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PROJECT MEMORANDUM
SCE WEST OF DEVERS (WOD) UPGRADE PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: March 30, 2018
Subject: Monitoring Report #12: March 12 to March 25, 2018

Introduction

This report provides a summary of the construction and compliance activities associated with Southern California Edison’s (SCE) West of Devers (WOD) Upgrade Project.

CPUC Environmental Monitor (EM): Jamie Miner was onsite March 13, 16, 19, and 21.

CPUC Notices to Proceed (NTPs)

Table 1 summarizes the NTPs with construction for the WOD Upgrade Project.

Table 1 - NTPs

(Updated 03/30/18)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	04/04/17	06/29/17	Material Yards	Construction or use of 10 Material Yards
NTP #2	05/18/17	06/29/17	Substation Upgrades	Upgrades to 5 existing Substations
NTP #3	06/05/17	08/10/17	Distribution, Subtransmission, and Telecom	Construction of the Distribution, Subtransmission, and Telecommunication portions of the Project
NTP #4	07/13/17	09/05/17	Transmission	Transmission Line Construction on private lands
NTP #5	08/07/17	03/29/18	Construction on BLM lands	Transmission Line construction on BLM lands

Construction & Compliance

A summary of construction and compliance activities is provided below by NTP.

Material Yards (NTP #1)

As defined in NTP #1, Project material yards (MY) include:

- Mountain View #1 MY
- Lugonia MY
- Grand Terrace MY
- Poultry MY



- San Timoteo MY
- Beaumont #1 MY
- Beaumont #2 MY
- Matich MY
- Hathaway #2 MY
- Devers MY

CPUC granted authorization for material storage at the Devers MY in early October 2017. This authorization did not include any activities associated with construction or yard improvements, which are not expected to be required.

After verification that preconstruction measures had been fulfilled, CPUC authorization to begin yard preparation work at the Mountain View #1 and Poultry MYs was provided on February 14, 2018, and authorization for the Beaumont #2 MY was granted on March 2, 2018.

Summary of Construction Activity

1. For the currently approved material yards, Cunningham Davis Construction (CDC) is performing grading, soil compaction, and road base installation. Cold Smoke Fence Company is installing chain link fencing. Mod Space is delivering and constructing office trailers.
2. Work associated with the Mountain View #1 MY included site grading, soil compaction, road base installation (see Photo 1). Chain link fencing installation continued.
3. Work associated with the Poultry MY included site grading, soil compaction, installation of rock base, and delivery and construction of office trailers.
4. Work associated with the Devers MY included ongoing delivery of construction materials.
5. No construction activities occurred at the Beaumont #2 MY during the subject reporting period.

Environmental Compliance

1. On March 23, the SCE Biological Monitor observed the fence installation crew working outside of approved disturbance limits at the southwest corner of the Poultry MY. Subsequently, the work resulted in equipment tracks over approximately 5100 square feet of ground in the unapproved area (see Photo 2). The SCE Biological Monitor immediately halted work and notified the crew of the issue and the crew relocated to a work area inside of the approved disturbance limits. No impacts to sensitive resources were observed or reported.
2. Two SWPPP maintenance items associated with NTP #1 were recorded during the monitoring period (see Photo 3). Each of these items was resolved and closed (see Photo 4). To date, there are no open SWPPP maintenance items associated with NTP #1.
3. No special-status species were observed during the monitoring period at locations associated with NTP #1.
4. With the exception of the item noted above, all construction activities associated with NTP #1 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.

Substations (NTP #2)

A total of five substations are identified for improvements in NTP #2. These include:

- Etiwanda Substation
- San Bernardino Substation
- Vista Substation
- El Casco Substation
- Devers Substation

Summary of Construction Activity

1. For the current substation construction activities, site supervision is being provided by Circle Wood Services and bus position replacement, reconductoring, and CCVT installation is being conducted by TTR Substations.
2. Work associated with the El Casco Substation upgrades included demolishing jumpers and installation of new breakers at bus positions (see Photo 5).

Environmental Compliance

1. All construction activities associated with NTP #2 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
2. There were no SWPPP maintenance items associated with NTP #2 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #2.
3. No new nests associated with NTP #2 were identified during the monitoring period. To date, there is one active nest (red-tailed hawk) within work areas associated with NTP #2.
4. No special-status species were observed during the monitoring period at locations associated with NTP #2.

Distribution, Subtransmission, and Telecommunication Work (NTP #3)

As defined in NTP #3, distribution improvements consist of three work packages. These include:

- Dental 12-kV Distribution Circuit (Dental Circuit)
- Reconductor on Juanita Street (Juanita Reconductor)
- Intern 12-kV Distribution Circuit Underbuild (Intern Circuit)

As defined in NTP #3, subtransmission improvements consist of three work packages. These include:

- Removal of San Bernardino-Redlands-Timoteo and the Sand Bernardino-Redlands-Tennessee 66-kV Lines (San Bernardino Removal)
- Relocation of San Bernardino-Redlands-Timoteo 66-kV Lines (San Bernardino-Redlands-Timoteo Relocation)
- Relocation of San Bernardino-Redlands-Tennessee 66-kV Lines (San Bernardino-Redlands-Tennessee Relocation)

As defined in NTP #3, telecommunication improvements consist of six work packages. These include:

- San Bernardino Substation Connection to Redlands Inland Empire District Office (San Bernardino Connection),
- Timoteo-Redlands District Office Fiber Optic Cable Connection (Timoteo-Redlands Connection),
- El Casco Substation Connection to Vista Moreno OPGW (El Casco Connection),
- Maraschino Substation Connection to Devers-Valley OPGW (Maraschino Connection),
- El Casco-Banning Connection to Devers-Vista Skywrap (El Casco-Banning Connection), and
- Banning Substation Connection to Devers-Valley OPGW (Banning Connection).

