



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR ENVIRONMENTAL PROTECTION

## Santa Ana Regional Water Quality Control Board

June 5, 2015

Fermin G. Preciado  
Associate Engineer  
City of Yucaipa  
34272 Yucaipa Boulevard  
Yucaipa, Ca 92399

### **ADDENDUM TO CLEAN WATER ACT SECTION 401 WATER QUALITY STANDARDS CERTIFICATION (401 CERTIFICATION): LOW WATER CROSSING AT 13<sup>TH</sup> STREET AND WILSON CREEK, CITY OF YUCAIPA, COUNTY OF SAN BERNARDINO, CALIFORNIA (FILE NO. 36-2011-23)**

Dear Mr. Preciado:

On July 11, 2014, I issued 401 Certification No. 36-2011-23 for the Low Water Crossing at 13<sup>th</sup> Street and Wilson Creek Project, City of Yucaipa, California. This project involved elevating the existing 50-foot wide at-grade low water crossing of 13<sup>th</sup> Street at Wilson Creek in the city of Yucaipa by constructing a bridge/box culvert. Your consultant, Ruth Villalobos, has requested that the Regional Board revise the 401 Certification to use the most current project description as used by Dan Swenson of the United States Army Corps of Engineers (USACE) in their Nationwide Permit (NWP) for the project. Ms. Villalobos stated that while there are some differences in the dimensions of the culvert, the impact and mitigation acreage stay the same. In addition, Ms. Villalobos stated that the maintenance of the proposed bridge/box culvert will be conducted by the County of San Bernardino Flood Control Agency. Finally, Ms. Villalobos recommended a slight clarification in the description of mitigation in the 401 Certification and that the project is considered to be regulated by NWP -14 and 31.

Regional Board staff has reviewed the requested change in project description and other changes to the 401 Certification. Staff has determined that these changes should not change the project substantially, particularly since impacts to waters of the United States and the mitigation will not change. Therefore, the Regional Board agrees to the modification in project description and the clarification in the mitigation description. The 401 Certification has been amended as shown in the following ~~strikeout~~ and underline version of the project and mitigation descriptions.

1. Project description:

Wilson Creek carries ephemeral and/or intermittent flows. The proposed project consists of elevating the existing 50-foot wide "at-grade" low water crossing of 13th Street at Wilson Creek, located in the City of Yucaipa, by constructing a bridge/box culvert. The project would eliminate the existing low-water crossing and alleviate current flood control deficiencies. The culvert will be comprised of a ~~five~~ three barrel, ~~4-4~~ 22 feet (wide) by ~~4-2~~ 13.5 feet (high) reinforced concrete box culvert (RCB), with un-grouted riprap inverts, concrete invert linings and concrete wall and wing-walls on the upstream and downstream sides. The riprap, concrete invert linings and wall and wing wall transition structures would extend ~~approximately 45-105~~ linear feet upstream and 225 linear feet downstream of the culvert. Sections of the channel bottom immediately up- and down stream of the proposed culvert will be converted from the natural substrate to concrete and un-grouted riprap.

The project impacts to jurisdictional waters of the United States total 0.43 acre and 380 linear feet. The impact consists of converting the channel bottom from asphalt to concrete pavement to an enclosed culvert (0.06 acre), and replacing natural substrate with 2-ton un-grouted riprap (0.11 acre), and concrete (0.26 acre). However, the primary flow capacity, grade, and size of the channel will not change as a result of the project.

6. Federal permit: NWP-14 and 31

7. Mitigation:

The City has agreed to mitigation for project impacts as recommended by USACE and CDFW. For this project (Regional Board File Number 36-2011-23), the low water crossing project at D Street and Wilson Creek (Regional Board File Number 36-2011-24) and the Transit Center Project (Regional Board File Number 36-2013-06), mitigation will consist of preservation of 4.22 acres of upland buffering a riparian resource and preservation of 0.08 acre of ephemeral stream within the City of Yucaipa's eastern half of the El Dorado Mitigation area. An approved Habitat and Mitigation Monitoring Plan will guide the management of the mitigation area. As noted above the mitigation area will be used by two other City of Yucaipa projects, the Avenue D Low Water crossing and the Transit Center.

Fermin G. Preciado  
City of Yucaipa  
36-2011-23

- 3 -

June 5, 2015

The 401 Certification, No. 36-2011-23, is amended as shown above. All other conditions of the 401 Certification remain intact. If you have any questions, please call Dave Woelfel at (951) 782-7960 or email at [David.Woelfel@waterboards.ca.gov](mailto:David.Woelfel@waterboards.ca.gov).

Sincerely,

*for*   
Kurt V. Berntold  
Executive Officer

cc: California Department of Fish and Wildlife – Kim Freeburn  
U.S Environmental Protection Agency, Supervisor of the Wetlands Regulatory  
Office – Tim Vendlinski (WTR-8)  
State Water Resources Control Board, DWQ – Water Quality Certification Unit  
State Water Resources Control Board, OCC – David Rice  
U.S. Army Corps of Engineers – Dan Swenson  
Ruth Villalobos & Associates – Ruth Villalobos