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**PROJECT MEMORANDUM**  
**PG&E WINDSOR SUBSTATION PROJECT**

**To:** Eric Chiang, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** March 30, 2017  
**Subject:** Monitoring Report #10 – March 13, 2017 to March 26, 2017

This report provides a summary of the construction and compliance activities associated with the PG&E Windsor Substation Project which includes the construction of the Windsor Substation, as well as 12 kV distribution line underbuild and reconductoring work (see Exhibit A).

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 on site March 22nd

## **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 March 13 – 19

No construction activity occurred during the week due to wet weather conditions.

#### Week of March 20 - 26

No construction activity occurred during the week due to wet weather conditions.

At the time of the CPUC EM's site visit on Wednesday, March 22, no crews were on site. The CPUC EM inspected the eastern and northern perimeter of the site. Spoil piles within the substation site were covered with plastic and BMPs were in good condition (see Figure 1). No water was observed flowing off-site, except through the drainage inlets, which were protected with BMPs (see Figure 2). There was standing water in the middle and southern areas of the substation site and in the stormwater ponds (see Figure 3). The water flowing in the unnamed tributary on the north side of the site was clear (see Figure 4).

### **Environmental Compliance:**

1. PG&E's Environmental Inspector (EI), Vicki Trabold, conducted an inspection on March 23. BMPs, stormwater ponds, and wetland areas were checked while inspecting the site. No compliance issues were noted. Surveys for special-status species and nesting birds were also performed. A bushtit pair was observed constructing a nest in a 20-foot-tall coast live oak at the southern boundary of the work area near the east end of the wetland fencing. The nest was in the beginning stages, approximately 10% complete, and approximately 40 feet from vehicles parking within the County Transportation yard. This partially constructed nest will continue to be monitored.
2. SWPPP inspections by AHTNA were performed March 15, 20, 21, 22, 23, and 24. All BMPs were observed to be functioning.

- 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. The site was 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 was submitted to the CPUC on February 17, 2017, and additional information provided March 24, 2017. The CPUC approved NTP #2 on March 30, 2017.

### Notices to Proceed

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

**Table 1**  
**Notice to Proceeds (NTPs)**  
(Updated 3/30/17)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	5/17/16	6/15/16	Windsor Substation	Windsor Substation component of the Project.
NTP #2	2/17/17	3/30/17	Reconductoring & 12 kV Line Underbuild	Rebuild a segment of the Fulton No. 1 power line to hold a new double-circuit 12 kilovolt (kV) distribution line underbuild, and reconductoring an existing distribution line along Old Redwood Highway.

