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SECRETARY FOR
ENVIRONMENTAL PROTECTION

Santa Ana Regional Water Quality Control Board

October 8, 2015

Mr. Harold Zamora
Chief of Environmental Management Division
San Bernardino County Department of Public Works
825 East Third Street
San Bernardino, CA 92415

hzamora@dpw.sbcounty.gov

**CLEAN WATER ACT SECTION 401 WATER QUALITY STANDARDS
CERTIFICATION FOR GLEN HELEN PARKWAY GEOTECHNICAL AND UTILITIES
SURVEY PROJECT, CITY OF CHINO, SAN BERNARDINO COUNTY (USACE FILE
NO. NOT AVAILABLE) (SARWQCB PROJECT NO. 362015-17)**

Dear Mr. Zamora,

On July 6, 2015, we received from San Bernardino County Department of Public Works (SBCDPW) (Applicant) an application for Clean Water Act Section 401 Water Quality Standards Certification ("Certification") for a project (Project) to perform geotechnical and underground utility survey activities in support of designing a new Glen Helen Parkway bridge planned to be constructed over Cajon Creek. The Applicant submitted a filing fee of \$200.00 with the Certification application materials, which satisfies the Project fee requirement for consideration of a 401 Certification. This fee amount was determined using the Dredge and Fill Fee Calculator on the State Water Resources Control Board (SWRCB) web site, which is based on the most current iteration of California Code of Regulations, Division 3, Chapter 9, Article 1, Section 2200 (a) (3).

This letter responds to your request for Certification that the proposed Project, described in your application and summarized below, will comply with State water quality standards outlined in the Water Quality Control Plan for the Santa Ana River Basin (1995) (Basin Plan) and subsequent Basin Plan amendments:

Project Description: SBCDPW proposes to conduct exploratory geotechnical drilling and underground utility location ("potholing") activities along the alignment of Glen Helen Boulevard where it will cross Cajon Wash. A total of two geotechnical exploratory borings will be conducted within waters of the United States. The borings would be five inches in diameter and drilled with a drilling fluid consisting of water and bentonite. Boring

depths would vary from five to 150 feet below the existing grade.

Two utility potholes will be excavated within waters of the United States. The utility potholing would be conducted using a vacuum excavation truck that utilizes air or water pressure to break up the soil and a vacuum device to collect the spoils. The width of the utility potholes will measure approximately 15 inches in diameter, the depth would vary from five to 15 feet deep. A maximum of 0.8 cubic yards of dredge would be removed from waters of the U.S. during the potholing activities, and a maximum of 0.8 cubic yards of native soil would be backfilled after excavation. In addition, 970 linear feet of temporary access road will be created to conduct the drilling and utility potholing.

The work will take place within Section 33 of Township 2 South, Range 5 West near the unincorporated community of Devore in San Bernardino County. The Project is located on of the U.S. Geological Survey *Devore* 7.5 minute topographic quadrangle map (34.213655° N/ -117.404201° W).

Receiving water: Cajon Creek has beneficial uses (existing or potential) that include: municipal and domestic Supply (MUN), groundwater recharge (GWR), contact recreation (REC1), non-contact recreation (REC2), cold freshwater habitat (COLD), wildlife habitat (WILD), and Rare, Threatened or Endangered Species (RARE).

Fill area:

Temporary Impact to Waters of the U.S.	0.0184 acres	280 linear feet
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Dredge/Fill volume: N/A

Federal permit: U.S. Army Corps of Engineers (USACE) Nationwide Permit No. 6 – Survey Activities

You have proposed to mitigate water quality impacts as described in your Certification application. The proposed mitigation is summarized below:

Onsite Water Quality Standards Mitigation Proposed:

- Standard water quality related best management practices (BMPs) will be employed during construction activities.

Offsite Water Quality Standards Mitigation Proposed:

- None

Should the proposed Project have the potential to impact State- or federally-listed endangered species or their habitat, implementation of measures identified in consultation with U.S. Fish and Wildlife Service and the California Department of Fish and Wildlife will ensure those impacts are mitigated to an acceptable level.

Appropriate BMPs will be implemented to reduce construction-related impacts to waters of the State in compliance with the requirements of Order No. 2012-0006-DWQ, the State Water Resources Control Board General NPDES Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities, Order Number 2012-0006-DWQ.

This Water Quality Certification 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 for this Project issued by the State of California, or any subdivision thereof, may result in appropriate enforcement action, including revocation of this Certification and imposition of administrative civil or criminal liability.

On March 11, 2010, pursuant to the California Environmental Quality Act (CEQA), the SBCDPW filed a CEQA Guidelines Section 15282(g) Statutory Exemption with the San Bernardino County Clerk, which declares the proposed Project is a component of a railway grade separation project to remove an at-grade crossing. The Regional Board has independently considered the SBCDPW Categorical Exemption in the issuance of this Certification and finds that no changes or alterations to the proposed Project are necessary to avoid or mitigate impacts to water quality to a less than significant level.

