



GAVIN NEWSOM
GOVERNOR

JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

May 15, 2019

Certified Mail: 7016 2140 0000 6901 6609

Mr. Craig Geldard
Pacific Gas and Electric Company
245 Market Street, Mail Code N10a
San Francisco, CA 94105
CXGR@pge.com

Subject: NOTICE OF APPLICABILITY OF STATE WATER BOARD CERTIFICATION OF THE 2017 NATIONWIDE PERMITS – 2018 IGNACIO MARE ISLAND #1 PILING INSPECTIONS AND GEOTECHNICAL INVESTIGATION PROJECT

Dear Mr. Geldard,

Enclosed please find a Notice of Applicability (NOA) authorized by State Water Resources Control Board Deputy Director for the Division of Water Quality, Karen Mogus. This NOA is issued to Pacific Gas and Electric Company (PG&E) for the 2018 Ignacio Mare Island #1 Piling Inspections and Geotechnical Investigation Project (Project). The State Water Board Certification of the 2017 Nationwide Permits (General Order) is included as part of this NOA in Attachment A of the Enclosures. Attachment B of the General Order includes the General Order's Reporting and Monitoring Requirements.

This NOA is issued in response to an application submitted by PG&E for proposed Project discharge to waters of the state, to ensure that the water quality standards for all waters of the state impacted by the Project are met. You may proceed with your Project according to the terms and conditions of the enclosed NOA and General Order.

If you require further assistance, please contact me by phone at (916) 327-8117 or by email at Alexander.Lopez@waterboards.ca.gov. You may also contact Beth Payne, Chief of the Wetlands Permitting and Planning Unit, by phone at (916) 341-5579, or by email at Elizabeth.Payne@waterboards.ca.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Alex Lopez".

Alex Lopez, Environmental Scientist
Division of Water Quality

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

Enclosures (2): NOA for the 2018 Ignacio Mare Island #1 Piling Inspections and Geotechnical Investigation Project (Project)

Attachment A: State Water Board Certification of the 2017 Nationwide Permits (General Order)

cc: [Via email only] (w/ enclosure):

Ode Bernstein
Pacific Gas and Electric Company
omb3@pge.com

Sam Ziegler, Chief
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U.S. Environmental Protection Agency, Region 9
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Katerina Galacatos, Acting Chief
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State Water Resources Control Board

Effective Date: May 15, 2019

Reg. Measure ID:	423420
WDID:	SB18076IN

Program Type: Fill/Excavation

Project Type: Utility Line Inspection

Project: 2018 Ignacio Mare Island #1 Piling Inspections and Geotechnical Investigation Project

Applicant: Pacific Gas and Electric Company
Applicant Contact: Craig Geldard
245 Market Street, Mail Code N10a
San Francisco, CA 94105
Phone: (415) 973-6205
Email: CXGR@pge.com

State Water Board Staff: Alex Lopez
Environmental Scientist
1001 I Street
Sacramento, CA 95814
Phone: (916) 327-8117
Email: Alexander.Lopez@waterboards.ca.gov

State Water Board Contact Person:

For further assistance, please call State Water Resources Control Board (State Water Board) Staff listed above or (916) 341-5478 and ask to speak with the Wetlands Permitting and Planning Unit Supervisor.

Attachment A State Water Board Certification of the 2017 Nationwide Permits (General Order)

I. Action

This document serves as a Notice of Applicability (NOA) for enrollment under the State Water Resources Control Board (State Water Board) Certification of the 2017 Nationwide Permits (SWRCB ID SB17001GN; hereafter referred to as the General Order and included in this NOA as Attachment A) at the request of Pacific Gas and Electric Company (Applicant). On May 6, 2019, the State Water Board received a complete Notice of Intent (NOI) requesting authorization for the Applicant's 2018 Ignacio Mare Island #1 Piling Inspections and Geotechnical Investigation Project (Project). After reviewing the NOI, the State Water Board has determined that the Project meets General Order requirements for Nationwide Permit 12: Utility Line Activities.

II. Project Purpose

As described in the Project NOI and supplemental information (hereafter referred to as the Application), which is incorporated herein by reference, the purpose of the Project is to conduct routine piling inspections along the Applicant's Ignacio Mare Island #1 Circuit.

III. Project Location

The Project is located at eight locations within wetlands associated with the San Pablo Bay National Wildlife Refuge and the Napa Sonoma Marshes Wildlife Area. The approximate western extent of the project is near the mouth of the Petaluma River, in the San Pablo Bay National Wildlife Refuge, Sonoma County, California. The Project's westernmost coordinates are 38°6'46.61" N, 122°29'29.71" W. The approximate eastern extent of the project is near the City of American Canyon, Napa County, California. The Project's westernmost coordinates are 38°9'27.70" N, 122°16'33.45" W.

