



July 8, 2016

Andrew Barnsdale  
Project Manager  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

**Re: Monthly Report Summary #26 for Aliso Canyon Turbine Replacement Project**

Dear Mr. Barnsdale:

This monthly report provides a summary of the compliance monitoring activities that occurred during the period of **May 1 to 31, 2016**, for the Aliso Canyon Turbine Replacement (ACTR) Project (Aliso) in California. Compliance monitoring was performed to ensure that all project-related activities conducted by Southern California Gas Company (SCG), Southern California Edison (SCE), and their contractors are in compliance with the requirements of the Final Environmental Impact Report (Final EIR) for Aliso, as adopted by the California Public Utilities Commission (CPUC) on November 14, 2013, and as further modified in the Addendum to the Final EIR, as approved by the CPUC on December 18, 2014.

The CPUC has issued the following Notices to Proceed (NTPs) for the project to SCG and SCE:

- NTP #1 (February 25, 2014): The Guard House and road widening component.
- NTP #2 (May 27, 2014): Construction of new administrative buildings, removal of old buildings, and development of Fill Sites P-41 and P-43.
- NTP #3 (July 18, 2014): Construction of the Central Compressor Station (CCS), grading for the Natural Substation, and installation of five tubular steel poles (TSPs) and string conductor.
- NTP-A (October 28, 2014): Work along Natural-Newhall-San Fernando and MacNeil-Newhall-San Fernando 66-kilovolt (kV) subtransmission lines and at the San Fernando, Newhall, Chatsworth, Sunshine, and MacNeil substations.
- NTP-B (February 24, 2015): Construction of a portion of Telecommunications Route 3 from the San Fernando Substation to the temporary San Fernando Substation Tap.
- NTP-C (April 14, 2015): Construction and telecommunication installation associated with the MacNeil-Newhall-San Fernando and Natural-Newhall-San Fernando 66-kV subtransmission lines.
- NTP-D (June 8, 2015): Additional construction and telecommunication installation associated with the MacNeil-Newhall-San Fernando and Natural-Newhall-San Fernando 66-kV subtransmission lines, and construction of the Natural Substation.
- NTP-E (September 21, 2015): Additional construction and telecommunication installation on Telecommunications Routes 1, 2, and 3.

Onsite compliance monitoring by the Ecology and Environment, Inc. (E & E) compliance team during this reporting period focused on weekly spot-checks of ongoing construction activities. Compliance Monitor Vince Semonsen visited the Aliso construction site on May 5, 12, 17, and 24, 2016. Site inspection reports that summarize observed construction activities and compliance events and verify mitigation measures (MMs) were completed for all site visits. Reports are attached below (Attachment 1).

Overall, the 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 SCG and SCE has been regular and generally effective, with approximately daily correspondence to discuss and document compliance events, upcoming compliance-related surveys and deliverables, and the construction schedule. Weekly agency calls between CPUC/E & E, SCG, and SCE, along with weekly email updates from SCG and SCE, provided additional compliance information and construction summaries. Furthermore, SCG’s and SCE’s monthly compliance status reports for May 2016 provided compliance summaries and included: a description of construction activities for May 1 to 31, 2016; a detailed look-ahead construction schedule; a summary of compliance with project commitments (applicant proposed measures [APMs]/MMs) for air quality, biological resources, and cultural and paleontological resources; Storm Water Pollution Prevention Plan (SWPPP) measures; noise measures; the Worker Environmental Awareness Training Program (WEAP); a summary of non-compliance incidents; and a list of recent project approvals.

**Compliance Incidents**

No Non-Compliance Reports were issued by the CPUC during May 2016. No non-compliance events occurred during May 2016.

On May 2, 2016, an SCE contractor (Henkels & McCoy [H&M]) was hauling dirt into the PS-42 Fill Site with an off-road earth hauler when it began to slide laterally on the entrance ramp. The fully loaded bed of the truck disengaged from the frame (as designed) and tipped over. The frame and cab of the truck remained upright. No injuries to crew members or damage to the truck occurred. The truck bed was turned upright and an incident investigation was conducted. The investigation determined that the sliding and subsequent overturn of the haul truck occurred due to watering of the entrance ramp, which created slick conditions. On previous days where the same work was occurring, no water had been used; however, after being directed by SCG to utilize dust control techniques, the H&M foreman decided to apply water to the ramp. SCE discussed the incident internally and with SCG to resolve the miscommunication.

