
Central Valley Regional Water Quality Control Board

23 May 2017

Adam O'Connor
Pacific Gas & Electric Company
6111 Bollinger Canyon Road, 3130G
San Ramon, CA 94583

CERTIFIED MAIL
91 7199 9991 7035 8420 2449

NOTICE OF APPLICABILITY

**WATER QUALITY ORDER 2003-0003-DWQ
STATEWIDE WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND WITH
A LOW THREAT TO WATER QUALITY
PACIFIC GAS & ELECTRIC COMPANY,
NATURAL GAS PIPELINE CORROSION ASSESSMENT PROJECT D-609,
SAN JOAQUIN COUNTY**

On 3 May 2017, Pacific Gas & Electric Company (PG&E) submitted a Notice of Intent (NOI) to obtain coverage under Water Quality Order 2003-0003-DWQ, *Statewide General Waste Discharge Requirements for Discharges to Land with a Low Threat to Water Quality* (hereafter General Order) for excavation dewatering. The submittal contains all the information required to evaluate applicability of the General Order; therefore, the NOI is considered complete. Based on the information provided in the NOI, the discharge meets the conditions of the General Order. The discharge is hereby covered under State Water Resources Control Board General Order 2003-0003-DWQ-0169. Please include this number on all correspondence related to this discharge.

PROJECT LOCATION

PG&E is planning on performing corrosion assessments on existing natural gas pipelines located on McDonald Island, Stockton, CA. Seven pipeline segments (Locations A, B, C, E, F, G, and H) have been identified for assessment as shown on Attachment A.

The Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fourth Edition, revised October 2011 (hereafter Basin Plan), designates beneficial uses, establishes water quality objectives, contains implementation plans and policies for protecting waters of the basin, and incorporates by reference plans and policies adopted by the State Water Resources Control Board. Pursuant to §13263(a) of the California Water Code (CWC), waste discharge requirements must implement the Basin Plan.

PROJECT DESCRIPTION

The corrosion and safety inspections are scheduled to begin in June 2017 and be completed by August 2017. Each location will be excavated to conduct the inspections and groundwater is expected to be encountered in one or more of the excavations. Groundwater encountered in the excavations will be pumped out using an in-pit submersible pump as needed and the water

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

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will be stored in fractionation tanks staged within the temporary project construction easement. Extracted groundwater will be transferred via water buffalo trailer or water trucks to the tank/filtration staging area of the land application areas.

PG& E conducted an environmental assessment of excavation locations to evaluate the potential for groundwater and/or soil contamination. Based on the Geotracker and Envirostor database searches, there are no sites of potential environmental concern within 1,000 feet of Locations F, G, and H. The PG&E McDonald Island Compressor Station (open Cleanup Program site) is located within 1,000 feet of Locations A, B, C, and E. Total petroleum hydrocarbons as diesel has been detected in groundwater monitoring wells. Based on the close proximity to a known contamination site, PG&E will filter the groundwater from these locations with particulate bag filters and granular activated carbon prior to land application. Influent and effluent samples will be collected and the results compared to MCLs, the Basin Plan, and agricultural water quality limits. Pumped water that does not meet State requirements will be trucked off-site to an approved disposal facility and will not be used for general irrigation.

Unimpacted water will be discharged to agricultural land owned by PG&E but leased to Zuckerman-Heritage, Inc (APN 129-080-09). The discharge will occur with permission from the lessee. It is estimated that approximately 20,000 gallons per day of filtered groundwater may be applied to the designated areas. Over the course of construction, an estimated total volume up to 1.5 million gallons may be discharged. Discharge water will be applied via sprinklers, gated irrigation, or in another manner requested by the lessee. Discharges will be monitored and controlled in accordance with the General Order and best management practices to prevent runoff, nuisance conditions, and erosion.

FACILITY-SPECIFIC REQUIREMENTS

The General Order and this Notice of Applicability regulates discharges from the natural gas pipeline corrosion assessment Project D-609.

1. Water generated during construction dewatering shall be disposed of as described in the Notice of Intent and in accordance with the requirements contained in the General Order.
2. Construction dewatering discharges at a location or in a manner different from that described in the Notice of Intent or this Notice of Applicability is prohibited.
3. 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.
4. Analytical results shall be submitted on a semi-annual basis in accordance with the requirements the General Order's Monitoring and Reporting Program and in PG&E's Discharge Monitoring Plan (Attachment B). For discharges occurring between January and June, the semi-annual monitoring report is due August 15, and for discharges occurring between July and December, the monitoring report is due February 15.

5. The Discharger shall submit the required annual fee (as specified in the annual billing issued by the State Water Resources Control Board) until the Notice of Applicability is officially terminated.
6. 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.

DOCUMENT SUBMITTALS

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov.