IV. Receiving Waters information

The Project is located within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board. Receiving waters and groundwater potentially impacted by this Project are listed in Table 1. These waters are regulated in accordance with the applicable water quality control plan (Basin Plan) for the region and other plans and policies of the California Water Boards, which may be accessed online at: http://www.waterboards.ca.gov/plans_policies/.

Table 1: Receiving Water Information

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant
Tower 3/29	San Pablo Bay	Wetland	1805000208	San Pablo Bay	IND, COMM, SHELL, EST, MIGR, RARE, SPWN, WILD, REC-1, REC-2, NAV	Chlordane, DDT, Dieldrin, Dioxin Compounds (including 2,3,7,8-TCDD), Furan Compounds, Invasive Species, Mercury, Nickel, PCBs, PCBs (dioxin-like), Selenium
Tower 11/82	San Pablo Bay	Wetland	1805000208	San Pablo Bay	IND, COMM, SHELL, EST, MIGR, RARE, SPWN, WILD, REC-1, REC-2, NAV	Chlordane, DDT, Dieldrin, Dioxin Compounds (including 2,3,7,8-TCDD), Furan Compounds, Invasive Species, Mercury, Nickel, PCBs, PCBs (dioxin-like), Selenium
Tower 14/99	San Pablo Bay	Wetland	1805000208	San Pablo Bay	IND, COMM, SHELL, EST, MIGR, RARE, SPWN, WILD, REC-1, REC-2, NAV	Chlordane, DDT, Dieldrin, Dioxin Compounds (including 2,3,7,8-TCDD), Furan Compounds, Invasive Species, Mercury, Nickel, PCBs, PCBs (dioxin-like), Selenium
Tower 14/101	San Pablo Bay	Wetland	1805000208	San Pablo Bay	IND, COMM, SHELL, EST, MIGR, RARE, SPWN, WILD, REC-1, REC-2, NAV	Chlordane, DDT, Dieldrin, Dioxin Compounds (including 2,3,7,8-TCDD), Furan Compounds, Invasive Species, Mercury, Nickel, PCBs, PCBs (dioxin-like), Selenium

Table 1: Receiving Water Information

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant
Tower 14/105/ Geotech Site C	San Pablo Bay	Wetland	1805000208	San Pablo Bay	IND, COMM, SHELL, EST, MIGR, RARE, SPWN, WILD, REC-1, REC-2, NAV	Chlordane, DDT, Dieldrin, Dioxin Compounds (including 2,3,7,8-TCDD), Furan Compounds, Invasive Species, Mercury, Nickel, PCBs, PCBs (dioxin-like), Selenium
Tower 16/113	San Pablo Bay	Wetland	1805000208	San Pablo Bay	IND, COMM, SHELL, EST, MIGR, RARE, SPWN, WILD, REC-1, REC-2, NAV	Chlordane, DDT, Dieldrin, Dioxin Compounds (including 2,3,7,8-TCDD), Furan Compounds, Invasive Species, Mercury, Nickel, PCBs, PCBs (dioxin-like), Selenium
Geotech Site A	San Pablo Bay	Wetland	1805000208	San Pablo Bay	IND, COMM, SHELL, EST, MIGR, RARE, SPWN, WILD, REC-1, REC-2, NAV	Chlordane, DDT, Dieldrin, Dioxin Compounds (including 2,3,7,8-TCDD), Furan Compounds, Invasive Species, Mercury, Nickel, PCBs, PCBs (dioxin-like), Selenium
Geotech Site B	San Pablo Bay	Wetland	1805000208	San Pablo Bay	IND, COMM, SHELL, EST, MIGR, RARE, SPWN, WILD, REC-1, REC-2, NAV	Chlordane, DDT, Dieldrin, Dioxin Compounds (including 2,3,7,8-TCDD), Furan Compounds, Invasive Species, Mercury, Nickel, PCBs, PCBs (dioxin-like), Selenium

V. Direct Impacts to Waters of the State

Total Project fill/excavation quantities for all impacts are summarized in Table 2.

Table 2: Total Project Fill/Excavation Quantity¹									
Aquatic Resource Type	Temporary Impact²			Permanent Impact					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	CY	LF	Acres	CY	LF	Acres	CY	LF
Wetland	0.50	-	-	0.00021	-	-	-	-	-

VI. Description of Indirect Impacts to Waters of the State

The State Water Board recognizes the potential for indirect impacts to waters of the state associated with the Project. Potential indirect adverse effects include but are not limited to: increased sediment loading to streams from riparian and/or upland areas used for access or staging areas, possibility of introducing invasive species into the Project areas, and changing timing of runoff delivery to streams in the Project area. The Project, as designed, will not have significant indirect impacts to waters of the state.

