

Central Valley Regional Water Quality Control Board

5 December 2018

Pete Gheifi
Sacramento Area Flood Control Agency
1007 7th Street, 7th Floor
Sacramento, Ca 95814

ORDER AMENDING CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION; SACRAMENTO AREA FLOOD CONTROL AGENCY, NORTH SACRAMENTO STREAMS LEVEE ACCREDITATION PROJECT (WDID NO. 5A34CR00663A2), SACRAMENTO COUNTY

This Order responds to the 16 November 2018 request for an amendment of the North Sacramento Streams Levee Accreditation Project section 401 Water Quality Certification (WDID No. 5A34CR00663A1). The previously amended Water Quality Certification (Certification) was issued on 20 April 2018. The requested amendment is hereby approved. The amended Certification is therefore amended as described below. Please attach this document to the original Certification.

AMENDMENT:

Sacramento Area Flood Control Agency is requesting a modification of impacts to seasonal wetlands SW-1 through SW-5 from temporary impacts to permanent impacts in order to leave 1,000 linear feet of waterside haul road in an improved condition to facilitate post-construction levee inspections, operations, and maintenance. Sacramento Area Flood Control Agency proposes to mitigate for the loss of seasonal wetland habitat by purchasing 0.14 credits at the Cosumnes Floodplain Mitigation Bank, operated by Westervelt Ecological Services. Section VII, XIII.K., and Appendix B Tables 2 and 4 of the Certification is amended as shown in underline/strikeout format below:

VII. Description of Direct Impacts to Waters of the State

Table 1: Total Project Fill/Excavation Quantity									
Aquatic Resource Type	Temporary Impact ¹			Permanent Impact					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	Cu.Yds	LF	Acres	CY	LF	Acres	Ton	LF
Riparian Zone							0.5	7,600	
Stream Channel	2.90		4,009						

¹ Includes only temporary direct impacts to waters of the state and does not include upland areas of temporary disturbance which could result in a discharge to waters of the state.

Table 1: Total Project Fill/Excavation Quantity									
Wetland	<u>0.68</u>	<u>27,000</u>							
	<u>0.75</u>	<u>26,761</u>		<u>0.14</u>	<u>239</u>	<u>1,000</u>			
	<u>0.61</u>								

XIII.K.2 Purchase of Mitigation Credits by Permittee for Compensatory Mitigation

- a. A copy of the fully executed agreement for the purchase of mitigation credits shall be provided to the Central Valley Water Board by 5 January 2019.
- b. The Permittee shall retain responsibility for providing the compensatory mitigation and long-term management until Central Valley Water Board staff has received documentation of the credit purchase and the transfer agreement between the Permittee and the seller of credits.

XIII.K.3.Total Required Compensatory Mitigation

- a. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.14 acre(s) of wetlands by purchasing 0.14 Wetlands Credits at the Cosumnes Floodplain Mitigation Bank.
- b. Total required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 4.

<u>Table 4: Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area</u>								
<u>Aquatic Resource Type</u>	<u>Comp Mit. Type²</u>	<u>Units</u>	<u>Method³</u>					
			<u>Est.</u>	<u>Re-est.</u>	<u>Reh.</u>	<u>Enh.</u>	<u>Pres.</u>	<u>Unknown</u>
<u>Wetland</u>	<u>MB</u>	<u>Acres</u>	<u>0.14</u>					

² Compensatory mitigation type may be: In-Lieu-Fee (ILF); Mitigation Bank (MB); Permittee-Responsible (PR)

³ Methods: establishment (Est.), reestablishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.

