

May 8, 2020

Mr. Michael Rosauer
Project Manager
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: Monthly Report Summary #15 for the Sanger Substation Expansion Project

Dear Mr. Rosauer,

Construction for the Sanger Substation Expansion Project began on November 5, 2018. This report provides a summary of the compliance monitoring activities that occurred during the period from **January 1 to 31, 2020**, for the Sanger Substation Expansion Project in Fresno County, California. Compliance monitoring was performed to ensure that all project-related activities conducted by Pacific Gas & Electric (PG&E) and their contractors comply with the requirements of the Final Initial Study/Mitigated Negative Declaration (Final IS/MND) for the Sanger Substation Expansion Project, as adopted by the California Public Utilities Commission (CPUC) on July 13, 2017.

Table 1 summarizes CPUC-approved Notice to Proceed (NTP) activities to-date for the Sanger Substation Expansion Project, based on activities proposed in PG&E's Notice to Proceed Requests (NTPRs).

Table 1 CPUC-approved NTP Activities for the Sanger Substation Expansion Project

NTP#	Final NTPR Submittal Date	CPUC NTP Issuance Date	Description of Approved Activities
NTP #1	11/1/2018	11/2/2018	Work within both the existing Sanger Substation footprint and the expansion area, including laydown/staging area setup; installation of access driveways, fencing, foundations, substation equipment, and a microwave tower; and installation of two antenna dishes at an offsite location (Fence Meadow Repeater Station).
NTP #2	6/6/2019	6/7/2019	Work within both the existing Sanger Substation footprint and the expansion area, including laydown/staging area setup; installation of pole foundations, installation of poles, power line stringing, removal of pull sites, and restoration of impacted property.

Table 2 summarizes all CPUC-approved Minor Project Refinements (MPRs) to-date for the Sanger Substation Expansion Project.

Table 2 CPUC-approved MPRs for the Sanger Substation Expansion Project

MPR#	Final MPR Submittal Date	CPUC MPR Approval Date	Description of Minor Project Refinement
MPR #001	5/24/2018	6/12/2018	Minor modifications to the placement and types of poles in the “power line reconfiguration” project component to suit engineering refinements that were made after Final IS/MND approval. The modifications would occur approximately 2,100 feet west; 750 feet east; and 165 feet south of the existing Sanger Substation footprint. In total, there would be modifications to seven poles.
MPR #002	7/17/2018	7/20/2018	An additional temporary laydown yard/staging area (approximately 974 feet by 112 feet) located north of the retention basin, running north between the western boundary of the substation expansion area and the western boundary of the existing Sanger Substation footprint. This area is owned in fee title by PG&E.
MPR #003	11/13/2018	11/14/2018	Use of an existing water well approximately 100 feet north of approved NTP #1 work areas, within the same parcel as the Sanger Substation footprint. PG&E has obtained permission from the landowner to use this well for a specified timeframe. PG&E will access the well pump by foot, and will obtain water from this well for dust control purposes. MPR #3 adds no additional ground disturbance to the existing disturbance footprint, other than impacts from light foot traffic and temporary ground placement of a water hose.

Project Compliance Incidents

Onsite compliance monitoring by the Ecology and Environment, Inc., member of WSP (hereafter referred to as E & E) compliance team during this reporting period focused on spot-checks of ongoing construction activities. Compliance Monitors Evan Studley and Sam Hopstone visited the Sanger Substation construction site on **January 2, 14, and 28, 2020**. CPUC Compliance Monitoring Reports that summarize observed construction activities and compliance events and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Overall, the Sanger Substation Expansion Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program’s (MMCRP) Compliance Plan. Communication between the CPUC/E & E compliance team and PG&E has been regular and effective; the correspondence discussed and documented compliance events, upcoming compliance-related surveys and deliverables, and the construction schedule. Agency calls between the CPUC/E & E and PG&E, along with daily schedule updates and database notifications, provided additional compliance information and construction summaries. Furthermore, PG&E’s weekly compliance status reports provided a compliance summary; a description of construction activities that occurred each week; a summary of compliance with MMCRP conditions (MMs/APMs) for biological, cultural, and paleontological resources; the Storm Water Pollution Prevention Plan (SWPPP); noise and traffic control; onsite hazards; and the Worker Environmental Awareness Program (WEAP), as well as any non-compliance issues and resolutions, and public complaints and notifications.

