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December 29, 2014

Andrew Barnsdale
Project Manager
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102-3298

Re: Monthly Report Summary #8 for Aliso Canyon Turbine Replacement Project

Dear Mr. Barnsdale:

This monthly report provides a summary of the compliance monitoring activities occurring during the period **November 1 to November 30, 2014** for the Aliso Canyon Turbine Replacement 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 (CPUC Notice Determination).

The CPUC has issued the following Notices to Proceed (NTP) 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 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, Grading for the Natural Substation, and Installation of Five Tubular Steel Poles and String Conductors
- NTP-A (October 28, 2014): Work along Natural-Newhall-San Fernando and MacNeil-Newhall-San Fernando 66-kV lines and at San Fernando, Newhall, Chatsworth, Sunshine, and MacNeil Substations

On-site compliance monitoring by the CPUC/Ecology and Environment (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 November 6, 13, 19, and 25, 2014. A Site Inspection Report was completed for each visit to summarize observed construction activities and compliance events, and to verify mitigation measures (attached).

Overall, the project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program's Compliance Plan (MMCRP). 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 and upcoming compliance-related surveys and deliverables. 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 November 2014 provided a

robust compliance summary and included: a description of construction activities for November 1-30, 2014; a detailed look-ahead construction schedule; summary of compliance with project commitments (APMs/MMs) for air quality, biological resources, cultural and paleontological resources, Stormwater Pollution Prevention Plan (SWPPP) measures, noise measures, and WEAP training; and a summary of non-compliance incidents.

E & E raised one compliance concern with SCG during this time period involving SWPPP best management practices (BMPs) at the PS-42 Fill Site. During his site visit on November 6, E & E's compliance monitor, Vince Semonsen, noted that straw wattles were being stored near the PS-42 Fill Site but that none had been installed. Although the installation of permanent erosion control measures is part of the PS-42 Fill Site design, SCG's SWPPP did not clearly identify what temporary measures were being implemented during fill site grading and construction activities. On November 12, E & E requested from SCG an updated SWPPP that clearly identified planned temporary measures for this area and a timeframe for when these would be installed. Although SCG indicated that installation would not take much longer than one day, E & E noted that the complexity of the install may require more time than anticipated. Therefore, given that the rainy season was approaching, appropriate BMPs needed to be installed before an impending rain event. On November 19, SCG provided a summary of BMPs that were currently being installed and indicated that the installation would take longer than anticipated but expected to have the installation completed by November 25. On Mr. Semonsen's visit on November 25, installation of the BMPs was partially complete and crews were continuing to install them.

Compliance Incidents

One significant non-compliance event occurred during the November 2014 monitoring period. On November 8, SCE initiated work at the San Fernando Substation without an approved Traffic Control Plan (APM TT-1), which was a condition of approval for NTP-A and MPR-A. In addition, the City of Los Angeles noise regulations for Saturday construction were not followed on November 8 at the San Fernando Substation, which was a violation of APM NS-1, the Noise Control Plan (APM NS-2, MM NS-1), and city regulations. In the October 2014 Monthly Report, E & E reported that SCE required significant guidance to complete their compliance documents and did not sufficiently track their compliance requirements. This resulted in several last-minute submittals and required the CPUC to add unexpected conditions to NTP-A and MPR-A to account for incomplete compliance items (i.e., Traffic Plan, fire department coordination for MM HZ-3). Similar compliance difficulties continued in early November, including insufficient tracking of compliance requirements and last-minute document submittals. Following the non-compliance event on November 8, E & E, CPUC, and SCE had multiple discussions to clarify compliance requirements and specify timeframes for compliance document review and approval, and SCE Management committed to increased oversight to improve compliance with the MMCRP. During the remainder of November, the increased oversight and involvement from SCE Management improved compliance with the MMCRP and communication between SCE and the CPUC/E & E team; increased SCE's understanding of their compliance requirements; and helped implement realistic timeframes for CPUC review and approval of SCE's compliance deliverables.

Two other incidents of note occurred during this reporting period. First, an altercation between two of SCE's contractors occurred on November 9, resulting in a cement contractor disconnecting cement hoses and leaving the site while residual cement was being released from the hoses onto designated disturbance areas near TSP 49. The spill was cleaned up and the individuals involved in the incident did not return to the site. First aid was administered to one individual and a police report was filed. Second, on November 19, safety concerns regarding a crane's position and stability on the crane pad installed near TSP 49 led SCE and its contractor to stop mobilization of the crane and demobilize. While cribbing used to level the crane was being removed, the crane shifted and slipped off the remaining cribbing, slightly damaging one of the crane outrigger pads. A safety zone with no personnel had been established

around the crane and no one was injured. SCE is currently re-evaluating the grading plan for the crane pad and temporary road to TSP 49 with LA County. No environmental resources were damaged during either incident.