VII. Avoidance and Minimization

In order to avoid and minimize impacts to waters of the state and their designated beneficial uses, the Applicant will follow the avoidance and minimization measures as proposed in their Application.

VIII. Mitigation for Temporary and Permanent Impacts

All temporarily affected areas will be restored to pre-construction contours and conditions upon completion of construction activities in compliance with the General Order and according to the restoration plan submitted by the Applicant in the Application.

The Applicant has provided a letter of credit in favor of the State Water Board to provide security against a default in providing the required compensatory mitigation. By January 15, 2020, the Applicant shall submit a mitigation plan to the State Water Board in accordance with Section XIII.F.2.e.ii.2 of the General Order. By June 1, 2020, the applicant shall submit proof of credit purchase in accordance with Section XIII.F.2.e.ii.3 of the General Order.

¹ Cubic Yards (CY); Linear Feet (LF)

² 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.

Total required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 3.

Table 3: Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area³								
Aquatic Resource Type	Comp Mit. Type⁴	Units	Method⁵					
			Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Wetland	MB	Acres	-	-	-	-	0.0084	-

IX. California Environmental Quality Act (CEQA)

The State Water Board has determined that the Project is exempt from review under the California Environmental Quality Act (CEQA) pursuant to California Code of Regulations, title 14, section 15301. Additionally, the State Water Board finds that no exceptions to the exemptions apply to the activities approved by this NOA.

X. Certification Fees

A fee payment of \$1500 was received by the San Francisco Bay Regional Water Quality Control Board on August 10, 2018. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3), and was calculated as category A - Fill and Excavation Discharges (fee code 84).

XI. Authorization

To comply with State law, this Project must proceed as described in the Application submitted to the State Water Board by the Applicant and in accordance with the conditions in the General Order. Coverage under the General Order is no longer valid if the Project (as described) is modified. The Project must proceed in accordance with the requirements contained in this NOA and the General Order.

³ For State Water Board Staff use only: Record quantities in California Integrated Water Quality System (CIWQS) table side A for Compensatory Mitigation for Permanent Physical Loss of Area.

⁴ Compensatory mitigation type may be: In-Lieu-Fee (ILF); Mitigation Bank (MB); Permittee-Responsible (PR)

⁵ Methods: establishment (Est.), re-establishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.

The Applicant should become familiar with the contents of the General Order (Attachment A). A copy of the General Order and its attachments can also be found on the State Water Resources Control Board's website at:
http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/nwp_go.pdf.

XII. Reporting and Notification Requirements

The Applicant shall submit an Annual Report each year on January 15 until a Notice of Project Complete is issued to the Applicant. Notices and reporting shall be provided to the State Water Board according to section XIII.A, "Notification Requirements," of the General Order.

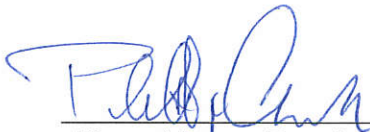
Electronic Document Submittal: The Applicant must submit all reports and information required under this Certification according to the Report Submittal Instructions found in Attachment B, "Reporting and Notification Requirements," of the General Order. Each electronic document must be submitted as a single file, in Portable Document Format (PDF), and converted to text searchable format using Optical Character Recognition (OCR). Documents over 50 megabytes (MB) will not be accepted via email and must be placed on a disc and delivered to the addresses listed above.

XIII. Water Quality Certification

I hereby issue this Notice of Applicability for the 2018 Ignacio Mare Island #1 Piling Inspections and Geotechnical Investigation Project, certifying that as long as all of the conditions listed in the General Order are met, any discharge from the referenced Project will comply with the applicable provisions of Clean Water Act 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).

The State Water Board will file a Notice of Exemption (NOE) at the State Clearinghouse within five (5) working days of issuance of this NOA. This discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ which authorizes Water Quality Certifications to serve as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.).

Except insofar as may be modified by any preceding conditions, all NOA actions are contingent on: (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the conditions of the General Order and the attachments to the General Order; and, (b) compliance with all applicable requirements of Statewide Water Quality Control Plans and Policies, and the Regional Water Boards' Water Quality Control Plans and Policies.

 FOR

Karen Mogus, Deputy Director
Division of Water Quality

5/5/19
Date

Attachment A State Water Board Certification of the 2017 Nationwide Permits (General Order)