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Compliance Incidents and Minor Compliance Observations

During the January 2020 reporting period, PG&E did not self-report any compliance incidents, and the CPUC did not issue any compliance incident reports.

Noise Compliance

During the January 2020 reporting period, there were no exceedances of the stipulated noise levels.

Public Concerns

No public concerns were reported during January 2020.

Sincerely,
Ecology and Environment, Inc.

A handwritten signature in black ink, appearing to read 'Silvia Yanez', with a horizontal line extending from the end of the signature.

Silvia Yanez
Project Manager

cc:
Michael Calvillo, PG&E
Carie Montero, Parsons
Lincoln Allen, SWCA

ATTACHMENT 1

CPUC COMPLIANCE MONITORING REPORTS

JANUARY 2, 14, AND 28, 2020



Sanger Substation Expansion Project CPUC Compliance Monitoring Report

Project Proponent	Pacific Gas & Electric (PG&E)	Report No.	CM-CPUCDA-010220
Lead Agency	California Public Utilities Commission (CPUC)	Date (mm/dd/yy)	01/02/20
CPUC Project Manager	Billie Blanchard	Monitor(s)	Danielle Aparicio, Evan Studley
CPUC (E & E) Monitoring Manager	Silvia Yanez	AM/PM Weather	Mostly cloudy, 45°F, calm
CPUC (E & E) Monitoring Supervisor	Ryan Slezak	Start/End time	09:10 AM – 10:30AM
Project NTP(s)	Notice to Proceed (NTP) #2		

SITE INSPECTION CHECKLIST *(Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)*

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all onsite personnel (e.g., construction workers, managers, inspectors, monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (best management practices [BMPs]) been installed, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	X		
Are erosion and sediment control measures (BMPs) installed correctly (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways?	X		
Is dust control being implemented, in accordance with the Dust Control Plan (e.g., access roads watered, haul trucks covered, dirt piles are covered with tarps, pull-outs and streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are vehicles maintaining speed limits: 15 miles per hour (mph) on unpaved roads/10 mph off-road?	X		
Are observed vehicles/equipment arriving onsite clean of sediment/mud and noxious weeds or other plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		

Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources, as appropriate?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are trenches/excavations covered at night, or when not possible, are wildlife escape ramps installed, constructed of earth fill or wooden planks no less than 10 inches wide?	X		
Biology	Yes	No	N/A
Have required preconstruction surveys been completed for biological resources (special status species, raptors and other nesting birds, burrowing owls, San Joaquin kit fox), as appropriate?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, appropriate buffer distance enacted)?	X		
Is project complying with biological monitoring requirements (e.g., if required, are monitors present)?	X		
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features (e.g., is the refueling/maintenance buffer in place within 100 feet of the irrigation ditch)?	X		
Has wildlife (sensitive species or not) been relocated from work areas? If yes, describe below.		X	
Have impacts occurred on adjacent habitat (sensitive or not sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are appropriate buffers/exclusion zones for identified sensitive cultural/paleo resources (e.g., cultural sites) clearly marked and being maintained?			X
Is the project in compliance with cultural/archaeological monitoring requirements (e.g., if required, are monitors present)?	X		
Is the project in compliance with paleontological monitoring requirements (e.g., if required, are monitors present)?	X		
Have there been any work stoppages for potential archaeological, cultural, or paleontological resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place, and no crew members, managers, or monitors are smoking onsite?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		

Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?	X		
Is construction occurring within approved work hours?	X		
Are required noise control measures in place?	X		

AREAS MONITORED

Project areas on and near the substation expansion footprint, existing substation, and the temporary laydown/staging area.

DESCRIPTION OF OBSERVED ACTIVITIES

09:10 AM – We arrived onsite through the northeast entrance gate of the expansion footprint. We met with James Kacerek (PG&E substation foreman) and he provided the current construction progress updates. No construction crew was present at the time of site visit.

09:15 AM – We observed rumble plates leading to the southern entrance/exit gate to be clean of mud and well kept (Photo 4).

09:25 AM – We observed the completed fence along Jensen Avenue; the fence line is along the original project boundary line (Photo 2). We observed the retention basin and were informed about the good intake of water with no overflow (Photo 3).