This 401 Certification is contingent upon the execution of the following conditions:

- 1) This Order for Water Quality Certification will remain valid until the USACE 2012 Nationwide permits expire on March 18, 2017, or through an extended period beyond the expiration date that is authorized in writing by the USACE.
- 2) The Applicant must comply with the requirements of the applicable Clean Water Act Section 404 permit.
- 3) Applicant shall ensure that all fees associated with this Project shall be paid to each respective agency prior to conducting any on-site construction activities.
- 4) A copy of this Certification and any subsequent amendments must be maintained on-site for the duration of work as a denoted element of any

Project Storm Water Pollution Prevention Plan (SWPPP) or Water Pollution Control Program (WPCP).

- 5) All materials generated from construction activities associated with this Project shall be managed appropriately. This shall include identifying all potential pollution sources within the scope of work of this Project, and incorporating all necessary pollution prevention BMPs as they relate to each potential pollution source identified. Additionally, no materials may be stored within waters of the United States or waters of the State of California.
- 6) The Project proponent shall utilize BMPs during Project construction to minimize the controllable discharges of sediment and other wastes to drainage systems or other waters of the State and of the United States.
- 7) Substances resulting from Project-related activities that could be harmful to aquatic life, including, but not limited to, petroleum lubricants and fuels, cured and uncured cements, epoxies, paints and other protective coating materials, portland cement concrete or asphalt concrete, and washings and cuttings thereof, shall not be discharged to soils or waters of the State. All waste concrete shall be removed from the Project site.
- 8) Motorized equipment shall not be maintained or parked within or near any stream crossing, channel or lake margin in such a manner that petroleum products or other pollutants from the equipment may enter these areas under any flow condition. Vehicles shall not be driven or equipment operated in waters of the State on-site, except as necessary to complete the proposed Project. No equipment shall be operated in areas of flowing water.
- 9) A report of the ultimate depth and width of utility potholes excavated within waters of the United States will be provided to the Regional Board at the completion of potholing activities. The report should include photographs of completed (prior to refilling) utility potholes and an easily identifiable scale.
- 10) The area of temporary disturbance for Project activities will be included in the temporary impact area for the bridge construction Project for which the survey activities are being performed for.
- 11) Construction de-watering discharges, including temporary stream diversions necessary to carry out the Project, are subject to regulation by Regional Board Order No. R8-2015-0004, General Waste Discharge Requirements for Discharges to Surface Waters that Pose an Insignificant (De Minimus) Threat to Water Quality. For more information, please review Order No. R8-2015-0004 at www.waterboards.ca.gov/santaana/

Under California Water Code, Section 1058, and Pursuant to 23 CCR §3860, the following shall be included as conditions of all water quality certification actions:

(a) Every certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Section §13330 of the Water Code and Article 6 (commencing with Section 3867) of this Chapter.

(b) Certification is not intended and shall not be construed to apply to any activity involving a hydroelectric facility and requiring a FERC license or an amendment to a FERC license unless the pertinent certification application was filed pursuant to Subsection §3855(b) of this Chapter and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

(c) Certification is conditioned upon total payment of any fee required under this Chapter and owed by the applicant.

If the above stated conditions are changed, any of the criteria or conditions as previously described are not met, or new information becomes available that indicates a water quality problem, the Regional Board may require that the Applicant submit a Report of Waste Discharge and obtain Waste Discharge Requirements.

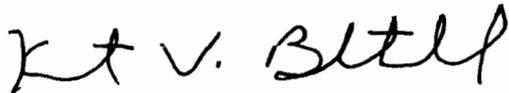
In the event of any violation or threatened violation of the conditions of this Certification, the holder of any permit or license subject to this Certification shall be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of Section 401(d) of the Clean Water Act, 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. Violations of the conditions of this Certification may subject the Applicant to civil liability pursuant to Water Code Section 13350 and/or 13385.

This letter constitutes a Water Quality Standards Certification issued pursuant to Clean Water Act Section 401. I hereby certify that any discharge from the referenced Project will comply with the applicable provisions of 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) of the Clean Water Act, and with other applicable requirements of State law.

This discharge is also regulated under State Water Resources Control Board Order No. 2003-0017-DWQ (Order No. 2003-0017-DWQ), "General Waste Discharge Requirements for Dredge and Fill Discharges That Have Received Water Quality Certification" which requires compliance with all conditions of this Water Quality Standards Certification. Order No. 2003-0017-DWQ is available at: www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo_2003-0017.pdf

Should there be any questions, please contact Jason Bill at (951) 782-3295 or Jason.Bill@waterboards.ca.gov, or Wanda Cross at (951) 782-4468 or wanda.cross@waterboards.ca.gov.

Sincerely,



Kurt V. Berchtold
Executive Officer

cc (via electronic mail):

San Bernardino County – Alicia Lemke – Alicia.Lemke@dpw.sbcounty.gov
U. S. Army Corps of Engineers, Los Angeles Office - Sharron Pankartz
CA Department of Fish and Wildlife – Kim Freeburn-Marquez
State Water Resources Control Board, Office of Chief Counsel - David Rice
State Water Resources Control Board DWQ - Water Quality Certification Unit
U.S. EPA -Supervisor of the Wetlands Section – Jason A. Brush