On May 5, 2016, an SCE contractor was operating a backhoe and hit a water line on Dewolfe Street near TSP 7. The water line was not previously identified. The water department and Los Angeles County Department of Public Works (LADPW) were notified. The line was repaired within a couple of hours.

**Special Status Species Observations**

Four live newts were observed in total during May 2016. Two newts were relocated, and two dead newts were documented and collected.

**Public Concerns**

No public comments or concerns were received during May 2016.

**Minor Approvals**

During May 2016, several email approvals and Minor Project Refinement (MPR)-J were issued (Table 1).

**Table 1: Minor Approvals for May 2016**

Description	Approval Date
MPR-J for the installation of an ‘inter-set’ pole on the TSP 32 pad. (SCE)	May 6, 2016
Email approval to place and compact spoils from foundation drilling onto the existing dirt road near TSP A2. (SCG)	May 10, 2016
Email approval to repair a portion of the erosional rill below TSP 49. (SCE)	May 26, 2016

Please contact me if you have any questions concerning this summary report.

Sincerely,

A handwritten signature in cursive script that reads "Lara Rachowicz".

Lara Rachowicz  
Project Manager, Ecology and Environment, Inc.

CC:  
Seth Rosenberg, SCG  
Chris May, SCE

# ATTACHMENT 1

CPUC Site Inspection Reports and Site Visit Report  
May 5, 12, 17, and 24, 2016



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	May 5, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS102
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast, cool, and breezy with a chance of rain overnight.
E & E CM:	Lara Rachowicz	Start/End time:	0900 to 1030 checked SCE work. 1045 to 1300 at the Aliso Storage Field.
Project NTP(s):	The new Admin/IM Building (NTP-2), Central Compressor Station (CCS) (NTP-3), PS-42 Fill Site, and the Natural Substation (NTP-3 and NTP-A). TSPs 2 through 42 (NTPs A, C, and D) and the SCE 210 Freeway Yard. Telecommunications Route 2 (NTP-E).		

### SITE INSPECTION CHECKLIST

WEATP Training	Yes	No	N/A
Has WEATP training been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)			
Have temporary erosion and sediment control measures been installed?	X		
Are erosion and sediment control measures properly installed and functioning?	X		
Is mud tracked onto paved public roadways cleaned up in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Is excessive fugitive dust leaving the work area?		X	
Equipment			
Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment turned off when not in use?	X		
Work Areas			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are all excavations and trenches covered at the end of the day?	X		
Are ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?	X		
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities?	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?	X		
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?	X		
Have there been any work stoppages for cultural/paleo resources?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?	X		
Is construction occurring within approved hours?	X		
Are noise control measures in place within 100 feet of sensitive receptors as needed?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

The site visit began at TSP 7. I also checked TSP 32, the entrances to the TSP 24/25 access road, and the TSP 12-21 access road. I checked the PS-42 Fill Site work, the Natural Substation, the new Admin/IM Building, the CCS, and the 12 kV power plant line (PPL) work.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I drove to the TSP 2 location at approximately 0900. No work was taking place. I noticed that invasive mustard plants were still present along the access road.

I drove to the TSP 7 site where a crew was working on the concrete apron near the entrance road gate. The backhoe had hit a water line earlier that morning and water was flowing into the street. Several local water district representatives were onsite; they had just shut off the water and were discussing measures for the water line's repair – see Photo 1. One of the crew was advising residents at nearby homes that their water service may be temporarily interrupted. SCE's SWPPP inspector (Siti) arrived onsite to assess and monitor the situation.

I walked along the TSP 7 access road to look at the restoration work. The stockpiled topsoil had been restored to some of the cut banks and covered with erosion blankets, and some restoration/best management practice (BMP) materials remained at the TSP 7 staging area – see Photos 2 and 4. The access road had been regraded, thereby removing the large rills, and gravel bag check dams were added in certain locations – see Photo 5. I noted numerous invasive plants growing along the access road – see Photo 3.

Invasive plants are a concern at TSP 32.

A new gate has been installed at the entrance to the TSP 24/25 access road – see Photo 6. I checked the entrance to the TSP 12-22 access road; the rumble plates have been removed, and asphalt has been added to the entrance – see Photo 7. I noted invasive plants growing on the restored slopes.

I drove to the Aliso Storage Field and checked in at the ACTR project trailers. I noted that the weeds near the Guard House on the banks of Limekiln Creek had been removed.