09:35 AM – We entered the construction trailer and checked the SWPPP binder (Applicant Proposed Measure [APM] GEO-2/APM WQ-1).

09:45 AM – We exited the construction trailer and proceeded north along the western boundary. I observed large puddles of rainwater within the substation expansion footprint, along the western side (Photo 1). Puddles have accumulated due to the uneven, non-graded ground in the area. Mr. Kacerek explained how the crew would need to grade the area to avoid further puddling.

09:55 AM – The trenches within the center of the substation expansion footprint had a small amount of rainwater that would evaporate shortly (Photo 5). The staging area was kept clean and the dumpster was properly covered with a fitted, easy-roll lid. All staged equipment was observed with pans underneath.

10:15 AM – I observed rumble plates leading to the northern entrance/exit gate to be clean of mud. No track-out was observed.

10:30 AM – We exited the site through the northeastern gate.

NEW SENSITIVE RESOURCE DISCOVERIES

MITIGATION MEASURES VERIFIED

APM AIR-1, APM BIO-9, Mitigation Measure (MM) BIO-1, MM BIO-5, APM GHG-1, MM HAZ-1, MM HAZ-2, APM NOI-4, MM TRAN-1

See additional APMs and MMs listed in the Description of Observed Activities section.

RECOMMENDED FOLLOW-UP

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS

COMPLIANCE SUMMARY Below please describe any Compliance Incidents (Level 1, 2, or 3) that have occurred since your last visit. If you observe a compliance issue in the field, please note this on this monitoring form. In addition, Level 1, 2, or 3 Compliance Incidents, fill out and submit a separate Compliance Incident Report Form.

- Level 0 Acceptable.** (*no compliance incidents*)
- Level 1: Minor Problem.** An event or observation that slightly deviates from project requirements, but does not put a resource at unpermitted risk. If you checked this box, describe the incident below and fill out a separate Compliance Incident Form.
- Level 2: Compliance Deviation.** An event or observation that deviates from project requirements and puts a resource at risk, or shows a trend toward placing resources at risk, but is corrected without affecting the resource. Repeated Level 1 Minor Problems left unaddressed may also rise to a Level 2 Compliance Deviation. If box is checked, summarize below and fill out a separate Compliance Incident Form.
- Level 3: Non-Compliance.** An event or observation that violates project requirements and affects a resource. Repeated Level 2 Compliance Deviations left unaddressed may also rise to a Level 3 Incident. An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) APMs or MMs, permit conditions, or approval requirements (e.g., minor project changes, NTP), and/or violates local, state, or federal law. If box is checked, summarize below and fill out a separate Compliance Incident Form.

Compliance Incidents reported by PG&E’s Compliance Team

- PG&E’s Compliance Team reported Compliance Incidents since last CPUC Compliance Monitor visit. If boxed checked, describe issues and resolution status below.

Description: (*include PG&E’s report number*)

New Sensitive Resources




- New biological, environmental, cultural/archaeological, or paleontological discovery requiring compliance with mitigation measures, permit conditions, etc., has occurred since last CPUC Compliance Monitoring visit. If checked, please describe the new discoveries and documentation/verification below.



Description:
None.

Date	Level	Compliance Incident and Resolution	Relevant Mitigation Measure	Corresponding Level 1, 2, or 3 Report #

PREVIOUS COMPLIANCE INCIDENTS OR ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
01/02/20	Expansion footprint		Photo 1 – Minor rain puddling in the substation expansion footprint.
01/02/20	Existing substation		Photo 2 – Completed fence along Jensen Avenue.
01/02/20	Detention pond		Photo 3 – Detention pond is well drained.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/02/20	Expansion footprint		Photo 4 – Rumble plates on the southern entrance are clean of mud and well kept.
01/02/20	Expansion footprint		Photo 5 – Trench in the center of the expansion substation with small amount of rainwater.

