

## Central Valley Regional Water Quality Control Board

1 October 2015

Stephen Kowalewski  
Contra Costa County Public Works  
255 Glacier Drive  
Martinez, CA 94553

CERTIFIED MAIL  
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**ORDER AMENDING CLEAN WATER ACT § 401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; CONTRA COSTA COUNTY PUBLIC WORKS, OROWOOD ROAD BRIDGE REPLACEMENT PROJECT (WDID#5B07CR00166A1), CONTRA COSTA COUNTY**

This Order responds to the 5 August 2015 request for an amendment of the Orowood Road Bridge Replacement Project § 401 Water Quality Certification (WDID#5B07CR00166A1). The original Water Quality Certification (Certification) was issued on 17 April 2015. The requested amendment is hereby approved. The original Certification is therefore amended as described below. Please attach this document to the original Certification.

**AMENDMENT:**

Contra Costa County Public Works is requesting a change in project description to construct an additional temporary culvert crossing over an unnamed wetland. The additional temporary crossing will temporarily impact an additional 0.011 acre of waters of the United States. On 28 May 2015, the United States Army Corps of Engineers authorized the additional 0.011 acre of impacts. On 11 June 2015, the California Department of Fish and Wildlife authorized the additional impact.

The Certification is amended as shown in underline/strikeout format below:

This Order responds to the 30 December 2014 application submitted by Contra Costa County Public Works (Applicant) for the Water Quality Certification of the ~~Orowood~~ Orowood Road Bridge Replacement Project (Project) permanently impacting 0.003 acre/24 linear feet and temporarily impacting ~~0.029~~ 0.04 acre/42 linear feet of waters of the United States.

The Project Information Sheet is amended as shown in underline/strikeout format below:

Access to the staging area will be achieved by placing a two temporary ~~35-foot wide by 20-foot long~~ 18-foot wide flat box culverts approximately 20-foot long and 50-foot long over a wetland. The temporary culverts will require approximately 119 cubic yards of gravel to be temporarily placed into ~~0.0048~~ 0.0029 acre of the wetland. The new bridge will require a

drainage system that will be located on the east side of the new bridge and outfall into Werner Dredge Cut. The new outfall will require approximately 35 cubic yards of rock to be placed into 0.001 acre of wetland.

The Project will permanently impact 0.003 acre/24 linear feet and temporarily impact ~~0.029~~ 0.04 acre/42 linear feet of waters of the United States.

**Excavation/Fill Area:** Approximately 89 cubic yards of native soil will be excavated from 0.003 acre of waters of the United States, and 119 cubic yards of gravel will be excavated from ~~0.029~~ 0.04 acre of waters of the United States.

Approximately 35 cubic yards of rock and 443 cubic yards of cast-in-place concrete will be placed into 0.003 acre of waters of the United States, and 119 cubic yards of gravel will be temporarily placed into ~~0.029~~ 0.04 acre of waters of the United States.

**California Integrated Water Quality System Impact Data:** The Project will permanently impact 0.003 acre/24 linear feet of wetland and stream bed and temporarily impact ~~0.029~~ 0.04 acre/42 linear feet of wetland and stream bed from fill and excavation activities.

**Table 2: Impacts from Fill and Excavation Activities**

Water Feature Type	Permanent			Temporary		
	Acre(s)	Linear Feet	Cubic Yards	Acre(s)	Linear Feet	Cubic Yards
Wetlands						
Unnamed wetland	0.001	-	-	<del>0.018</del> <u>0.029</u>	-	-
Wetlands Total	0.001	-	-	<del>0.018</del> <u>0.029</u>	-	-
Stream Channel						
Werner Dredge Cut	0.002	24	-	0.011	42	-
Stream Total	0.002	24	-	0.011	42	-
<b>Total Impacts</b>	<b>0.003</b>	<b>24</b>	-	<b><del>0.029</del> <u>0.040</u></b>	<b>42</b>	-

**APPLICATION FEE RECEIVED:**

Fees of \$600.00 were submitted for this amendment. Total fees of \$1,361.00 for the original Certification were submitted to the Central Valley Regional Water Quality Control Board as required by §3833(b)(3)(A) and by § 2200(a)(3) of the California Code of Regulations.

**CENTRAL VALLEY WATER BOARD CONTACT:**

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**WATER QUALITY CERTIFICATION:**

I hereby issue an Order amending the existing Clean Water Act, Section 401 Technically Conditioned Water Quality Certification for the Orowood Road Bridge Replacement Project (WDID#5B07CR00166A1). All other conditions and provisions of the original Water Quality Certification and any previously approved amendments remain in full force and effect, except as modified based on the conditions of this Order. Failure to comply with the terms and conditions of the original Water Quality Certification, previously approved amendments, or of this Order may result in suspension or revocation of the Water Quality Certification.

*Original Signed by Adam Laputz for*

Pamela C. Creedon  
Executive Officer

Enclosure: Project Information

cc: Distribution List, page 4

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