At the Oak Tree Mitigation Site, a Quality Ag crew was using a string trimmer to maintain the areas around the oak cages – see Photo 8.

During my site visit, soil from the TSP 49 access road work (see Photo 11) was being delivered to the PS-42 Fill Site (see Photo 9). The drainage pipe had been temporarily disconnected at the PS-42 Fill Site; however, according to Seth Rosenberg (SCG), the pipe was scheduled to be reconnected by the end of the day, as there was a 50% chance of rain. Biological monitor Jasmin Byrd (Jericho Systems) and paleontological monitor Olivia Tierk (PaleoSolutions) were onsite and overseeing the work at TSP 49. Jasmin Byrd had seen several garter snakes, and Olivia Tierk had found a small, fossilized leaf earlier in the week. Some restoration of the TSP 49 access road shoulders had been implemented by the SWPPP crew – see Photo 12.

Only internal activity was being conducted at the Natural Substation. A crew was onsite working on the two 12 kV TSPs near the Natural Substation – see Photo 10.

Construction of the office buildings has begun at the new Admin/IM Building, and work continued within the CCS.

Crews were working on grading the access road and excavating the crane pad for the 12 kV A2-1 pole installation across the creek from the CCS. Juan Miranda (SCG) was onsite as the biological monitor, in addition to a paleontological monitor. I walked the area with Juan Miranda and we discussed the nesting birds around this work site as well as two newts he had observed early in the morning. Oak tree pruning was being overseen by an arborist and looked good.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-5. Report only on MMs pertinent to your observations today)

Onsite monitors were in place and overseeing the construction activities; all construction personnel appear to have gone through the training (APM HZ-6).

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Check on nesting bird buffers throughout the Aliso Storage Field, and confirm proper storage of bird netting.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

Removal of weeds at a number of locations is recommended.

**COMPLIANCE SUMMARY**

Below please describe any non-compliance issues or new biological/cultural discoveries (compliance level 0) that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

- Compliance Level 0: New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.
- Non-compliance Level 1: Violates the project’s environmental requirements but does not immediately put environmental resources at risk. Applicant will need to correct the action and/or prevent repeat incidents of the same issue. If you checked this box, describe the incident below and follow-up to ensure correction.
- Non-Compliance Level 2: (Minor Incident) Level 2 should be those actions that have the potential to cause or cause immediate, minor risk to environmental resources such as activities that result in a deviation from the mitigation measure requirements that result in minor, short-term impact to resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.
- Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, approval (e.g., variances, addendums) requirements, and/or environmental construction specifications; violation of the law; or documented repetitive occurrences of Level 2 Minor Incident events. If you checked this box, please fill out a Non-Compliance Report.
- Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

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

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/05/16	TSP 7 access road		<p>Photo 1 – Work being conducted on the access road; the crew had just hit a water line.</p>
5/05/16	TSP 7 access road		<p>Photo 2 – Topsoil replacement and jute netting has been added to the cut bank into TSP 7.</p>
5/05/16	TSP 7		<p>Photo 3 – Weeds growing on the access road berm.</p>

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/05/16	TSP 7 staging area		<p>Photo 4 – BMP materials stored at the staging area at TSP 7.</p>
5/05/16	TSP 7 access road		<p>Photo 5 – The road has been graded, thereby removing the rills; some BMPs have been added to the roadway.</p>
5/05/16	TSP 24/25 access road		<p>Photo 6 – A new gate has been added to the TSP 24/25 access road.</p>

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/05/16	Entrance to the TSP 12-22 access road		Photo 7 – Asphalt has been added to the entrance.
5/05/16	Oak Tree Mitigation Site		Photo 8 – A crew was trimming in the Oak Tree Mitigation Site.
5/05/16	PS-42 Fill Site		Photo 9 – Soil from TSP 49 access road work is being delivered to the PS-42 Fill Site.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/05/16	Natural Substation		<p>Photo 10 – Overview showing the two 12 kV poles being worked on.</p>
5/05/16	TSP 49		<p>Photo 11 – Excavation of the access road to TSP 49 off of the Natural Substation access road.</p>
5/05/16	TSP 49		<p>Photo 12 – Some restoration has been completed along the TSP 49 access road.</p>

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/05/16	12 kV work at the A2-1 location		Photo 13 – Soil from a crane pad is being brought to the access road.
5/05/16	12 kV work at the A2-1 location		Photo 14 – Rock was added to the roadway. Fencing was installed due to nesting birds.
5/05/16	12 kV work at the A2-1 location		Photo 15 – Excavation of the crane pad.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/05/16	CCS		Photo 16 – Overview of the CCS.