Completed by:	Danielle Aparicio
Firm:	Soar Environmental Consulting, Inc.
Date:	01/02/20
Reviewed by:	Evan G. Studley
Firm:	Soar Environmental Consulting, Inc.
Date:	01/03/20



Sanger Substation Expansion Project CPUC Compliance Monitoring Report

Project Proponent	Pacific Gas & Electric (PG&E)	Report No.	CM-CPUCDG-011420
Lead Agency	California Public Utilities Commission (CPUC)	Date (mm/dd/yy)	01/14/20
CPUC Project Manager	Billie Blanchard	Monitor(s)	Evan Studley, Sam Hopstone
CPUC (E & E) Monitoring Manager	Silvia Yanez	AM/PM Weather	Partly cloudy, 53°F, calm
CPUC (E & E) Monitoring Supervisor	Ryan Slezak	Start/End time	12:00 PM – 13:00 PM
Project NTP(s)	Notice to Proceed (NTP) #2		

SITE INSPECTION CHECKLIST *(Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)*

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all onsite personnel (e.g., construction workers, managers, inspectors, monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (best management practices [BMPs]) been installed, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	X		
Are erosion and sediment control measures (BMPs) installed correctly (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways?	X		
Is dust control being implemented, in accordance with the Dust Control Plan (e.g., access roads watered, haul trucks covered, dirt piles are covered with tarps, pull-outs and streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are vehicles maintaining speed limits: 15 miles per hour (mph) on unpaved roads/10 mph off-road?	X		
Are observed vehicles/equipment arriving onsite clean of sediment/mud and noxious weeds or other plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		

Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources, as appropriate?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are trenches/excavations covered at night, or when not possible, are wildlife escape ramps installed, constructed of earth fill or wooden planks no less than 10 inches wide?	X		
Biology	Yes	No	N/A
Have required preconstruction surveys been completed for biological resources (special status species, raptors and other nesting birds, burrowing owls, San Joaquin kit fox), as appropriate?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, appropriate buffer distance enacted)?	X		
Is project complying with biological monitoring requirements (e.g., if required, are monitors present)?	X		
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features (e.g., is the refueling/maintenance buffer in place within 100 feet of the irrigation ditch)?	X		
Has wildlife (sensitive species or not) been relocated from work areas? If yes, describe below.		X	
Have impacts occurred on adjacent habitat (sensitive or not sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are appropriate buffers/exclusion zones for identified sensitive cultural/paleo resources (e.g., cultural sites) clearly marked and being maintained?			X
Is the project in compliance with cultural/archaeological monitoring requirements (e.g., if required, are monitors present)?	X		
Is the project in compliance with paleontological monitoring requirements (e.g., if required, are monitors present)?	X		
Have there been any work stoppages for potential archaeological, cultural, or paleontological resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place, and no crew members, managers, or monitors are smoking onsite?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		

Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?	X		
Is construction occurring within approved work hours?	X		
Are required noise control measures in place?	X		

AREAS MONITORED

Project areas on and near the substation expansion footprint, existing substation, and the temporary laydown/staging area.

DESCRIPTION OF OBSERVED ACTIVITIES

12:00 PM – We arrived onsite and entered through the north gate into the expansion footprint. We checked in with James Kacerek (PG&E substation foreman) who provided a construction progress update. Past work included continuation of trenching and general contractor (GC) work and installing handrails on the stairs of the permanent structure. Current work and future planned work include continuation of trenching and GC installation.

12:10 PM – We walked west along the north boundary to the western swale, observing that the swale drains well (Photo 5) and that no water remained in the swale after the recent storm. The laydown yard was kept in good order and materials were staged neatly. No loose trash was visible in the laydown yard (Photo 3). We proceeded south along the western swale to the southern detention basin. No water remained in the basin; it appeared to drain well (Photo 2).

12:25 PM – We entered the construction trailer and checked the SWPPP binder (Applicant Proposed Measure [APM] GEO-2/APM WQ-1). Inspections until December have been added to the binder.

12:30 PM – We exited the construction trailer, headed north past the permanent buildings, and proceeded east along the southern boundary of the expansion footprint. We observed that handrails have been installed on the stairs leading to the permanent buildings.

12:35 PM – We proceeded north along the eastern boundary. We observed that trenches were roped off to prevent pedestrian access, and earthen escape ramps were used as necessary for wildlife protection (APM BIO-11) (Photo 1).

12:45 PM – We checked in with Mr. Kacerek and no issues needed to be addressed.

13:00 PM – We exited the site through the northern gate.

