Watershed. A minimum of 5.2 acres of waters will be preserved and enhanced. Implementation of the offsite mitigation will be concurrent with construction of the Project. Onsite mitigation includes recontouring of temporary impact areas to match pre-Project conditions once construction is complete. Qualitative and quantitative monitoring of the mitigation will occur over a period of no less than 10 years. Reports documenting the success of the mitigation will be submitted to the Water annually for the first two years of monitoring, then biannually (every two years) after that for a minimum of 10 years or until the success criteria outlined in the HMMP have been met. The first monitoring report is due on December 31, 2015.						
Applicable Fees	\$50,160 (\$1,097 base fee + [4,016 linear feet of permanent and temporary stream impacts x \$10.97 per linear foot of discharge] + [0.139 acres of wetland impact x \$4,717 per acre of discharge] + \$4,352 ambient surcharge); ¹ fees calculated based on impacts to federal waters; minor Project changes for amended WQC, therefore no additional fee required.						
Fees Received	\$ 50,160						

¹Discharge fees shall not exceed \$68,558, plus any applicable surcharges; the ambient surcharge is 9.5% of the sum of the base fee plus the discharge fee.

Additional Conditions

Changes to pertinent Additional Conditions are ~~strikethrough~~ for deletions and **bold underline** for additions.

1. To compensate for Project impacts to WOUS, the Applicant will implement the **revised HMMP** ~~dated June 17, 2014~~ **submitted on June 30, 2014**. The HMMP

includes the acquisition, preservation, and enhancement of waters in the Cronese Hydrologic Sub Area (628.72) of the greater Mojave Watershed. A minimum of 5.2 acres of waters will be preserved and enhanced. Onsite mitigation includes recontouring of temporary impact areas to match pre-Project conditions once construction is complete. Implementation of the offsite mitigation will be concurrent with construction of the Project. Qualitative and quantitative monitoring of the mitigation will occur over a period of no less than 10 years. Reports documenting the success of the mitigation will be submitted to the Water Board annually for the first two years of monitoring, then biannually (every two years) after that for a minimum of 10 years or until the success criteria outlined in the HMMP have been met. The first monitoring report is due on December 31, 2015.

All other conditions and requirements of the original Order (enclosed) remain in effect. We look forward to working with you in your efforts to protect water quality. If you have any questions, please contact Jan Zimmerman, Engineering Geologist, at (760) 241-7376 (jjzimmerman@waterboards.ca.gov), or Patrice Copeland, Senior Engineering Geologist, at (760) 241-7404 (pcopeland@waterboards.ca.gov). Please use the WDID in the subject line for future correspondence concerning this project.

Enclosure: WQC ORDER NO. R6V-2014-0053 (JUNE 27, 2014)

cc: Josh Jaffery, California Department of Transportation
(via email, josh.jaffery@dot.ca.gov)
Veronica Chan, U.S. Army Corps of Engineers
(via email, Veronica.C.Chan@usace.army.mil)
Nick Buckmaster, California Department of Fish and Wildlife
(via email, Nick.Buckmaster@wildlife.ca.gov)
SWRCB, Division of Water Quality
(via email, stateboard401@waterboards.ca.gov)



Lahontan Regional Water Quality Control Board

MEMORANDUM

TO: Scott Quinnell
California Department of Transportation, District 8
464 W. 4th Street, 6th Floor, MS 822
San Bernardino, CA 92401-1400
Email: scott_quinnell@dot.ca.gov

Patty Z. Kouyoumdjian

FROM: PATTY Z. KOUYOUMDJIAN, EXECUTIVE OFFICER
LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

DATE: June 27, 2014

SUBJECT: ORDER NO. R6V-2014-0053, FOR CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION, INTERSTATE 15 MOJAVE RIVER INTERCHANGE RECONSTRUCTION PROJECT, SAN BERNARDINO COUNTY, WDID NO. 6B361402003

The California Regional Water Quality Control Board, Lahontan Region (Water Board) has received project information from the California Department of Transportation (Applicant) and an application filing fee to complete an application for Clean Water Act (CWA) Section 401 Water Quality Certification (WQC) for the Interstate 15 Mojave River Interchange Reconstruction Project (Project). This Order for WQC is based upon the information provided in the application and subsequent correspondence received in support of the application.

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 California Water Code (CWC), 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

This WQC is based upon the information you provided. Project details are summarized in the following table.