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	May 12, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS103
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear, calm, and warm; temperatures in the 80s in the afternoon.
E & E CM:	Lara Rachowicz	Start/End time:	0730 to 0930 checked SCE work. 0945 to 1300 at the Aliso Storage Field.
Project NTP(s):	The new Admin/IM Building (NTP-2), Central Compressor Station (CCS) (NTP-3), PS-42 Fill Site, and the Natural Substation (NTP-3 and NTP-A). TSPs 2 through 42 (NTPs A, C, and D) and the SCE 210 Freeway Yard. Telecommunications Route 2 (NTP-E).		

### SITE INSPECTION CHECKLIST

WEATP Training	Yes	No	N/A
Has WEATP training been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)			
Have temporary erosion and sediment control measures been installed?	X		
Are erosion and sediment control measures properly installed and functioning?	X		
Is mud tracked onto paved public roadways cleaned up in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Is excessive fugitive dust leaving the work area?		X	
Equipment			
Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment turned off when not in use?	X		
Work Areas			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are all excavations and trenches covered at the end of the day?	X		
Are ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?	X		
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities?	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?	X		
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?	X		
Have there been any work stoppages for cultural/paleo resources?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?	X		
Is construction occurring within approved hours?	X		
Are noise control measures in place within 100 feet of sensitive receptors as needed?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

The site visit began at TSP 7. I checked Drainage #4 along the TSP 24/25 access road and the TSP 25 site. I checked the Oak Tree Mitigation Site, the PS-42 Fill Site work, the Natural Substation, the new Admin/IM Building, the CCS and the 12 kV PPL work.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

The entrance to the TSP 7 access road appears to be complete, with the area in front of the gate now paved – see Photo 1.

I walked to Drainage #4 along the TSP 24/25 access road to look over the area. Some erosion repair and revegetation was needed on the downstream side of the access road where it crosses the new culverts – see Photo 2. There were some construction materials remaining, including a soil pile, riprap rock, and plastic sheeting near the Hilfiker wall – see Photos 3 and 4. At TSP 25, some stakes and wood blocks were stockpiled at the pole. Mustard is growing around the pole site, especially at the base of the Hilfiker wall; there is much more mustard at this location than observed on the surrounding hills – see Photo 5.

I drove to the Aliso Storage Field and checked in at the ACTR project trailers.

At the Oak Tree Mitigation Site, the entire area has been cleared of grasses and weeds.

No additional soil is currently being delivered to the PS-42 Fill Site, as it appears road work is complete at TSP 49 – see Photo 6. Mustard is growing on portions of the PS-42 arroyo that were cleared prior to fill soil delivery.

At the Natural Substation, a two-person crew was using a small excavator to place additional rock at the outfall of the access road drain – see Photo 7. No work was being conducted on the two 12 kV TSPs near the Natural Substation; however, large amounts of conduit appear to have been added to the poles – see Photo 7. Mustard is growing along the Natural Substation access road – see Photo 8.

The final re-contouring of the TSP 49 access road was complete, and SCE crews were installing two McCarthy drains, one along the road and one near the pole – Photos 9 and 10. Biological monitor Jasmin Byrd (Jericho Systems) and paleontological monitor Daniel Nolan (PaleoSolutions) were onsite overseeing the TSP 49 work. I also saw Brian Karpman, SCE's avian biologist, who was finishing up his nest surveys. No work had been conducted on the erosion rill directly below the pole – see Photo 11, and the small topsoil pile remained near the oaks along the access road.

Construction of the office buildings has begun at the new Admin/IM Building – see Photo 12.

The drilling crew had almost completed the first foundation for the 12 kV A2-1 pole located across Limekiln Creek from the CCS – see Photo 13. The foundation was 12 feet in diameter by 60 feet deep, and the crew had drilled to 56 feet deep. The tailings were being stockpiled along an old access road – see Photo 14. The crews were adding water to the hole, so the tailings were quite wet/muddy; however, everything was well contained. AECOM environmental manager, Amandeep Singh, and biologist, Ray Romero, were onsite checking the activities.