ATTACHMENT B

Table 2: Individual Direct Impact Information											
Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation		Direct Impact Duration	Dredge			Fill/Excavation		
			Yes	No		Acres	Cubic Yards	Linear Feet	Acres	Cubic Yards	Linear Feet
Natomas East Main Draining Canal (NEMDC-EL)	38.620	-121.468	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary						
					Permanent						
Arcade Creek South Levee (ARS-1)	38.620	-121.468	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary						
					Permanent						
Arcade Creek South Levee (ARS-3)	38.620	-121.468	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary						
					Permanent						
Arcade Creek South Levee (ARS-4)	38.620	-121.468	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary						
					Permanent						
Arcade Creek North Levee (ARN-1)	38.620	-121.468	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary						
					Permanent						
Arcade Creek North Levee (ARN-3)	38.620	-121.468	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary						
					Permanent						
Arcade Creek North Levee (ARN-4)	38.620	-121.468	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary						
					Permanent						
Seasonal Wetland 1 (SW-1)	38.661	-121.476	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.01		
					Permanent				0.01		
Seasonal Wetland 2 (SW-2)	38.660	-121.476	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.01		
					Permanent				0.01		

Table 2: Individual Direct Impact Information											
Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation		Direct Impact Duration	Dredge			Fill/Excavation		
			Yes	No		Acres	Cubic Yards	Linear Feet	Acres	Cubic Yards	Linear Feet
Seasonal Wetland 3 (SW-3)	38.659	-121.476	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.01		
					Permanent				<u>0.01</u>		
Seasonal Wetland 4 (SW-4)	38.658	-121.476	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.10		
					Permanent				<u>0.10</u>		
Seasonal Wetland 5 (SW-5)	38.675	-121.476	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.01		
					Permanent				<u>0.01</u>		
Seasonal Wetland 7 (SW-7)	38.617	-121.467	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.04		
					Permanent						
Seasonal Wetland 8 (SW-8)	38.617	-121.467	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.54		
					Permanent				<u>0.57</u>		
Non-RPW3	38.614	121.466	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.01		40
					Permanent						
Non-RPW2	38.624	-121.460	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.02		104
					Permanent						
Sump 154	38.619	-121.467	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.2		35
					Permanent						
Arcade Creek	38.627	-121.441	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary				0.67		1,777
					Permanent						

ATTACHMENT B

Mitigation Bank Compensatory Mitigation Site Information

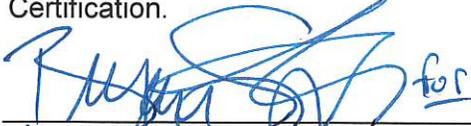
Table 4: Mitigation Bank Information			
<u>Mitigation Bank</u>	<u>Name:</u>	<u>Westervelt Ecological Services, Cosumnes Floodplain Mitigation Bank</u>	
	<u>Website:</u>	<u>Westervelt.com</u>	
<u>Contact Information</u>	<u>Name:</u>	<u>Travis Hemmen</u>	
	<u>Phone:</u>	<u>(916) 646-3644</u>	
	<u>Email:</u>	<u>themmen@westervelt.com</u>	
<u>Mitigation Location</u>	<u>County:</u>	<u>Sacramento County</u>	
	<u>Latitude:</u>	<u>38.273</u>	
	<u>Longitude:</u>	<u>-121.446</u>	
<u>Aquatic Resource Credit Type</u>	<u>Mitigation Quantity</u>		
	<u>Acres</u>	<u>Linear Feet</u>	<u>Number of Credits Purchased</u>
<u>Floodplain Mosaic Wetlands</u>	<u>0.14</u>		<u>Purchase Pending</u>

CENTRAL VALLEY WATER BOARD CONTACT:

Daniel Warner
 364 Knollcrest Drive, Suite 205
 Redding, CA 96002
Daniel.warner@waterboards.ca.gov
 (530) 224-4848

WATER QUALITY CERTIFICATION:

I hereby issue an Order amending the existing Clean Water Act, Section 401 Technically Conditioned Water Quality Certification for the North Sacramento Streams Levee Accreditation Project (WDID No. 5A31CR00663A2). 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.



 PATRICK PULUPA, Executive Officer
 Central Valley Regional Water Quality Control Board

12/5/2018

 Date

DLW: db

cc: U.S. Army Corps of Engineers, Sacramento
California Department of Fish and Wildlife, Region 2, Rancho Cordova
U.S. Fish and Wildlife Service, Sacramento
Bill Jennings, CALSPA, Stockton
Sarah Norris, GEI Consultants, Inc., Rancho Cordova

cc
by email: San Ziegler, U.S. EPA, Region 9, San Francisco
Elizabeth Payne, Water Quality Certification Program, SWRCB, Sacramento