NEW SENSITIVE RESOURCE DISCOVERIES

MITIGATION MEASURES VERIFIED

APM AES-3, APM BIO-11, Mitigation Measure (MM) BIO-2, APM GEO-2/APM WQ-1, MM HAZ-1, APM NOI-4

See additional APMs and MMs listed in the Description of Observed Activities section.

RECOMMENDED FOLLOW-UP

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS

COMPLIANCE SUMMARY Below please describe any Compliance Incidents (Level 1, 2, or 3) that have occurred since your last visit. If you observe a compliance issue in the field, please note this on this monitoring form. In addition, Level 1, 2, or 3 Compliance Incidents, fill out and submit a separate Compliance Incident Report Form.

- Level 0 Acceptable.** (*no compliance incidents*)
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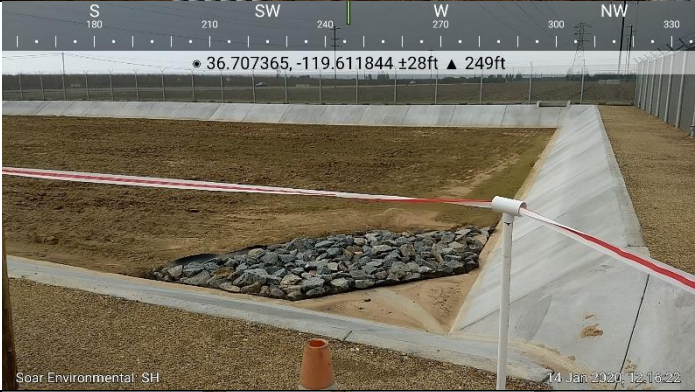


New Sensitive Resources

- New biological, environmental, cultural/archaeological, or paleontological discovery requiring compliance with mitigation measures, permit conditions, etc., has occurred since last CPUC Compliance Monitoring visit. If checked, please describe the new discoveries and documentation/verification below.

Description:
None.

Date	Level	Compliance Incident and Resolution	Relevant Mitigation Measure	Corresponding Level 1, 2, or 3 Report #

PREVIOUS COMPLIANCE INCIDENTS OR ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/14/20	Detention pond		Photo 1 – Open trenches are roped off to prevent pedestrian access. Photo facing west.
01/14/20	Expansion footprint		Photo 2 – Detention basin drains well, and no ponds were present after storm. Photo facing southwest.
01/14/20	Expansion footprint		Photo 3 – Product packaging is in good condition; no loose trash is present on the site. Photo facing east.
01/14/20	Expansion footprint		Photo 4 – Transformer tanks are located on an impervious surface and secured to a stationary structure to maximize stability. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/14/20	Expansion footprint		Photo 5 – Western swale drains well and no ponds were present after a storm. Photo facing south.

Completed by:	Evan Studley
Firm:	Soar Environmental Consulting, Inc.
Date:	01/14/20
Reviewed by:	Sam Hopstone
Firm:	Soar Environmental Consulting, Inc.
Date:	01/15/20



Sanger Substation Expansion Project CPUC Compliance Monitoring Report

Project Proponent	Pacific Gas & Electric (PG&E)	Report No.	CM-CPUCDG-012820
Lead Agency	California Public Utilities Commission (CPUC)	Date (mm/dd/yy)	01/28/20
CPUC Project Manager	Billie Blanchard	Monitor(s)	Sam Hopstone
CPUC (E & E) Monitoring Manager	Silvia Yanez	AM/PM Weather	Clear, 60°F, calm
CPUC (E & E) Monitoring Supervisor	Ryan Slezak	Start/End time	09:00 AM – 09:40 AM
Project NTP(s)	Notice to Proceed (NTP) #2		

SITE INSPECTION CHECKLIST *(Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)*

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all onsite personnel (e.g., construction workers, managers, inspectors, monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (best management practices [BMPs]) been installed, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	X		
Are erosion and sediment control measures (BMPs) installed correctly (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways?	X		
Is dust control being implemented, in accordance with the Dust Control Plan (e.g., access roads watered, haul trucks covered, dirt piles are covered with tarps, pull-outs and streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are vehicles maintaining speed limits: 15 miles per hour (mph) on unpaved roads/10 mph off-road?	X		
Are observed vehicles/equipment arriving onsite clean of sediment/mud and noxious weeds or other plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		

Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources, as appropriate?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are trenches/excavations covered at night, or when not possible, are wildlife escape ramps installed, constructed of earth fill or wooden planks no less than 10 inches wide?	X		
Biology	Yes	No	N/A
Have required preconstruction surveys been completed for biological resources (special status species, raptors and other nesting birds, burrowing owls, San Joaquin kit fox), as appropriate?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, appropriate buffer distance enacted)?	X		
Is project complying with biological monitoring requirements (e.g., if required, are monitors present)?	X		
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features (e.g., is the refueling/maintenance buffer in place within 100 feet of the irrigation ditch)?	X		
Has wildlife (sensitive species or not) been relocated from work areas? If yes, describe below.		X	
Have impacts occurred on adjacent habitat (sensitive or not sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are appropriate buffers/exclusion zones for identified sensitive cultural/paleo resources (e.g., cultural sites) clearly marked and being maintained?			X
Is the project in compliance with cultural/archaeological monitoring requirements (e.g., if required, are monitors present)?	X		
Is the project in compliance with paleontological monitoring requirements (e.g., if required, are monitors present)?	X		
Have there been any work stoppages for potential archaeological, cultural, or paleontological resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place, and no crew members, managers, or monitors are smoking onsite?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		

Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?	X		
Is construction occurring within approved work hours?	X		
Are required noise control measures in place?	X		

AREAS MONITORED

Project areas on and near the substation expansion footprint, existing substation, and the temporary laydown/staging area.

DESCRIPTION OF OBSERVED ACTIVITIES

09:00 AM – We arrived onsite and entered through the south gate into the existing substation footprint. We checked in with Ryan Slezak of Colibri Ecological and James Kacerek of PG&E, who provided a construction progress update. Past work included security crews installing equipment in the control rooms, painting the structures, general contractor (GC) crews trenching, installing conduit, and setting up switches on the switch bases. Current and future work includes continuing trenching, installing conduit, and installing switches.

09:10 AM – We viewed the existing substation footprint and detention pond and observed little to no standing water from previous rain events; all appears to drain well. We proceeded north along the western swale and observed that the swale drains well; no water remained in the swale after recent storms (Photos 1 and 2). The laydown yard was locked but visible through the fence. No activity was ongoing in the laydown yard, only storage of materials and properly contained waste (Photos 4 and 5).

09:15 AM – We reached the northwest corner of the site and observed that fiber rolls along the north boundary remain in good condition. The soil stockpile was covered with a tarp and sandbagged to eliminate erosion during rain (Photo 3). We proceeded east along the northern boundary, and then south along the eastern boundary.

09:30 AM – We entered the construction trailer and checked the SWPPP binder (Applicant Proposed Measure [APM] GEO-2/APM WQ-1). SWPPP inspections through the 01/16/2020 storm have been added to the binder; the Qualified SWPPP Practitioner (QSP) is making regular inspections and updates during the rainy season.

09:35 AM – We checked in with Mr. Kacerek and Mr. Slezak. Mr. Slezak confirmed that bird nesting season starts the following week, and that he will be performing daily wildlife sweeps each morning prior to commencement of work (Mitigation Measure [MM] BIO-2). A different Colibri biologist will be visiting the site beginning in two weeks.

09:40 AM – We exited the site through the southern gate in the existing substation.

NEW SENSITIVE RESOURCE DISCOVERIES

MITIGATION MEASURES VERIFIED

APM AES-3, APM BIO-11, MM BIO-2, APM GEO-2/APM WQ-1, MM HAZ-1, APM NOI-4

See additional APMs and MMs listed in the Description of Observed Activities section.

RECOMMENDED FOLLOW-UP

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS

COMPLIANCE SUMMARY Below please describe any Compliance Incidents (Level 1, 2, or 3) that have occurred since your last visit. If you observe a compliance issue in the field, please note this on this monitoring form. In addition, Level 1, 2, or 3 Compliance Incidents, fill out and submit a separate Compliance Incident Report Form.

