
Central Valley Regional Water Quality Control Board

18 April 2017

Chris Ellis
Pacific Gas and Electric Company
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Sacramento, CA 95833

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ORDER AMENDING CLEAN WATER ACT SECTION 401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; PACIFIC GAS AND ELECTRIC COMPANY, PG&E LINE 407 PROJECT (WDID#5A57CR00084A3), YOLO COUNTY

This Order responds to the 10 November 2016 request for an amendment of the PG&E Line 407 Project Section 401 Water Quality Certification (WDID#5A57CR00084). The original Water Quality Certification (Certification) was issued on 20 December 2012 and amended on 18 July 2016 and 12 December 2016. The requested third amendment is hereby approved. The original Certification is therefore amended as described below. Please attach this document to the original Certification.

AMENDMENT:

Pacific Gas and Electric is requesting an increase in authorized impacts to waters of the United States. Plans and specifications have been finalized for Phase 1 of the Line 407 project and resulted in an additional 30.02 acres of temporary impacts and 0.03 of permanent impacts to waters of the United States.

The Project includes: 1) constructing a 30-inch diameter, 12-mile long natural gas transmission pipeline connecting Line 172A with Line 407 West (Phase 2) in Placer County; and 2) creating 51 new utility line crossings to accommodate the new transmission pipeline installation. The original Project impacts did not include additional waters of the United States identified in a wetland delineation dated 26 October 2016 and have been added to the Phase 1 impacts.

The additional impacts for Phase 1 and 2 were authorized by the United States Army Corps of Engineers on 6 April 2017 (SPK-2016-00669).

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

This Order responds to your 21 November 2008 application submittal, ~~and your 5 May 2011 notification of construction schedule changes, and request for delayed issuance for the Water Quality Certification, and your 12 April 2016 and 7 October 2016 requests to~~

KARL E. LONGLEY ScD, P.E., CHAIR | PAMELA C. CREEDON P.E., BCEE, EXECUTIVE OFFICER

amend the certification, of a pipeline construction permanently impacting ~~0.44~~ 0.17 acre and temporarily impacting ~~6.72~~ 36.74 acres of waters of the United States.

29. As required by the United States Army Corps of Engineers, the Applicant will purchase 0.02 ~~acre~~ of riparian wetland establishment credits and ~~0.42~~ 0.15 ~~acre~~ of freshwater marsh complex establishment credits from the River Ranch Wetland Mitigation Bank to mitigate for the loss of 0.14 0.17 acre of permanent impacts to waters of the United States. All temporary impacted areas shall be restored to their pre-construction condition.

Evidence of this purchase shall be provided to the Central Valley Water Board prior to proceeding with the activity authorized by this Certification.

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

Project Description: The Project is part of PG&E's long-range investment plan to upgrade and increase the local natural gas transmission system in the area. The entire PG&E Line 406/407 Project will construct approximately 42 miles of new pipeline that will span Yolo, Sutter, Sacramento, and Placer counties.

The PG&E Line 406 Project received a Water Quality Certification (WDID#5A57CR00074) on 13 May 2010. This Certification is for the construction of the 407 pipeline portion of the project:

- Phase II (Yolo County boundary to Interstate 5 at Powerline Road and Riego Road); and
- Phase I.

Phase II will involve the construction of approximately 13.5 miles of a 30-inch diameter pipeline that will connect Line 172A with the future Phase I located near the junction of Powerline Road and Reigo Road in Sutter County. Line 172A is located approximately 14 miles east of the town of Capay in Yolo County and east of Interstate 5. The construction of Phase II will permanently impact 0.14 acre and temporarily impact ~~0.23~~ 1.055 acres of waters of the United States.

Phase I will involve the construction of approximately 12 miles of a 30-inch diameter pipeline that will connect Phase II with the existing Line 123, located in Placer County. The construction of Phase I will permanently impact 0.03 acre and temporarily impact ~~6.49~~ 35.68 acres of waters of the United States.

Construction of the pipeline will require the utilization of various underground construction techniques, including jack and bore and horizontal directional drilling. The construction corridor is based on a 100-foot-wide disturbance corridor. The pipeline will cross multiple jurisdictional areas such as, wetlands, canals, and seasonal wetland swales. This corridor includes the pipeline trench, excavated (and segregated) topsoil and trench soils, pipe segment layout for welding, and vehicle/equipment access.

No dewatering will occur within the Project area. No wet concrete will be placed into waters of the United States. Phase I and Phase II construction will permanently impact ~~0.14~~ 0.17 acre and temporarily impact ~~6.72~~ 36.74 acres of waters of the United States.

California Integrated Water Quality System Impact Data: The Project will temporarily impact ~~0.74~~ 0.77 acre of stream channel habitat and ~~5.98~~ 35.97 acres of wetland habitat and permanently impact 0.02 acre of stream channel habitat and ~~0.12~~ 0.15 acre of wetland habitat from fill and excavation activities.

Table 2: Impacts from Fill and Excavation Activities

Aquatic Resource Type	Temporary			Permanent					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet
Stream Channel	0.74 <u>0.77</u>	--	--	0.02	--	--	--	--	--
Wetland	5.98 <u>35.97</u>	--	--	0.12 <u>0.15</u>	--	--	--	--	--
Total	6.72 <u>36.74</u>	--	--	0.14 <u>0.17</u>	--	--	--	--	--

United States Army Corps of Engineers File Number: SPK #2007-1175, and-SPK# 2015-01052, and SPK-2016-00669

Compensatory Mitigation: As required by the United States Army Corps of Engineers, the Applicant will purchase 0.02 ~~acre~~ of riparian wetland establishment credits and ~~0.12~~ 0.15 ~~acre~~ of freshwater marsh complex establishment credits from the River Ranch Wetland Mitigation Bank to mitigate for the loss of ~~0.14~~ 0.17 acre of permanent impacts to waters of the United States. All temporary impacted areas shall be restored to their pre-construction condition.

Evidence of this purchase shall be provided to the Central Valley Water Board prior to proceeding with the activity authorized by this Certification.

Table 3: Compensatory Mitigation for Permanent Physical Loss of Area

<u>Aquatic Resource Type</u>	<u>Comp Mitigation Type</u>			<u>Units</u>		<u>Established</u>	<u>Re-established</u>	<u>Rehabilitated</u>	<u>Enhanced</u>	<u>Preserved</u>	<u>Unknown</u>
	<u>In-Lieu</u>	<u>Mit. Bank</u>	<u>Permittee Responsible</u>	<u>AC (Acres)</u>	<u>LF (Linear Feet)</u>						
Stream Channel	--	X	--	0.02	--	X	--	--	--	--	--
Wetland	--	X	--	0.12 0.15	--	X	--	--	--	--	--
TOTAL	--	--	--	0.14 0.17	--	--	--	--	--	--	--

APPLICATION FEE RECEIVED:

Fees of \$64,317.00 were submitted for this amendment. Total fees of \$25,683.00 for the original Certification were submitted to the Central Valley Regional Water Quality Control Board as required by Section 3833(b)(3)(A) and by Section 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 PG&E Line 407 Project (WDID#5A57CR00084A3). 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 5

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