



# California Regional Water Quality Control Board Santa Ana Region



**Linda S. Adams**  
Acting Secretary for  
Environmental Protection

3737 Main Street, Suite 500, Riverside, California 92501-3348  
(951) 782-4130 • Fax (951) 781-6288  
<http://www.waterboards.ca.gov/santaana>

**Edmund G. Brown Jr.**  
Governor

May 16, 2011

Nardy Khan  
Orange County Public Works  
300 N. Flower Street, 7<sup>th</sup> floor Box 4048  
Santa Ana, CA 92702

**CLEAN WATER ACT SECTION 401 WATER QUALITY STANDARDS  
CERTIFICATION FOR THE A06 LOFTUS CHANNEL MAINTENANCE PROJECT,  
BREA, COUNTY OF ORANGE, CALIFORNIA (ACOE REFERENCE NO. NOT  
AVAILABLE) (SARWQCB PROJECT NO. 302011-03)**

Dear Ms. Khan:

On January 10, 2011, we received an application for Clean Water Act Section 401 Water Quality Standards Certification ("Certification") from Orange County Public Works for proposed maintenance activities to stabilize the side slopes of Loftus Channel and prevent their erosion and to remove sediment from the channel and ensure adequate flood capacity. 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:** Excavation of approximately 3,400 cubic yards of sediment from 9,200 linear feet of the regularly maintained Loftus Channel; filling and compacting of denuded earthen side slopes of the channel; and installation of a total of 1,555 linear feet of rip rap. The work will take place within Sections 13, 17, & 18 of Township 3 South, Range 9 & 10 West, of the U.S. Geological Survey *La Habra and Yorba Linda* quadrangle maps (33° 54' 3.85" N/ 117° 52' 0.83" W).

**Receiving water:** Fullerton Creek, Coyote Creek, San Gabriel River

**Fill area:** 5.74 acres of permanent impact to streambed habitat (9,200 linear feet)

***California Environmental Protection Agency***



Dredge/Fill volume: 4,650 cubic yards: 3400 cubic yards of dredged sediment and 1250 cubic yards of riprap fill;

Federal permit: U.S. Army Corps of Engineers Nationwide Permit No. 31

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.
- Stockpiled material and sediments will be contained through the use of silt fencing.
- Removed sediments will be collected and disposed of away from stormwater conveyance facilities.

**Offsite Water Quality Standards Mitigation Proposed:**

- The applicant will provide a total of 12.0 acres of compensatory mitigation acreage, at predetermined locations, as stated within application documents. The proposed mitigation acreage consists of riverine habitat enhancement and management by removing non-native vegetation to allow for natural re-colonization.

Should the proposed project 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 Game 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 according to the requirements of Order No. R8-2009-0030 (NPDES Permit No. CAS618030), commonly known as the Orange County Municipal Storm Water Permit, and subsequent iterations thereof. Order No. R8-2009-0030 requires that you substantially comply with the requirements of State Water Resources Control Board's General Permit for Storm Water Discharges Associated with Construction Activity, including the preparation of a SWPPP.

Pursuant to the California Environmental Quality Act (CEQA), Orange County Public Works filed a CEQA Guidelines Section 15301 "Class 1" Categorical Exemption, which declares that the project involves the operation, repair, maintenance, and minor alteration of public/private structures that result in a negligible expansion of uses. The channel configuration and uses will remain unchanged and the proposed project will not



expand the channel beyond its original design volume. The Regional Board has considered the County's 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) The applicant must comply with the requirements of the applicable Clean Water Act section 404 permit.
- 2) A copy of this Certification and any subsequent amendments must be maintained on site for the duration of work, as a denoted element of the project Storm Water Pollution Prevention Plan (SWPPP) or Water Quality Management Plan (WQMP).
- 3) Best management practices to stabilize disturbed soils must include the use of native plant species whenever feasible.
- 4) 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 the 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.
- 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.
- 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.



- 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 conditions. 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) Construction de-watering discharges, including temporary stream diversions necessary for project construction may be regulated under Regional Board Order No. R8-2009-0003, 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. R8-2009-0003 at [www.waterboards.ca.gov/santaana/](http://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 the applicant to 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.



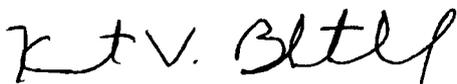
For purposes of section 401(d) of the Clean Water Act, the applicability of any state law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements 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 issue an order certifying 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/wqo2003-0017.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0017.pdf)

Should there be any questions, please contact Marc Brown at (951) 321-4584, or Mark Adelson at (951) 782-3234.

Sincerely,



Kurt V. Berchtold  
Executive Officer  
Santa Ana Regional Water Quality Control Board

cc (via electronic mail):

State Water Resources Control Board, Office of Chief Counsel-David Rice  
State Water Resources Control Board, DWQ -Water Quality Certification Unit  
California Department of Fish and Game-Jeff Brandt

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