Work continued within the CCS – see photo 15. The 12 kV poles near the CCS had numerous wires/conduit placed on them – see Photo 16; work continued on the installation of the blowdown line heading out of the CCS – see Photo 17.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-5. Report only on MMs pertinent to your observations today)

Onsite monitors were in place and overseeing the construction activities; all construction personnel appear to have gone through the training (APM HZ-6).

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Check on nesting bird buffers throughout the Aliso Storage Field, and confirm the proper storage of bird netting.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

Removal of invasive plants at a number of locations is recommended.

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries (compliance level 0) that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

- Compliance Level 0: New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.
- Non-compliance Level 1: Violates the project’s environmental requirements but does not immediately put environmental resources at risk. Applicant will need to correct the action and/or prevent repeat incidents of the same issue. If you checked this box, describe the incident below and follow-up to ensure correction.
- Non-Compliance Level 2: (Minor Incident) Level 2 should be those actions that have the potential to cause or cause immediate, minor risk to environmental resources such as activities that result in a deviation from the mitigation measure requirements that result in minor, short-term impact to resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.
- Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, approval (e.g., variances, addendums) requirements, and/or environmental construction specifications; violation of the law; or documented repetitive occurrences of Level 2 Minor Incident events. If you checked this box, please fill out a Non-Compliance Report.
- Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

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

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/12/16	TSP 7 access road		Photo 1 – Entrance into TSP 7 access road has been finished.
5/12/16	TSP 24/25 access road		Photo 2 – Erosion rill along the access road where it runs into Drainage #4.
5/12/16	TSP 24/25 access road		Photo 3 – Dirt and riprap remains along the access road.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/12/16	TSP 24/25 access road		Photo 4 – Construction debris remains along the access road.
5/12/16	TSP 25		Photo 5 – Mustard growing along the base of the Hilfiker wall.
5/12/16	PS-42 Fill Site		Photo 6 – Some of the PS-42 Fill Site has large amounts of mustard growing.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/12/16	Natural Substation		Photo 7 – Rock being added to the road drain outfall, before it heads into the bioswale.
5/12/16	Natural Substation access road		Photo 8 – Mustard is re-emerging along the access road.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/12/16	TSP 49		<p>Photo 9 – Final re-contouring of the access road.</p>
5/12/16	TSP 49		<p>Photo 10 – Crew installing McCarthy drains near the pole.</p>

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/12/16	TSP 49		Photo 11 – Erosion rill below the pole site.
5/12/16	New Admin/IM Building		Photo 12 – Office buildings are being constructed.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/12/16	12 kV work at the A2-1 location		Photo 13 – Drilling rig and tailings from the foundation hole.
5/12/16	12 kV work at the A2-1 location		Photo 14 – Tailings from the drilling operation stockpiled along an existing access road.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/12/16	CCS	 An aerial photograph showing a construction site on a hillside. In the foreground, there are some green trees and a chain-link fence. The middle ground features a large building under construction with a steel frame. Several cranes are visible, including a tall yellow tower crane and a blue lattice boom crane. The background shows a dry, hilly landscape under a clear blue sky.	Photo 15 – Overview.
5/12/16	CCS	 A ground-level photograph of a construction site. In the center, there are several tall utility poles. A worker in an orange shirt is visible on the left side. A blue crane is positioned in the middle ground. The ground is covered in gravel. In the background, there are hills and a building under construction. The sky is clear and blue.	Photo 16 – 12 kV poles with additional wire and conduit.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/12/16	CCS blowdown pipe		Photo 17 – Crew installing blowdown pipe.



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	May 17, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS104
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear, calm, and warm; temperatures in the 80s in the afternoon.
E & E CM:	Lara Rachowicz	Start/End time:	0800 to 1030 checked SCE work. 1045 to 1300 at the Aliso Storage Field.
Project NTP(s):	The new Admin/IM Building (NTP-2), Central Compressor Station (CCS) (NTP-3), PS-42 Fill Site, and the Natural Substation (NTP-3 and NTP-A). TSPs 2 through 42 (NTPs A, C, and D) and the SCE 210 Freeway Yard. Telecommunications Route 2 (NTP-E).		