Table of Project Information:

WDID Number	6B361402003						
Applicant	California Department of Transportation, District 8 464 W. 4 th Street, 6 th Floor, MS 822 San Bernardino, CA 92401-1400 Contact: Scott Quinnell						
Agent	Josh Jaffery, California Department of Transportation						
Project Name	Interstate 15 Mojave River Interchange Reconstruction Project						
Project Purpose and Description	The Project is to widen and improve the existing Interstate 15 (I-15) between Mojave Drive and Stoddard Wells Road to meet current highway standards and improve operational characteristics and public safety. Project components include: reconstruction and relocation of several interchanges; widening of the existing I-15 bridge over the Mojave River; construction of a frontage road and bridge over the Mojave River west of I-15; realignment of the existing frontage road east of I-15; and upgrading the existing onsite and offsite drainage facilities to accommodate Project components.						
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Hydrologic Unit(s)	Mojave Hydrologic Unit 628.00, Upper Mojave Hydrologic Area 628.20						
Project Area	240 acres						
Receiving Water(s) Name	Mojave River						
Water Body Type(s)	Intermittent stream, minor wetlands						
Designated Beneficial Uses	MUN, AGR, GWR, FRSH, REC-1, REC-2, COMM, WARM, COLD, WILD, RARE, WQE, FLD						
Potential Water Quality Impacts to Waters of the United States (WOUS)	Permanent hydrogeomorphic changes in the flow regime on the Project site may result in downstream erosion, sedimentation, and/or siltation.						
Project Impacts (Fill) to WOUS	Waterbody Type	Permanent			Temporary		
		Acres	Linear Feet	Cubic Yards	Acres	Linear Feet	Cubic Yards
	Stream	0.14	2,698	1,834	2.368	1,318	6,510
Wetland	0.009	-	1,147	0.13	-	0	

Table of Project Information:

Federal Permit(s)	The Applicant has applied for coverage under a U.S. Army Corps of Engineers (USACOE) Individual Permit (SPL-2013-00081) pursuant to section 404 of the CWA.
Non-Compensatory Mitigation	During construction, the Applicant will follow Best Management Practices (BMPs) including construction storm water controls designed to minimize the short-term degradation of water quality.
Compensatory Mitigation	To compensate for Project impacts to WOUS, the Applicant will implement the Habitat Mitigation and Monitoring Plan (HMMP) dated June 17, 2014. The HMMP includes the acquisition, preservation, and enhancement of waters in the Cronese Hydrologic Sub Area (628.72) of the greater Mojave Watershed. A minimum of 5.2 acres of waters will be preserved and enhanced. Implementation of the offsite mitigation will be concurrent with construction of the Project. Onsite mitigation includes recontouring of temporary impact areas to match pre-Project conditions once construction is complete. Qualitative and quantitative monitoring of the mitigation will occur over a period of no less than 10 years. Reports documenting the success of the mitigation will be submitted to the Water annually for the first two years of monitoring, then biannually (every two years) after that for a minimum of 10 years or until the success criteria outlined in the HMMP have been met. The first monitoring report is due on December 31, 2015.
Applicable Fees	\$50,160 (\$1,097 base fee + [4,016 linear feet of permanent and temporary stream impacts x \$10.97 per linear foot of discharge] + [0.139 acres of wetland impact x \$4,717 per acre of discharge] + \$4,352 ambient surcharge); ¹ fees calculated based on impacts to federal waters
Fees Received	\$ 50,160

¹ Discharge fees shall not exceed \$68,558, plus any applicable surcharges; the ambient surcharge is 9.5% of the sum of the base fee plus the discharge fee.

CEQA COMPLIANCE

The Applicant prepared an Initial Study and Mitigated Negative Declaration (IS/MND) for the Project. The IS/MND was prepared pursuant to the California Environmental Quality Act (CEQA Public Resources Code 21000, et seq.) and circulated under State Clearinghouse No. 2008011062. The IS/MND was approved on June 27, 2008, following public review. An Addendum to the IS/MND was prepared in May 2013 to address minor technical changes to the original Project.

The Water Board, acting as a CEQA Responsible Agency in compliance with CCR, title 14, section 15096, has considered the IS/MND and Addendum prepared for the Project and the potential water quality impacts. As a result of the analysis, the Water Board finds that, along with the conditions required in this 401 WQC Order, potential water quality impacts are less than significant.

SECTION 401 WATER QUALITY CERTIFICATION

Authority

CWA, section 401 (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, shall 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 of the CWA for the Project. The USACOE will regulate the Project under an Individual Permit (SPL-2013-00081) pursuant to section 404 of the CWA. CCR, title 23, section 3831(e) grants the Executive Officer the authority to grant or deny WQC for projects in accordance with CWA section 401. The proposed 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 CWC, 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 CWC.
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 WQC 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 CWC 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 to 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 CWC 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 Wildlife Code, section 2050 et seq.) or the federal Endangered Species Act (16 USC, section 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 requirements of the applicable Endangered Species Act for the Project authorized under this certification.

