



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## Central Valley Regional Water Quality Control Board

17 December 2015

**CERTIFIED MAIL:**

7015 1660 0000 2319 3158

Mr. Adam O'Connor  
Sr. Environmental Scientist  
Pacific Gas and Electric Company  
6111 Bollinger Canyon Road, 3130G  
San Ramon, CA 94583

WDID: 5A45NC00036

### NOTICE OF APPLICABILITY

#### **WATER QUALITY ORDER 2003-0003-DWQ-0144, STATEWIDE WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND WITH A LOW THREAT TO WATER QUALITY, PACIFIC GAS AND ELECTRIC COMPANY, NATURAL GAS PIPELINE REPLACEMENT PROJECT R-604 LINES 402 AND 402B, COTTONWOOD, SHASTA COUNTY**

On 9 December 2015, Pacific Gas and Electric Company (PG&E) submitted a Notice of Intent (NOI) to obtain coverage under Water Quality Order No. 2003-0003-DWQ, Statewide General Waste Discharge Requirements for Discharges to Land with a Low Threat to Water Quality (hereafter General Order) for discharges to land of groundwater from excavation dewatering during Natural Gas Pipeline Replacement Project R-503 on Lines 402 and 402B. Up to 650,000 gallons per day of hydrostatic and trench water is estimated to be discharged to privately owned agricultural land (GPS coordinates 40° 24' 9.61" N and 122° 14' 3.57" W, APN 089 040 010).

The submittal contains all of the information required to evaluate applicability of the General Order. Based on the information provided in the NOI, the discharge meets the conditions of the General Order. The discharge is hereby covered under General Order 2003-0003-DWQ-0144. Please include this order number on all correspondence related to this discharge.

This project is also covered under General Permit 2009-0009-DWQ for storm water discharges (WDID# 5F10C372564).

#### **PROJECT LOCATION**

Project R-604, on pipeline 402 and 402B, includes the installation of approximately 2,600 feet of new 10-inch natural gas pipeline which begins along Adobe Road, extends approximately 600 feet north of Oakbriar Lane, extending further north on Adobe Road, follows approximately 2,000 feet to Balls Ferry Road and terminates 125 feet west of the Balls Ferry Road and Adobe Road intersection, in the City of Cottonwood (See Attachment 2, Figure 1 of the NOI).

#### **PROJECT DESCRIPTION**

The natural gas pipeline replacement project requires trenches to be dug, borings to be drilled and lines to be hydrotested. Because groundwater has been historically measured at approximately 5 feet below ground surface dewatering of trenches is anticipated. Initial

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

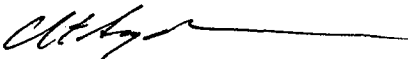
364 Knollcrest Drive, Suite 205, Redding, CA 96002 | [www.waterboards.ca.gov/centralvalley](http://www.waterboards.ca.gov/centralvalley)

background sampling found aluminum, iron and manganese to be above the maximum contaminant levels (MCLs). The discharge from dewatering will be stored in fractionation storage tanks to allow for sedimentation and will be filtered through 1-micron filters and if necessary additional 0.5-micron filters and greensand and/or organo clay filtration prior to discharge. A water sample will then be collected and if under the MCLs water will be discharged to privately owned agricultural land (See Attachment 2, Figure 2 of the NOI) via temporary irrigation system or by water truck for dust control.

#### **FACILITY SPECIFIC REQUIREMENTS**

1. Dewatering wells shall be permitted, constructed and permanently abandoned in accordance with Shasta County requirements and under the oversight of the Shasta County Environmental Health Department.
2. Groundwater shall be disposed of as described in the NOI and in accordance with the requirements contained in the General Order.
3. Discharge of water at a location or in a manner different from that described in the NOI is prohibited.
4. All technical reports required herein that involve evaluation, or other work requiring interpretation and proper application of engineering or geologic sciences, shall be prepared by or under the direction of persons registered to practice in California pursuant to California Business and Professions Code, section 6735, 7835 and 7835.1. As required by these laws, completed technical reports must bear the signature(s) and seal(s) of the registered professional(s) in a manner such that all work can be clearly attributed to the professional responsible for the work.
5. Monitoring reports shall be submitted of all sampling conducted for the project on a semi-annual schedule, in accordance with the General Order.
6. The Discharger shall submit the required annual fee (as specified in the annual billing issued by the State Water Resources Control Board) until the NOA is officially terminated.
7. Failure to abide by the conditions of the General Order, including its monitoring and reporting requirements, and this letter authorizing applicability could result in enforcement actions, as authorized by provisions of the California Water Code.

If you have any questions about this Notice of Applicability, please contact Heidi.Bauer@waterboards.ca.gov at (530) 224-4996 or the footer address.



(for) Pamela C. Creedon  
Executive Officer

HTB:reb

Enclosure: General Order 2003-0003-DWQ