### SITE INSPECTION CHECKLIST

WEATP Training	Yes	No	N/A
Has WEATP training been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)			
Have temporary erosion and sediment control measures been installed?	X		
Are erosion and sediment control measures properly installed and functioning?	X		
Is mud tracked onto paved public roadways cleaned up in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Is excessive fugitive dust leaving the work area?		X	
Equipment			
Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment turned off when not in use?	X		
Work Areas			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are all excavations and trenches covered at the end of the day?	X		
Are ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?	X		
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities?	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?	X		
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?	X		
Have there been any work stoppages for cultural/paleo resources?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?	X		
Is construction occurring within approved hours?	X		
Are noise control measures in place within 100 feet of sensitive receptors as needed?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

TSPs 12-21, TSPs 39, 40, 41, and 49. The PS-42 Fill Site, Natural Substation, new Admin/IM Building, CCS, and 12 kV PPL.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

At 0800 I met with Arcadis personnel Todd White (SCE's lead monitor) and botanist Mary Carroll at the Crescent Valley Mobile Estates (Mobile Estates). We drove along the project access road from TSP 21 back to TSP 12 and checked the status of the pole sites and weeds. Mary Carroll had conducted the preconstruction surveys of the pole sites and had maps showing the locations of the weeds. We compared her maps with the existing post construction conditions and discussed the need for any weed control. At TSP 12, mustard and some native seedlings were noted growing on the disturbed pad – see Photo 1. Mary Carroll did not believe that this amount of weedy vegetation would be a problem, especially since some native vegetation was already colonizing the area. She also pointed out that the mustard found in this location was a perennial called Mediterranean mustard (*Hirschfeldia incana*), which is much less invasive/noxious than black mustard (*Brassica nigra*). Since Mediterranean mustard is a perennial, Mary Carroll suggested that any removal work be by hand pulling, since these plants would grow back if they were cut down with a line trimmer.

TSP 13 looked similar to TSP 12, with a few weeds.

TSP 15 had very little weed growth around the pole, but a fair amount of Mediterranean mustard was growing around the edges of the staging area – see Photo 2. Mary Carroll did not believe this weedy vegetation would create a problem area, but the site could benefit from having a round of weed removal.

At TSP 18, the restored Venturan Coastal Sage Scrub slope was in good condition, with a variety of grasses, weeds, and native plants coming up through the jute netting. A variety of invasive non-native star thistle was noted at this site and Mary Carroll indicated it was one called Tocalote (*Centaurea melitensis*) and not the more noxious yellow star thistle (*Centaurea solstitialis*). Tocalote appeared to be the primary variety of star thistle growing along the SCE project site.

The restored slopes around TSP 21 and the TSP 21 pull site all have a combination of native and non-native plants; therefore, weed control does not seem to be needed at these spots – see Photo 3. There is a short stretch of disturbed/restored area between the pole site and the pull site that has only weeds, including the Mediterranean mustard, Tocalote, and milk thistle – see Photo 4. Mary Carroll indicated that this small area would need some weed control.

Todd White and Mary Carroll continued conducting lily surveys at TSP 21, and I drove to the Aliso Storage Field. I arrived at approximately 1045.

My first stop was the 12 kV A2-1 drilling site where crews were pumping slurry into the foundation hole see – see Photos 5 and 7. The crew foreman (Marc) said they had drilled down to 60 feet, but the incoming water was causing the walls to sluff in, so they decided to fill the hole with slurry and then drill it again. The crews had pumps, hoses, and a baker tank set up in case they needed to pump water out of the hole; water was sitting on top of the slurry – see Photo 6. SCG's biological monitor Juan Miranda was onsite, along with SWPPP inspector Trevor Marshall.

I again met with Todd White and Mary Carroll at the access road into TSPs 39-42. We drove in, and Todd White and I checked for weeds and discussed topsoil restoration; Mary Carroll began the lily surveys. There were no weed issues along the road shoulders – see Photos 8 and 9; in fact, there were numerous native California sage seedlings coming in – see Photo 13. We checked the stockpiled topsoil near TSP 39 and discussed possible restoration locations – see Photo 12. There were numerous barren road shoulders where the soil could be used, and we agreed it might be best to avoid the areas with abundant native recruitment. The lily mitigation area is in good condition, with a number of flowering plants – see Photos 10 and 11.

I checked the PS-42 Fill Site; however, no work was being conducted at that time. I noted numerous Mediterranean mustard plants coming in along the edges of the fill slope all the way down to the lower road – see Photos 14 and 15.

The TSP 49 access road work was complete with some final BMP installation to be finished – see Photo 16. The small topsoil pile had been spread out on the site. No work had been completed on the rill located directly downslope of the pole. SCE crews were installing two McCarthy drains, one along the road and one near the pole – Photos 9 and 10. Biological monitor Jasmin Byrd (Jericho Systems) and paleontological monitor Daniel Nolan (PaleoSolutions) were onsite overseeing the TSP 49 work.