Minor Approvals

Email approval was provided during November for an additional parking area, potholing, and utility pole anchoring (see table below). No Minor Project Refinements (MPRs) were approved this month.

Table 1. Minor Approvals this Month

Description	Approval Date
Approval of an additional parking area eliminates the need to park at ingress/egress to the P-32 Fill Site, which could present a safety issue (SCG).	November 12, 2014
Approval of potholing and a new sidewalk guy and anchor avoids impacts to an existing utility line while drilling the nails for the retaining wall (SCG).	November 12, 2014

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

Sincerely,

Lara Rachowicz

Lara Rachowicz
Project Manager, Ecology and Environment, Inc.

CC:
Seth Rosenberg, SCG
Chris May, SCE

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	November 6, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS030
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1). The New Admin/IM Building (NTP-2) and the CCS Site (NTP-3). P-41 and P-43 fill sites (NTP-2), PS-42 Fill Site & the PS-42 rock site and temporary fill site. PS-32 fill site (NTP-3). Natural Substation (NTP-3, NTP-A)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear and breezy (3 to 5 mph) with mild temperatures (71 degrees). No change during the site visit.
E & E CM:	Lara Rachowicz	Start/End time:	0745 hrs to 1100 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43 and PS-32 (SCG). Natural Substation (SCE and SCG).		

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 maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment idling unnecessarily?		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 or ramps installed at 100-foot intervals and 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? Describe: Limekiln Canyon wash	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? Actions taken by applicant:		X	
Hazardous Materials			
Are hazardous materials stored appropriately and are procedures in place to prevent spills?	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 (7am-5pm, M-F)?	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)

Checked the P-41, P-42, PS-43, and the PS-32 fill sites.

Checked the work at the New Admin/IM Building Site and the construction activities at the Guard House.

Checked the vegetation clearing and TSP work at the Natural Substation.

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 checked in at the office and talked to Seth Rosenberg, SCG, about the onsite activities. I also met Ray Romero who is temporarily taking over for Amandeep Singh.

At the PS-42 fill site equipment continues to work on the first fill key at the bottom end of the site – see photo. Straw wattles remain stockpiled at the top of the site - no erosion control measures have been installed within the fill site.

Vegetation clearing continues along the Natural substation access road with removal of the walnut trees starting today – see photo. Able (Quality Ag crew foreman) said he expects to have a crew onsite through next week.

The TSP work continued at the Natural Substation with oversight by fire crews and the Arcadis monitoring team of Todd White (APM BR-1d & APM BR-6) and Joey Raum, the Paleo monitor (MM CR-3, MM CR-6 & MM CR-8). SCE crews were working on TSP 48 where the hole had been bored and they were installing the rebar cage; they hoped to pour this afternoon – see photo. A crew was also grading the access road to TSP 49 – see photo. The project had been Red Flagged earlier in the week due to high winds. I discussed the fire danger with Flint (fire captain) who makes the call on these issues (MM HZ-2). Lucy Cortez the SWPPP monitor was onsite and focused on BMPs and erosion control issues (APM GE-2). She has installed a rain gauge onsite and said the rain over the Halloween weekend measured .23 inches.

- There were two water trucks onsite to cover any dust issues at the two locations (APM AQ-6).
- All the personnel appear to be trained (APM HZ-6) and are staying within the site boundaries (APM BR-2).
- Concrete washout basins were being used and were working well.

The TSP 47 foundation has been poured and is ready for the pole installation – see photo. Lastly, the road signs directing traffic to all the SCE sites have now been installed throughout Aliso canyon.

At P-41 a crew continues to install the chain link fence - see photo. Olivia Tierk the Arch/Paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) is spot checking all of the SCG project activities.

Biological Monitors Anna Lohr and Claire Lacy (APM BR-1d & APM BR-6) are onsite today spot checking all of the SCG project activities. I discussed the oversight work with them at the New Admin/IM Building area where construction crews are working on installing the bio filtration structure – see photo.

At P-43 the dirt work appears to be nearly complete; final restoration will occur once all dirt work on the fill site is complete – see photo.

At the PS-32 fill site a crew is working on compaction and testing of the existing fill material – see photo.

Finally, at the guard house a crew is pouring the roadway, with a pumper truck onsite and concrete trucks coming and going – see photos. The site looks good although some of the silt fencing is in need of some repair.

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

Crews have kept the roadways cleared of loose material (APM AQ-7), there are no dust issues (APM AQ-6), and equipment

seems to be in good working order and use has been minimized (APM AQ-1, APM AQ-2).

All the required oversight monitors are in place and doing a good job, communication between the monitors and the construction crews seems excellent. Work crews all appear to have been trained and have been issued hardhat stickers (APM HZ-6).

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

Installation and maintenance of project BMPs should be monitored as we enter the rainy season.

