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PROJECT MEMORANDUM
PG&E WINDSOR SUBSTATION PROJECT

To: Eric Chiang, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: January 18, 2017
Subject: Monitoring Report #5 – January 2, 2017 to January 15, 2017

This report provides a summary of the construction and compliance activities associated with the PG&E Windsor Substation Project.

A summary of the Notices to Proceed (NTPs) for construction and Minor Project Change (MPC) activities are provided in Tables 1 and 2, respectively (below).

CPUC Environmental Monitor (EM): Jody Fessler was onsite January 5th and 11th

CPUC NTPs

Windsor Substation Site

NTP #1 was issued on June 15, 2016 for the Windsor Substation component of the Project, located at 10789 Old Redwood Highway in the Town of Windsor. NTP #1 included conditions that had to be satisfied prior to the start of construction. PG&E was allowed to start vegetation clearing and tree trimming prior to receiving their grading permit from the Town of Windsor. PG&E received the grading and building permits from the Town of Windsor on November 14, 2016.

Summary of Activity:

Week of January 2 – 8

Limited construction activities occurred during the week due to wet weather conditions. Approximately 70 percent of the site is stabilized with rock fill (see Figure 1). Construction activities only occurred on January 5th and 6th due to wet weather conditions, during which time spoils were off-hauled.

Storm water management was ongoing. Water was pumped into storm water ponds in order to allow suspended sediment to settle prior to being discharged. Stockpiles were covered, and BMPs around drain inlets were maintained.

At the time of the CPUC EM's site visit on Thursday, January 5th, crews were preparing the site for upcoming storm events by covering spoil piles with plastic surrounded by fiber rolls, maintaining BMPs, and cleaning up trash (see Figure 2). The CPUC EM walked around the site and inspected BMPs, which were noted to be functional.

Week of January 9 - 15

No construction activities occurred during the week due to wet weather conditions. Culverts in front of the substation site along Old Redwood Highway were cleaned, new plastic was placed on some of the stockpiles, and some equipment was demobilized from the site.

Construction activities at the site are suspended until there is a sufficient period of dry weather to complete construction of the substation pad. Areas of bare soil will be stabilized in accordance with SWPPP requirements and SWPPP inspections associated with storm events will continue to be performed. Environmental inspections will continue to be performed on a weekly basis.

The culvert on Herb Lane at Old Redwood Highway was blocked with debris not associated with the construction project. After a discussion with a landowner on Herb Lane, PG&E contacted the Town of Windsor and was informed that it is the landowner’s responsibility to maintain culverts on private roads. On January 12th, PG&E had a vacuum truck remove the debris from the culverts in front of the substation site, including the culvert under Herb Lane. In addition, some potholes along Herb Lane were filled. PG&E’s substation property extends to the middle of Herb Lane.

At the time of the CPUC EM site visit on January 11th, no crews were working at the site and it was lightly raining. The CPUC EM walked along the perimeter of the substation site on the north side along Herb Road (see Figure 3). No water was observed flowing off-site, except what was flowing through the drainage inlets, which were surrounded with BMPs (see Figure 4). The unnamed ephemeral creek was running fairly clear (see Figure 5).

Environmental Compliance:

1. PG&E’s Environmental Inspector (EI), Vicki Trabold, conducted a weekly inspection on January 3rd. No construction activities were occurring at the time of the inspection. No compliance issues were noted.
2. PG&E’s EI, Karla Marlow, conducted a weekly inspection on January 9th. No construction activities were occurring at the time of the inspection. BMPs, storm water ponds, and wetland areas were checked while inspecting the site. No compliance issues were noted.
3. SWPPP inspections by Steve Stetson (AHTNA) were performed January 3 – 6, and January 9 - 13. On January 11, it was recommended that the hand wash station be placed within secondary containment due to flooding in the northeast corner of the site.
4. Traffic warning signs for construction were staged on Old Redwood Highway during work activities.
5. The CPUC EM observed that the site was neat and clean, and that SWPPP measures were in place. Silt fencing was installed around the wetland areas on the west and south sides of the substation site, and was in good working condition. Environmentally Sensitive Area fencing was also installed around oak trees for protection. Soil piles were covered with plastic and surrounded by fiber rolls, and drainage inlets were protected with fiber rolls and sandbags. All observed work activities were in compliance with mitigation measures (MMs), Applicant Proposed Measures (APMs), and other permit requirements.

12 kV Distribution Line Underbuild and Reconductoring Work

The request for NTP #2 for the 12 kV distribution line underbuild and reconductoring work is expected to be submitted to the CPUC in January or February 2017.

Notices to Proceed

Table 1 summarizes the Notices to Proceed (NTP) for the Windsor Substation Project.

Table 1
Notice to Proceeds (NTPs)
(Updated 1/18/17)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	5/17/16	6/15/16	Windsor Substation	Windsor Substation component of the Project.

NTP #	Date Requested	Date Issued	Phase	Description
	To be Submitted		12 kV Line Underbuild & Reconductoring	

Minor Project Changes

Table 2 summarizes the Minor Project Changes submitted for the Windsor Substation Project.

Table 2
Minor Project Changes (MPCs)
 (Updated 1/18/17)

MPC #	Date Requested	Date Issued	Phase	Description
MPC #1	5/17/16	6/15/16	Configuration of the SPCC Pond and Stormwater Flow	Design change to Spill Prevention Control and Countermeasure (SPCC) retention pond and stormwater flow. MPC #1 was incorporated into NTP #1.
MPC #2	5/17/16	6/15/16	Use of Water Truck or Driwater Pods	Use of water truck or driwater pods instead of irrigation system for landscaping. MPC #2 was incorporated into NTP #1.
MPC #3	5/17/16	6/15/16	Replacement of Culverts	Replacement of culverts in existing roadways entering substation site and Herb Lane. MPC #3 incorporated into NTP #1.

PROJECT PHOTOS



Figure 1 – Base rock compacted at substation site – view west-northwest, January 5, 2017.



Figure 2 – Soil piles covered with plastic at the substation site – view south, January 5, 2017.



Figure 3 – Substation site after storm event – view south, January 11, 2017.



Figure 4 – Drainage inlets on the northern side of the substation site, January 11, 2017.



Figure 5 – Unnamed ephemeral creek north of substation, January 11, 2017.