To date, all telecommunication, distribution, and subtransmission pre-compliance materials associated with NTP #3 have been submitted and approved.

Summary of Construction Activity

1. For the currently approved telecom components, installation of innerduct, and underground and overhead fiber is being performed by SCE crews.
2. Work associated with the Maraschino Connection telecom improvements have been completed.
3. Work associated with the El Casco-Banning Connection telecom improvements included installation of underground fiber and fiber splicing along Oak Valley Parkway.
4. Work associated with the Banning Connection telecom improvements included installing fiber along Wesley Street and San Gorgonio Avenue.

Environmental Compliance

1. All construction activities associated with NTP #3 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
2. There were no SWPPP maintenance items associated with NTP #3 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #3.
3. One new nest (red-shouldered hawk) associated with NTP #3 was reported during the monitoring period. To date, there are three active nests (golden eagle, great horned owl, red-shouldered hawk) within work areas associated with NTP #3. A request for a buffer reduction associated with the golden eagle nest was submitted for agency review on February 15, 2018. On February 23, 2018, USFWS denied the request. Further negotiations between SCE and the agencies are pending.
4. No special-status species were observed during the monitoring period at locations associated with NTP #3.

Transmission Work (NTP #4)

NTP #4 includes descriptions of six transmission line segments, identified as Segments 1 through 6. No work authorized by NTP #4 has occurred.

Summary of Construction Activity

1. No work authorized by NTP #4 has occurred.

Environmental Compliance

1. No new nests associated with NTP #4 were identified during the monitoring period. To date, there is one active nest (red-tailed hawk) within work areas associated with NTP #4.

Transmission Work BLM Lands (NTP #5)

NTP #5 includes the portion of one transmission line segment, identified as Segment 6, which traverses properties managed by the BLM. NTP #5 was approved by BLM on March 29, 2018. To date, no work authorized by NTP #5 has occurred.

Temporary Extra Workspaces (TEWS) and Minor Project Refinements (MPRs)

Table 2 summarizes the TEWS and MPRs for the WOD Upgrade Project to date. MPRs #7, #8, and #9 were reviewed and approved since the last reporting period.

Table 2 - TEWS & MPRs
(Updated 03/30/18)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
Temporary Extra Workspaces (TEWS)				
TEWS #1	10-12-17	10-19-17	Maraschino Connection	Access to Beaumont Cherry Valley District water hydrant meter located near the intersection of Highland Springs Avenue and Crooked Creek, Beaumont.
TEWS #2	11-13-17	11-21-17	El Casco-Banning Connection	Water source on Oak Valley Boulevard.
TEWS #3	12-15-17	12-15-17	Banning Connection	Access to existing poles off of Lincoln Street.
TEWS #4	12-18-17	12-18-17	Banning Connection	Access to existing poles off of Wesley Street.
TEWS #5	12-20-17	12-21-17	Banning Connection	Access to existing poles at intersection of Wesley Street and Old Idyllwild Road
Minor Project Refinements (MPRs)				
MPR #1	11-17-17	11-22-17	Maraschino Connection	Revisions to the amount of new underground telecom construction.
MPR #2	12-13-17	12-15-17	Maraschino Connection	Addition of two vault work areas on Highland Springs Road.
MPR #3	12-21-17	12-28-17	El Casco-Banning Connection	Adjustments to alignment along Oak Valley Parkway
MPR #4	12-27-17	1-3-18	Maraschino/El Casco-Banning Connections	Continued use of two fire hydrants previously approved as TEWS #1 and TEWS #2

TEWS / MPC	Date Requested	Date Issued	Phase	Description
MPR #5	1-16-18	1-22-18	Banning Connection	Continued use of access routes described in TEWS #3, 4, and 5 and temporary access paths through private property along Coyote Trail
MPR #6	2-8-18	2-12-18	Project-wide	Use of 10 water sources to support construction activities
MPR #7	2-23-18	2-28-18	Poultry MY	Temporary water and electrical supply to yard
MPR #8	2-27-18	3-2-18	El Casco Connection/ Segment 1	New telecom splice location and single new steel pole installation
MPR #9	3-26-18	3-27-18	El Casco Connection	Telecom work areas along El Casco Substation access road

CPUC Compliance Incidents, Project Memoranda (PMs) and Non-Compliance Reports (NCRs)

Table 3 summarizes the CPUC Incidents, PMs, and NCRs issued to date.

Table 3
CPUC Incidents, Project Memoranda, and Non-Compliance Reports
 (Updated 03/30/18)

Incident/ PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
Level 1 Incident	Traffic Control Plan	01-30-18	Banning Connection	Traffic control was set up in such a way that diverted flow into active work area and deviated from approved Traffic Control Plan.

PROJECT PHOTOGRAPHS



Photo 1 – Soil compaction occurring at the Mountain View MY (March 13, 2018).



Photo 2 – Equipment tracks from work outside approved limits at the Poultry MY (photo courtesy of SCE FRED) (March 23, 2018).



Photo 3 – Offsite sedimentation from the Poultry MY along the shoulder of San Timoteo Canyon Road. Recorded as a SWPPP maintenance item by SCE inspector (photo courtesy of SCE FRED) (March 16, 2018).



Photo 4 – SWPPP maintenance item along San Timoteo Canyon Road resolved after cleanup by crew (photo courtesy of SCE FRED) (March 19, 2018).



Photo 5 – New bus positions onsite and ready for installation at the El Casco Substation (March 21, 2018).