### Minor Project Changes

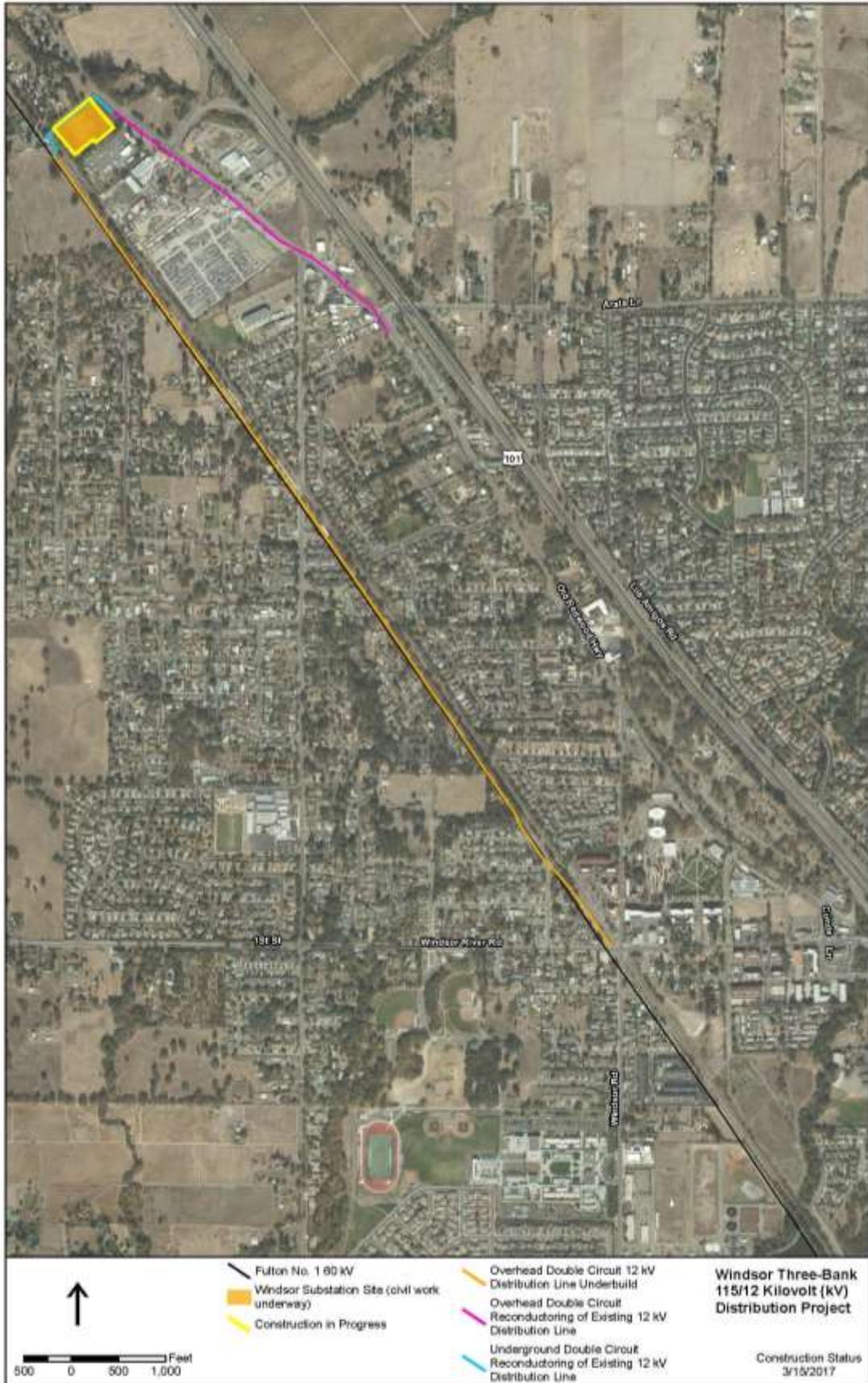
Table 2 summarizes the Minor Project Changes submitted for the Windsor Substation Project.

**Table 2**  
**Minor Project Changes (MPCs)**  
(Updated 3/30/17)

MPC #	Date Requested	Date Issued	Phase	Description
MPC #1	5/17/16	6/15/16	Windsor Substation	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	Windsor Substation	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	Windsor Substation	Replacement of culverts in existing roadways entering substation site and Herb Lane. MPC #3 incorporated into NTP #1.

<b>MPC #</b>	<b>Date Requested</b>	<b>Date Issued</b>	<b>Phase</b>	<b>Description</b>
MPC #4	8/11/16	8/19/16	Windsor Substation	Revision of the Conceptual Landscape Plan based on final design and engineering.
MPC #5	2/17/17	3/30/17	Reconductoring & 12 kV Line Underbuild	Use of crane staged on SMART tracks to replace certain poles along the Fulton No. 1 Power Line submitted with NTP Request #2.
MPC #6	2/17/17	3/30/17	Reconductoring & 12 kV Line Underbuild	Final design and engineering revision to the tubular steel pole (TSP) west of the substation submitted with NTP Request #2.
MPC #7	2/17/17	3/30/17	Reconductoring & 12 kV Line Underbuild	Changes to tree trimming and removal due to construction method changes (crane use on SMART tracks) submitted with NTP Request #2.
MPC #8	2/17/17	3/30/17	Reconductoring & 12 kV Line Underbuild	Additional pull and tension site located on Railroad Avenue between Poles a32 and a33 submitted with NTP Request #2.

EXHIBIT A – CONSTRUCTION STATUS



## PROJECT PHOTOS



Figure 1 – No work at substation site – view south, March 22, 2017.



Figure 2 – Drainage inlets protected with BMPs on north side of substation site – view west, March 22, 2017.



Figure 3 – Middle-southern area of substation site – view southwest, March 22, 2017.



Figure 4 – Unnamed tributary north of substation site, March 22, 2017.