- Level 0 Acceptable.** (*no compliance incidents*)
- Level 1: Minor Problem.** An event or observation that slightly deviates from project requirements, but does not put a resource at unpermitted risk. If you checked this box, describe the incident below and fill out a separate Compliance Incident Form.
- Level 2: Compliance Deviation.** An event or observation that deviates from project requirements and puts a resource at risk, or shows a trend toward placing resources at risk, but is corrected without affecting the resource. Repeated Level 1 Minor Problems left unaddressed may also rise to a Level 2 Compliance Deviation. If box is checked, summarize below and fill out a separate Compliance Incident Form.
- Level 3: Non-Compliance.** An event or observation that violates project requirements and affects a resource. Repeated Level 2 Compliance Deviations left unaddressed may also rise to a Level 3 Incident. An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) APMs or MMs, permit conditions, or approval requirements (e.g., minor project changes, NTP), and/or violates local, state, or federal law. If box is checked, summarize below and fill out a separate Compliance Incident Form.

Compliance Incidents reported by PG&E’s Compliance Team

- PG&E’s Compliance Team reported Compliance Incidents since last CPUC Compliance Monitor visit. If boxed checked, describe issues and resolution status below.

Description: (*include PG&E’s report number*)

New Sensitive Resources

- New biological, environmental, cultural/archaeological, or paleontological discovery requiring compliance with mitigation measures, permit conditions, etc., has occurred since last CPUC Compliance Monitoring visit. If checked, please describe the new discoveries and documentation/verification below.

Description:
None.

Date	Level	Compliance Incident and Resolution	Relevant Mitigation Measure	Corresponding Level 1, 2, or 3 Report #

PREVIOUS COMPLIANCE INCIDENTS OR ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/28/20	Existing substation	<p>A wide-angle photograph of a construction site. In the foreground, there is a large, flat, brown dirt area. In the background, several tall metal towers (likely for power lines) are visible against a clear blue sky. A white rope barrier runs across the middle ground. The photo includes a compass overlay at the top with directions N, NE, E, SE and a coordinate overlay: 36.706811, -119.611754 ±28ft ▲ 265ft. The bottom of the photo has the text 'Soar Environmental, SH' and '28 Jan 2020, 09:07:28'.</p>	Photo 1 – Detention basin and western concrete swales are roped off for visibility to cars and to prevent pedestrian access. Photo facing north.
01/28/20	Expansion footprint	<p>A photograph showing a dirt road or path leading towards a construction area. There are several tall metal towers in the background. A white rope barrier is visible on the right side. The photo includes a compass overlay at the top with directions NW, N, NE, E and a coordinate overlay: 36.707911, -119.611567 ±14ft ▲ 252ft. The bottom of the photo has the text 'Soar Environmental, SH' and '28 Jan 2020, 09:09:39'.</p>	Photo 2 – Perimeter road and temporary truck route are kept dry to eliminate rutting. Photo facing north.
01/28/20	Expansion footprint	<p>A photograph of a large pile of dirt or soil covered with a black tarp. The tarp is secured with weights. In the background, there are several tall metal towers. The photo includes a compass overlay at the top with directions NE, E, SE, S and a coordinate overlay: 36.709839, -119.611471 ±24ft ▲ 295ft. The bottom of the photo has the text 'Soar Environmental, SH' and '28 Jan 2020, 09:16:34'.</p>	Photo 3 – The soil stockpile is protected under a heavy tarp to prevent sediment transport during rain. Photo facing east.
01/28/20	Expansion footprint	<p>A close-up photograph of construction materials and equipment. There are several blue tarps covering items, and two blue trash bins are visible. The ground is dirt. The photo includes a compass overlay at the top with directions NW, N, NE, E and a coordinate overlay: 36.708644, -119.611231 ±21ft ▲ 288ft. The bottom of the photo has the text 'Soar Environmental, SH' and '28 Jan 2020, 09:24:40'.</p>	Photo 4 – Material and equipment is kept out of pathways and on pervious surfaces when possible. Work trash bins are kept covered. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/28/20	Existing substation		Photo 5 – Portable toilets are secondarily contained and trash bins are covered. Photo facing north.

Completed by:	Sam Hopstone
Firm:	Soar Environmental Consulting, Inc.
Date:	01/28/20
Reviewed by:	Evan G. Studley
Firm:	Soar Environmental Consulting, Inc.
Date:	01/28/20