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PROJECT MEMORANDUM
SDG&E VINE 69/12-KV SUBSTATION PROJECT

To: Eric Chiang, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: September 28, 2016
Subject: Monitoring Report #5: September 11 to September 24, 2016

Introduction

This report provides a summary of the construction and compliance activities associated with San Diego Gas and Electric's (SDG&E) Vine 69/12-kV Project.

A summary of the Notice to Proceed (NTP) for construction is provided below. The status of Temporary Extra Workspace (TEWS) and Minor Project Changes (MPCs) is provided in Table 1.

CPUC Environmental Monitor (EM): Jenny Slaughter was onsite September 13-14, 2016.

Work Schedule: Construction at the Vine Substation Site was conducted Monday-Friday between 7:00am and 3:00pm.

CPUC NTPs

NTP #1: Construction of the Vine 69/12-kV Substation Project

NTP #1 was issued by CPUC on June 8, 2016 for the entirety of the Vine 69/12-kV Substation Project, including construction of the Vine Substation, 12 kV distribution relocation, 69 kV Loop in, and telecom system upgrades.

Construction & Compliance

Vine Substation Construction

Summary of Activity: Please see Exhibit A

1. Construction began at the Vine Substation site on August 17, 2016. Construction activities are being conducted by Patriot Engineering. The civil, below grade portion of the substation construction is scheduled to be completed in January 2017.
2. Patriot crews completed BMP and perimeter fence installation along the southwestern site boundary.
3. Site grading continued. Material is being stockpiled on site, then replaced and compacted (see Figures 1-3).
4. Ground-grid installation was completed along the southwestern edge of the site.
5. On September 12, another accidental release of hydrant water occurred when the water truck on site drove off while the hose was still connected to a hydrant located immediately outside of the site fence along Kettner Boulevard. The hydrant valve was shut off as soon as personnel could access the hydrant. The water sprayed onto Kettner Boulevard, ran off onto the substation site, and into a storm drain inlet located on Vine Street. Once in the storm drain, water was observed leaking onto the site via the unmarked, damaged culvert discovered earlier. SDG&E contacted the City to investigate the damaged storm drain.



6. A site visit was conducted by the City of San Diego Resident Engineer and a representative from the City's Stormwater Maintenance Department on September 15 to investigate the unmarked storm drain culvert near the southwestern site border. Further testing will be necessary to determine how the repairs will be completed.
7. On September 16, porcelain, milk glass, and ceramic tile fragments were identified by the archeological monitor on site. The finds were identified in fill material and work was allowed to continue.

12-kV Relocation (Columbia Segment – 12 kV Underground)

Summary of Activity:

8. Cable installation along the Columbia Segment was conducted by Henkels and McCoy crews between September 19 and 21. One small section remains to be completed along Palm Street. Final paving along the Columbia Segment is scheduled to being the first week in October and is expected to take approximately 3 days.

Exhibit A – Construction Status



Environmental Compliance

No concerns were identified by the CPUC EM or reported by SDG&E during the subject period.

69 kV Loop In

Summary of Activity

No work occurred.

Telecom System Upgrades

Summary of Activity

No work occurred.

Temporary Extra Workspaces (TEWS) and Minor Project Changes

Table 1 summarizes the TEWS for the Vine Substation Project.

Table 1
Temporary Extra Workspaces (TEWS)
 (Updated 09/28/16)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
TEWS #1	07/20/16	07/20/16	12 kV Underground	Requests the use of an existing graveled portion of the Witherby Substation for equipment and materials staging.
TEWS #2	07/21/16	07/21/16	12 kV Underground	The use of a paved, private parking area along Laurel Street for the large excavator.
TEWS #3	08/15/16	08/16/16	12 kV Underground	Use of paved, private parking lot (currently empty) for Underground contractor's equipment and materials storage.
MPC #1	08/31/16	09/09/16	12 kV Underground	Continued use (beyond 60 days) of Kettner and Witherby yards.

PROJECT PHOTOGRAPHS



Figure 1 – Mass grading operations in process at the Vine Substation site.



Figure 2 – Mass grading operations in process at the Vine Substation site.



Figure 3 – Watering for dust control and compaction is taking place on a regular basis.