Additional Conditions

Pursuant to CCR, title 23, section 3859, subdivision (a), the following additional conditions are required with this certification:

1. To compensate for Project impacts to WOUS, the Applicant will implement the HMMP dated June 17, 2014. The HMMP includes the acquisition, preservation, and enhancement of waters in the Cronese Hydrologic Sub Area (628.72) of the greater Mojave Watershed. A minimum of 5.2 acres of waters will be preserved and enhanced. Onsite mitigation includes recontouring of temporary impact areas to match pre-Project conditions once construction is complete. Implementation of the offsite mitigation will be concurrent with construction of the Project. Qualitative and quantitative monitoring of the mitigation will occur over a period of no less than 10 years. Reports documenting the success of the mitigation will be submitted to the Water Board annually for the first two years of monitoring, then biannually (every two years) after that for a minimum of 10 years or until the success criteria outlined in the HMMP have been met. The first monitoring report is due on December 31, 2015.
2. Temporary impact areas will be recontoured to match pre-Project conditions.

3. All surface waters must be diverted away from areas undergoing grading, construction, filling, vegetation removal, and/or any other similar construction activity. If surface water diversions are anticipated, the Applicant must develop and implement a **Surface Water Diversion Plan**. The plan must include the proposed method and duration of diversion activities, erosion and sediment controls, and a map or drawing indicating the locations of diversion and discharge points. Diversion activities must not result in the degradation of beneficial uses or exceedance of water quality objectives for the receiving waters as defined and described in the Basin Plan. The Basin Plan can be accessed online at http://www.waterboards.ca.gov/lafrontan/water_issues/programs/basin_plan/index.shtml. A copy of the Surface Water Diversion Plan must be submitted to the Water Board prior to any water diversion activities.
4. Work within a surface water (stream channel or wetland) is authorized only during dry weather conditions. Should inclement weather occur, all work within the surface water must stop and all equipment and materials must be removed to upland areas.
5. No debris, cement, concrete (or wash water there from), oil, or petroleum products must be allowed to enter into or be placed where it may be washed from the Project site by rainfall or runoff into surface waters. When operations are completed, any excess material and/or soil must be removed from the Project work area and any areas adjacent to the work area where such material may be transported into surface waters.
6. An emergency spill kit must be at the Project site at all times during Project construction.
7. Construction vehicles and equipment must be monitored for leaks and proper BMPs must be implemented should leaks be detected or the vehicles/equipment must be removed from service, if necessary, to protect water quality.
8. The Applicant must permit Water Board staff or their authorized representative(s) upon presentation of credentials:
 - a. Entry onto Project premises, including all areas on which fill, excavation or mitigation is located or in which records are kept;
 - b. Access to copy any record required to be kept under the terms and conditions of this WQC;
 - c. Inspection of any treatment equipment, monitoring equipment, or monitoring method required by this WQC; and
 - d. Sampling of any discharge or surface water covered by this WQC.

9. The Applicant must maintain at the Project site a copy of this Order and a copy of the complete WQC application provided to the Water Board so as to be available at all times to site operating personnel and agencies.
10. The Applicant is responsible for informing any contractors of the specific conditions contained in this WQC Order.

Enforcement

1. In the event of any violation or threatened violation of the conditions of this certification, the violation or threatened violation will be subject to any remedies, penalties, processes or sanctions, as provided for under state law. For purposes of CWA, 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 WQC.
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 WQC to furnish, under penalty of perjury, any technical or monitoring report that the State Water Board or Water Board deems appropriate, provided that the burden, including costs, of the reports must be in 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 this 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 Water Quality Certification," which requires compliance with all conditions of this WQC. A copy of State Water Board Order No. 2003-0017-DWQ is enclosed for your reference (Enclosure 2).

Except insofar as may be modified by any preceding conditions, all WQC 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 Jan Zimmerman, Engineering Geologist, at (760) 241-7376 jan.zimmerman@waterboards.ca.gov, or Patrice Copeland, Senior Engineering Geologist, at (760) 241-7404 patrice.copeland@waterboards.ca.gov. Please use the WDID referenced in the subject line of this WQC for future correspondence regarding this Project.

Enclosure: SWRCB Order No. 2003-0017-DWQ

cc: Josh Jaffery, California Department of Transportation
(via email, josh.jaffery@dot.ca.gov)
Veronica Chan, U.S. Army Corps of Engineers
(via email, Veronica.C.Chan@usace.army.mil)
Nick Buckmaster, California Department of Fish and Wildlife
(via email, Nick.Buckmaster@wildlife.ca.gov)
SWRCB, Division of Water Quality
(via email, stateboard401@waterboards.ca.gov)

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