Work was ongoing at the new Admin/IM Building, within the CCS, and for the installation of the blowdown line heading out of the CCS.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-5. Report only on MMs pertinent to your observations today)

Onsite monitors were in place and overseeing the construction activities; all construction personnel appeared to have gone through the training (APM HZ-6).

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Check on 12 kV pole installation.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

Check in with botanist Mary Carroll about weed control recommendations.

#### COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries (compliance level 0) that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

- Compliance Level 0: New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.
- Non-compliance Level 1: Violates the project's environmental requirements but does not immediately put environmental resources at risk. Applicant will need to correct the action and/or prevent repeat incidents of the same issue. If you checked this box, describe the incident below and follow-up to ensure correction.
- Non-Compliance Level 2: (Minor Incident) Level 2 should be those actions that have the potential to cause or cause immediate, minor risk to environmental resources such as activities that result in a deviation from the mitigation measure requirements that result in minor, short-term impact to resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.
- Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, approval (e.g., variances, addendums) requirements, and/or environmental construction specifications; violation of the law; or documented repetitive occurrences of Level 2 Minor Incident events. If you checked this box, please fill out a Non-Compliance Report.
- Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

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

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/17/16	TSP 12		Photo 1 – Evaluation of revegetation at the pole site.
5/17/16	TSP 15		Photo 2 – Site is in good condition, with some mustard ringing the staging area.
5/17/16	TSP 21		Photo 3 – The area is stable, with very little weed growth.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/17/16	TSP 21 pull site		<p>Photo 4 – Weeds growing on a portion of the work site; this area was 100% native vegetation before the project.</p>
5/17/16	12 kV work at the A2-1 location		<p>Photo 5 – Drilling team working on the foundation.</p>
5/17/16	12 kV work at the A2-1 location		<p>Photo 6 – Looking down into the foundation hole as slurry is being pumped in; note the sump pump next to the green slurry injection pipe.</p>

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/17/16	12 kV work at the A2-1 location		Photo 7 – Pumper truck set up on the road below the crane pad.
5/17/16	TSP 40 access road		Photo 8 – Looking up the access road from the pole site.
5/17/16	TSP 40 access road		Photo 9 – Looking down the access road from the pole site.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/17/16	TSP 40		Photo 10 – Mitigation site for lilies.
5/17/16	TSP 40		Photo 11 – Mariposa lily.
5/17/16	TSP 39		Photo 12 – Looking down the hill past TSP 39, the stockpiled topsoil is at the bottom of the road.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/17/16	Access road to TSP 39		<p>Photo 13 – No weed issues along the road shoulders; abundant California sage seedlings coming in.</p>
5/17/16	PS-42 Fill Site		<p>Photo 14 – Mustard growing on the lower portion of the PS-42 Fill Site.</p>
5/17/16	PS-42 Fill Site		<p>Photo 15 – Mustard along the edge of the fill slopes.</p>

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/17/16	TSP 49		Photo 16 – Grading has been completed; some BMP work is still ongoing.



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	May 24, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS105
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast and cool with a slight breeze.
E & E CM:	Lara Rachowicz	Start/End time:	0930 to 1000 checked SCE work. 1030 to 1200 at the Aliso Storage Field.
Project NTP(s):	The new Admin/IM Building (NTP-2), Central Compressor Station (CCS) (NTP-3), PS-42 Fill Site, and the Natural Substation (NTP-3 and NTP-A). TSPs 2 through 42 (NTPs A, C, and D) and the SCE 210 Freeway Yard. Telecommunications Route 2 (NTP-E).		

### SITE INSPECTION CHECKLIST

WEATP Training	Yes	No	N/A
Has WEATP training been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)			
Have temporary erosion and sediment control measures been installed?	X		
Are erosion and sediment control measures properly installed and functioning?	X		
Is mud tracked onto paved public roadways cleaned up in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Is excessive fugitive dust leaving the work area?		X	
Equipment			
Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment turned off when not in use?	X		
Work Areas			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are all excavations and trenches covered at the end of the day?	X		
Are ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?	X		
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities?	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?	X		
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?	X		
Have there been any work stoppages for cultural/paleo resources?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?	X		
Is construction occurring within approved hours?	X		
Are noise control measures in place within 100 feet of sensitive receptors as needed?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

TSPs 2 and 7, the PS-42 Fill Site, Natural Substation, new Admin/IM Building, CCS, and the 12 kV PPL work.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

At 0930, I attempted to access the TSP 2 site, but was unable to get through the gate. I could open the lock, but the gate was broken. I sent a text to SCE's lead monitor Todd White (Arcadis) about the gate. I then drove to TSP 7 and noted that site conditions had not changed, with no weeding completed.

