
State Water Resources Control Board

**CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION
ORDER NO. WQ 2024-0097-DWQ AND
NOTICE OF APPLICABILITY FOR ENROLLMENT UNDER STATE WATER BOARD
GENERAL ORDER FOR THE CORPS' NATIONWIDE PERMITS
(ORDER NO. [WQ] 2020-0039-EXEC)**

Effective Date: Upon Deputy Director's Signature

Program Type: Fill/Excavation

Project Type: Underground Utility

Project: Pit #1-Cottonwood Tower Cathodic Protection Project
Regulatory Measure ID: 458186
WDID: SB24087IN

Applicant: Pacific Gas and Electric Company
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State Water Board Contact Person:

For further assistance, please call the State Water Resources Control Board (State Water Board) Staff listed above or (916) 322-7781 and ask to speak with the Wetlands Permitting and Enforcement II Unit Supervisor.

I. Summary

This document serves as a Notice of Applicability for enrollment under the State Water Board General Order for the Nationwide Permits (Order No. [WQ] 2020-0039-EXEC; SWRCB ID SB20031GN; hereafter referred to as the General Order) at the request of Pacific Gas and Electric Company (Applicant). The General Order can be accessed at [the Clean Water Act Section 401 - Certification and Wetlands Program, General Orders webpage](https://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.html#yr_2020) (https://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.html#yr_2020). On September 19, 2024, the State Water Board received a complete Notice of Intent requesting authorization for the Applicant's Pit #1-Cottonwood Tower 054/488, 048/418, 053/471, and 010/086 Cathodic Protection Project (Project). After reviewing the Notice of Intent, the State Water Board has determined that the Project meets General Order requirements for Nationwide Permit 57: Electric Utility Line and Telecommunications Activities.

This order also serves as an individual certification (Certification) for the Project enrolling under U.S. Army Corps of Engineers' Nationwide Permit 57 pursuant to Clean Water Act section 401.

II. Project Description

As described in the Project Notice of Intent and supplemental information (hereafter referred to as the Application), which is incorporated herein by reference, the purpose of the Project is to install a corrosion protection system along four metal tower foundations. The corrosion protection system is installed in holes and trenches under, or adjacent to, the base of the towers. Soil disturbance from excavation to inspect the footing of each tower, insert an anode up to 15 feet from each tower footing, and insert a low voltage wire connecting the anode to the tower footing, will impact wetlands.

III. Project Location

The Project is located off Highway 44 and Highway 299 on four discrete plots in Shasta County, California:

Location 1 (Tower 054/488) is located roughly a mile to the south on Bent Branch Road in Anderson, at coordinates 40.46111847°N, 122.21342158°W.

Location 2 (Tower 048/418) is located at approximately 0.1 mile north along Top Two Ranch Road, in Millville, at coordinates 40.5388003°N, 122.1491261°W.

Location 3 (Tower 053/471) is located roughly 0.2 mile north of Dersch Road in Anderson, at coordinates 40.4802825°N, 122.1975808°W.

Location 4 (Tower 010/086) is located in a field roughly 0.9 mile east of Black Ranch Road off Highway 299 in Burney, at coordinates 40.9031758°N, 121.6643238°W.

IV. Receiving Waters Information

The Project is located within the jurisdiction of the Central Valley Regional Water Quality Control Board, Redding Office. 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 [the State Water Boards' Plans and Policies webpage](http://www.waterboards.ca.gov/plans_policies/) (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	303(d) Listing Pollutants
Location 1	Unnamed Wetland	Wetland	508.1	Sacramento River	MUN, AGR, PROC, IND, POW, REC-1, REC2, WARM, COLD, MIGR, SPWN, WILD, NAV	Alkalinity, Aluminum, Arsenic, Cadmium, Chlordane, Chromium, Copper, DDT, Dieldrin, Endosulfan, Endrin, Heptachlor, Heptachlor epoxide, Iron, Lead, Lindane/gamma Hexachlorocyclohexane, Mercury, Nickel, Oxygen, Dissolved, Selenium, Silver, Temperature, water, Zinc, pH
Location 2	Unnamed Wetland	Wetland	508.1	Sacramento River	Same as location 1	Same as location 1
Location 3	Unnamed Wetland	Wetland	508.1	Sacramento River	Same as location 1	Same as location 1
Location 4	Unnamed Wetland	Wetland	526.1	Burney Creek	NA	NA

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 Quantity to Wetlands

Temporary Impact¹	Permanent Impact - Physical Loss of Area	Permanent Impact - Degradation of Ecological Condition Only
0.003 acres 36 linear feet	0 acres 0 linear feet	0 acres 0 linear feet

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. Conditions

A. Scope of Authorization

The Project may proceed only as described in the Application submitted to the State Water Board by the Applicant and in accordance with the conditions in State Water Board General Order No. [WQ] 2020-0039-EXEC and this Notice of Applicability. This Certification and coverage under the General Order is no longer valid if the Project (as described) is modified. A copy of the General Order and its attachments can be found on the State Water Resources Control Board's [General Order Website](https://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.html#yr_2020) (https://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.html#yr_2020).

