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**Santa Ana Regional Water Quality Control Board**

March 8, 2016

Mr. Mike Burrows  
Executive Director  
Inland Valley Development Agency  
1601 East 3rd Street  
San Bernardino, CA 92408

mburrows@sbdairport.com

**CLEAN WATER ACT SECTION 401 WATER QUALITY STANDARDS  
CERTIFICATION FOR TWIN CREEK ORANGE SHOW ROAD STORM DRAIN  
IMPROVEMENTS PROJECT, CITY OF MONTCLAIR, SAN BERNARDINO COUNTY  
(USACE CORPS FILE NO. NOT AVAILABLE) (SARWQCB PROJECT NO. 362016-  
02)**

Dear Mr. Burrows,

On January 28, 2016, we received from the Inland Valley Development Agency (Applicant) an application for Clean Water Act Section 401 Water Quality Standards Certification ("Certification") for a project (Project) to replace a stormdrain outfall structure located in Twin Creek in order to improve and increase its flow capacity along Orange Show Road. The Applicant submitted \$1,890.00 along with the Certification application materials, which satisfies the Project filing fee requirement for consideration of a 401 Certification. This fee amount of \$1,890.00 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:** To reduce the flow velocities from the Orange Show Road Storm Drain, the Applicant proposes to replace the existing outfall structure located at the confluence of the Orange Street Storm Drain and Twin Creek. The existing outfall structure is a 36" diameter reinforced concrete pipe (RCP) attached to a 5' by 13' riprap pad. The new enlarged structure will be a 12' by 9' reinforced concrete box with a

headwall, wing-walls and 0.21 acre grouted rip-rap pad to reduce the velocity of flows as they transition into Twin Creek's earthen bottom.

The work will take place within the City of San Bernardino in an un-sectioned area of Township 1 South, Range 4 West, of the U.S. Geological Survey *San Bernardino South 7.5* minute topographic quadrangle map (34.079324 ° N/ -117.285575 ° W).

Receiving water: Twin Creek, which has designated beneficial uses (existing or potential) that include: municipal or domestic supply (MUN), groundwater recharge (GWR), contact recreation (REC1), non-contact recreation (REC2), warm freshwater habitat (WARM), and wildlife habitat (WILD).

Fill area:

Permanent Impact to Waters of the U.S.	0.01 acres	140 linear feet
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Dredge/Fill volume: Not Applicable

Federal permit: U.S. Army Corps of Engineers (USACE) Permit Nationwide No. 43 – Stormwater Management Facilities

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 per the requirements of Regional Board Order No. R8-2010-0036 (NPDES Permit No. CAS618036), commonly known as the San Bernardino County Municipal

Storm Water Permit, and subsequent iterations thereof. Order No. R8-2010-0036 requires that the Applicant substantially comply with the requirements of the State Water Resources Control Board National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities, Order No. 2012-0006-DWQ.

Pursuant to California Code of Regulations, Title 14, Chapter 3, Section 15096, as a Responsible Agency, the Regional Board is required to consider a Mitigated Negative Declaration (MND) prepared by the lead agency in determining whether to approve an application submitted by a project to receive 401 Water Quality Certification. A responsible agency has responsibility to mitigate and avoid only the direct and indirect environmental effects of those parts of the project, which it decides to carry out, finance, or approve. Further, the responsible agency must make findings as required by Sections 15091 and, if necessary, 15093, for each and every significant impact of the project.

As required by Section 15096, the Regional Board has considered the MND prepared for the proposed Project by the City of San Bernardino that was approved on June 15, 2015, and subsequent information provided in the Applicant's application, in approving this Certification. More specifically, the Regional Board has considered those sections of the MND pertaining to impacts to water quality standards. Based upon the mitigation proposed in the MND, and the conditions set forth in this Certification, potentially adverse impacts to water quality will be reduced to a less than significant level and beneficial uses protected if all stated mitigation and conditions are performed. Thus, the Regional Board independently finds that these changes or alterations have been incorporated into the Project that should 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) The 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).

- 5) The outfall structure described in this Certification must be constructed prior to any upstream stormdrain developments. Additionally, this Certification does not address any location upstream of the new outfall structure.
- 6) Effective perimeter control BMPs must be in place at all times to control the discharge of pollutants from the Project site during construction. Construction waste must be contained and protected against wind and exposure to storm water at all times unless being actively handled. Chemical, fuel, and lubricant containers must be kept closed and protected from damage or upset at all times unless being actively used. Dirt and landscaping material stockpiles must have effective erosion control BMPs in place to prevent their being transported in storm water or directly into the channel, and may not be located within waters of the United States. Discharges of wastewater from the site are prohibited.
- 7) 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.
- 8) 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.
- 9) 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 conditions. Vehicles shall not be driven or equipment operated in waters of the State onsite, except as necessary to complete the proposed Project. No equipment shall be operated in areas of flowing water.
- 10) 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/](http://www.waterboards.ca.gov/santaana/)
- 11) 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.

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.

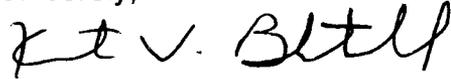
In the event of any violation or threatened violation of the conditions of this Certification, the holder of any permit or license subject to this Certification shall be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of Section 401(d) of the Clean 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](http://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](mailto:Jason.Bill@waterboards.ca.gov), or Wanda Cross at (951) 782-4468 or [wanda.cross@waterboards.ca.gov](mailto:wanda.cross@waterboards.ca.gov).

Sincerely,



Kurt V. Berchtold  
Executive Officer

cc (via electronic mail):

Tom Dodson & Associates - Lisa Patterson – [lisa.patterson@tkda.com](mailto:lisa.patterson@tkda.com)  
U. S. Army Corps of Engineers, Los Angeles Office - Shannon Pankratz  
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