At 1030, I entered the Aliso Storage Field and checked in at the ACTR project offices to discuss the project status with SCG's environmental manager Amandeep Singh (AECOM). I drove to the PS-42 Fill Site; however, no work was being conducted at the site. A fair amount of Mediterranean mustard was growing in and around the PS-42 Fill Site.

At the Natural Substation, work continued on testing the electrical equipment. A crew was working on the A1-1 and A1-2 12 kV poles – see Photo 1. I met with biological monitor Juan Miranda and avian biologist Rob Conohan (both of SCG) and we discussed project activities. According to Rob Conohan, most of the chicks within the identified nests were near fledging. I noted that the red-tailed hawk chicks in the sycamore along the main access road were fully feathered and very close to fledging.

The TSP 49 access road work had been completed; I did note that the old tower foundation was still present – see Photo 2.

A portion of the tailings from the 12 kV A2-1 drilling work was stockpiled on the well pad above the PS-42 Fill Site – see Photo 3. According to Juan Miranda, they are waiting on soil test results to determine whether it can be placed within the PS-42 Fill Site.

At the CCS, work was being conducted for the installation of the blowdown line – see Photo 4. A crew was working on new drain boxes within the CCS facility – see Photo 5. It appeared that rainwater runoff from a large area around the CCS drains through the facility. Without proper engineering, erosion could occur where all of this water exits the site.

At the 12 kV A2-1, work crews had finished drilling the foundation hole and were preparing to set the cage foundation collar – see Photo 6. A drill rig with a 12-foot-diameter drill bit is shown in Photo 7. A crane was parked onsite with its engine idling. I inquired as to why it was running and was told that the battery had died so they were charging it. Photo 8 shows the baker tanks that were holding the fluids that had been pumped from the foundation hole.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-5. Report only on MMs pertinent to your observations today)

Onsite monitors were in place and overseeing the construction activities; all construction personnel appear to have gone through the training (APM HZ-6).

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Check on the 12 kV pole installation and possible weed control work.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

An evaluation of the rainwater runoff draining through the CCS facility is recommended.

**COMPLIANCE SUMMARY**

Below please describe any non-compliance issues or new biological/cultural discoveries (compliance level 0) that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

- Compliance Level 0: New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.
- Non-compliance Level 1: Violates the project’s environmental requirements but does not immediately put environmental resources at risk. Applicant will need to correct the action and/or prevent repeat incidents of the same issue. If you checked this box, describe the incident below and follow-up to ensure correction.
- Non-Compliance Level 2: (Minor Incident) Level 2 should be those actions that have the potential to cause or cause immediate, minor risk to environmental resources such as activities that result in a deviation from the mitigation measure requirements that result in minor, short-term impact to resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.
- Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, approval (e.g., variances, addendums) requirements, and/or environmental construction specifications; violation of the law; or documented repetitive occurrences of Level 2 Minor Incident events. If you checked this box, please fill out a Non-Compliance Report.
- Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

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

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/24/16	Natural Substation and 12 kV poles		Photo 1 – Overview of the Natural Substation also showing some of the work on the A1-1 and A1-2 12 kV poles.
5/24/16	TSP 49		Photo 2 – Some of the old tower foundation below the new pole.
5/24/16	Well pad above the Natural Substation access road		Photo 3 – Stockpiled tailings from the 12 kV drilling operation.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/24/16	CCS		<p>Photo 4 – Installation of the blowdown line continues from the CCS.</p>
5/24/16	CCS		<p>Photo 5 – New drain boxes are being placed within the CCS.</p>
5/24/16	12 kV work at the A2-1 location		<p>Photo 6 – Foundation cage form is being lowered into the hole.</p>

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
5/24/16	12 kV work at the A2-1 location		Photo 7 – Drilling rig remains onsite; soon to leave the area.
5/24/16	12 kV work at the A2-1 location		Photo 8 – Baker tanks that are holding the water and drilling mud.