This condition is necessary to assure that any discharge under this Certification will comply with water quality requirements as described in the General Order. Water Code section 13264 prohibits any discharge that is not specifically authorized in an order. The conditions set forth in State Water Board Water Quality General Order No. [WQ] 2020-0039-EXEC are further justified in Attachment C of that General Order.

B. Standard Conditions (These conditions are also set forth in State Water Board General Order No. [WQ] 2020-0039-EXEC, in Section VI.A.1-A.3.)

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. Temporary impacts, by definition, are restored to pre-project conditions and therefore do not include a physical loss of area or degradation of ecological condition.

- i. This action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330 and California Code of Regulations, title 23, chapter 28, Article 6 commencing with section 3867.
- ii. This Certification is not intended and shall not be construed to apply to any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission license or an amendment to a Federal Energy Regulatory Commission license unless the pertinent certification application was filed pursuant to subsection 3855(b) of chapter 28, title 23 of the California Code of Regulations, and that application specifically identified that a Federal Energy Regulatory Commission license or amendment to a Federal Energy Regulatory Commission license for a hydroelectric facility was being sought.
- iii. This Certification is conditioned upon total payment of any fee required under title 23 of the California Code of Regulations and owed by the Applicant.

Each standard condition in Section VII.B is necessary to assure that any discharge authorized under the general license or permit will comply with water quality requirements. Water quality requirements include state regulatory requirements for point source discharges into waters of the United States. California Code of Regulations, title 23, Chapter 28 sets forth regulations pertaining to water quality certifications for point source discharges to waters of the United States. These conditions were included to comply with section 3860, which sets forth conditions that must be included in all water quality certifications.

C. 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. Each avoidance and minimization measure demonstrates that a sequence of actions has been taken to first avoid, then to minimize, and lastly compensate for loss of or significant adverse impacts to beneficial uses of waters of the state that cannot be practicably avoided or minimized.

The Water Board may approve a project only if the applicant has demonstrated that a sequence of actions has been taken to first avoid, then minimize, and, lastly, compensate for loss of or significant adverse impacts to beneficial uses of waters of the state. (Dredge or Fill Procedures, section IV.B.1.a.)

D. Mitigation for Temporary 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.

Mitigation is required to ensure compliance with Executive Order W-59-93 that requires no net loss of the structure or function of California's wetland resources.

VIII. California Environmental Quality Act

The State Water Board has determined that the Project is exempt from review under the California Environmental Quality Act 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 Notice of Applicability.

IX. Certification Fees

A fee payment of \$2,985 was received by the State Water Board on August 14, 2024. 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 E - Low Impact Discharges (fee code 87).

X. Public Notice

The State Water Board provided public notice of the Application pursuant to California Code of Regulations, title 23, section 3858 from August 26, 2024 to September 16, 2024. The State Water Board did not receive any comments during the comment period.

XI. Reporting and Notification Requirements

Notices and reporting shall be provided to the State Water Board according to section VI.E, "Application for Coverage and Termination," of the General Order.

The Applicant shall submit Report Types 2 and 3 as described in Attachment B "Report and Notification Requirements" of the General Order. The Applicant must also submit Report Types 4 through 9 if the Project encounters the conditions described in these Report Types. The Applicant must submit all reports and information required under this Certification according to the Report Submittal Instructions found in Attachment B, "Report and Notification Requirements," of the General Order.

These reporting and notification requirements are necessary to confirm that the requirements set by this Certification are satisfied, and that the requirements are sufficient to protect beneficial uses and water quality objectives. Monitoring and reporting requirements are authorized by Water Code sections 13267 and 13383.

XII. Water Quality Certification

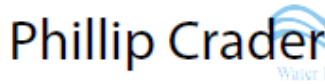
I hereby issue this Notice of Applicability for the Pit #1-Cottonwood Tower 054/488, 048/418, 053/471, and 010/086 Cathodic Protection Project, certifying that as long as all of the conditions listed in the General Order are met, any discharge from the referenced Project will comply with the applicable 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).

As a water quality certification and enrollment under State Water Board General Order No. [WQ] 2020-0039-EXEC, this Certification and Notice of Applicability serve as waste discharge requirements pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.). State Water Board Order No. [WQ] 2020-0039-EXEC serves as waste discharge requirements in accordance with State Water Board Water Quality General Order No. 2003-0017-DWQ. The State Water Board will file a Notice of Exemption (NOE) at the State Clearinghouse within five (5) working days of issuance of this Notice of Applicability.

Except insofar as may be modified by any preceding conditions, all Notice of Applicability 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 the Regional Water Boards' Water Quality Control Plans.

Date

 Digitally signed by Phillip Crader
Date: 2024.10.28 15:22:45 -07'00'

Phillip Crader, Deputy Director
Division of Water Quality