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: Pipeline Corrosion Assessment Project R-609, San Joaquin County		
Program: Non-15 Compliance	Order: R5-2003-0003-DWQ-0169	CIWQS Place ID: 835237

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

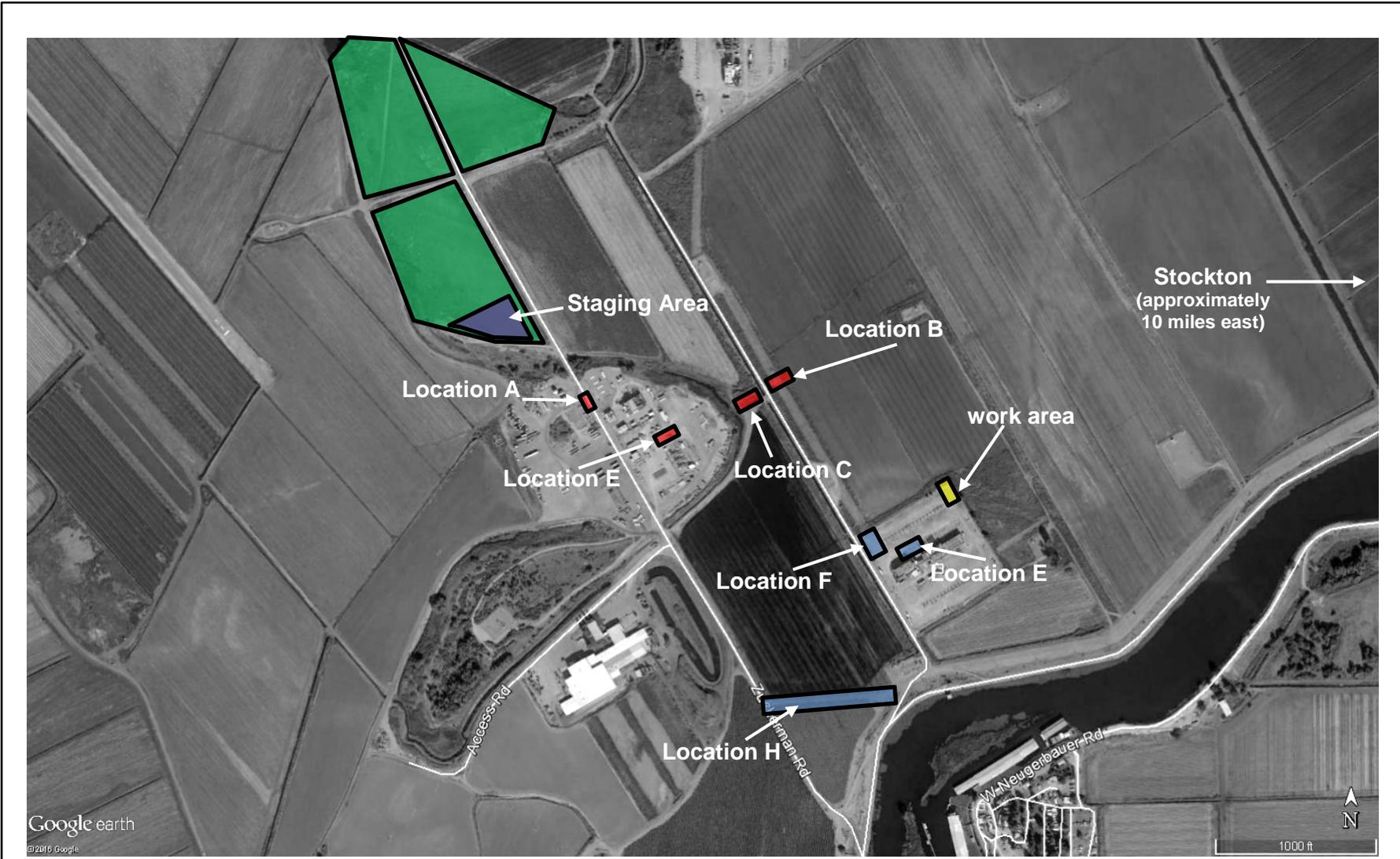
Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Now that the NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. Brendan Kenny is your new point of contact for any questions about the Order. In addition, all monitoring and technical reports should be submitted to him. The enclosed transmittal sheet shall be included with each monitoring report. If you find it necessary to make a change to your permitted operations, Brendan will direct you to the appropriate Permitting staff. You may contact Brendan at (916) 464-4635 or at bkenny@waterboards.ca.gov.

PAMELA C. CREEDON
Executive Officer

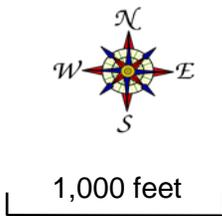
Enclosures: Water Quality Order No. 2003-0003-DWQ
Attachment A – Project Location Map

cc w/encl: Daniel Sanchez, PG&E, San Ramon
cc w/o encl: Rodney Estrada, San Joaquin County Environmental Health Department,
Stockton



Legend

-  Excavation Locations greater than 1,000 feet from known contaminated site
-  Excavation Locations within 1,000 feet from known contaminated site
-  Land Application Areas



PG&E PIPELINE CORROSION ASSESSMENT PROJECT D-609

SAN JOAQUIN COUNTY