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.

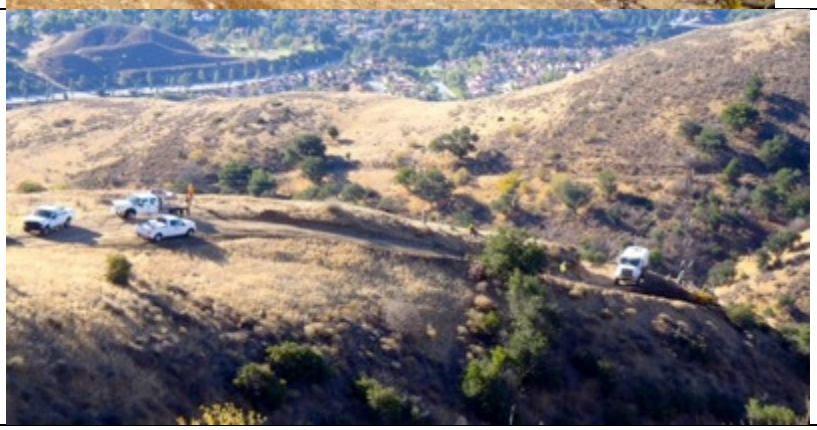
☐ Non-Compliance Level 2: (Minor Incident) Level 2 should be those actions that have the potential to cause or cause immediate, minor risk to environmental resources such as activities that result in a deviation from the mitigation measure requirements that result in minor, short-term impact to resources. 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 #
	N/A		

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/06/14	PS-42 Fill Site		Work continues on the fill key at the bottom of the PS-42 fill site.
11/06/14	Natural Substation Access Rd.		Quality Ag is clearing vegetation within the new Natural substation access road – they are removing the walnut trees.
11/06/14	Natural substation		SCE crews cutting access road and preparing the pad for the TSP 49 installation work.

11/06/14	Natural Substation		Signage installed along the roadways.
11/06/14	Natural Substation		SCE crews preparing to pour the foundation for TSP 48.
11/06/14	Natural Substation		TSP 47 foundation

11/06/14	P-41		A crew continues to work on the chain link fencing.
11/06/14	P-43		Fill material at P-43 ready for restoration and reseeding.
11/06/14	New Admin/IM Building		Dirt work for the Bio-filtration feature.

11/06/14	PS-32 fill site		Crews continue to work the PS-32 site to prepare it for accepting fill material.
11/06/14	Guard House		The roadway is being poured with a pumper truck onsite and concrete trucks coming regularly.
11/06/14	Guard House		The new roadway is being poured around the new guard house.

11/06/14	Guard House		Silt fencing between Limekiln creek and the guard house.

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	November 13, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS031
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1). The New Admin/IM Building (NTP-2) and the CCS Site (NTP-3). P-41, P-43 fill sites (NTP-2), PS-42 Fill Site & the PS-42 rock site and temporary fill site. PS-32 fill site (NTP-3). Natural Substation (NTP-3, NTP-A)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast, cool (64 degrees F) and breezy (2-5 mph). No change during the site visit.
E & E CM:	Lara Rachowicz	Start/End time:	1145 hrs to 1500 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43 and PS-32. Natural Substation and TSP work		

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 maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment idling unnecessarily?		X	
Work Areas			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural	X		

resources?			
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 or ramps installed at 100-foot intervals and 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? Describe: Limekiln Canyon wash	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? Actions taken by applicant:		X	
Hazardous Materials			
Are hazardous materials stored appropriately and are procedures in place to prevent spills?	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 (7am-5pm, M-F)?	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)

Checked the P-41, P-42, PS-43, and the PS-32 fill sites.

Checked the work at the New Admin/IM Building Site and the construction activities at the Guard House.

Checked the vegetation clearing at the Natural Substation.

Checked the TSP work at the Natural Substation.

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 the PS-42 fill site, riprap had been placed/dumped in the small valley below the access road at the base of the fill site per MPR-2 Amendment 2 – see photo. Straw wattles remain stockpiled at the top of the site. No erosion control measures have been installed within the fill site.

Vegetation clearing continues along the Natural substation access road – see photo. Crews are containing their power tools and fuel in plastic tubs to prevent spills.

The TSP work continued at the Natural Substation. TSPs 47 and 48 have been installed, and the foundation has been poured for TSP 49 – see photo. I talked with Ray (SCE foreman) about when they would set TSP 49 and he said they are waiting on the concrete testing. Crews are working on moving wires to the new poles and have begun dismantling one of the old structures – see photos.

- All of the grading work for TSP 49 had minimized ground disturbed (APM AQ-3) – see photo.
- Fire crews were onsite (MM HZ-2).
- SCE oversight monitoring was led by Todd White (APM BR-1d & APM BR-6) and Joey Raum, the Paleo monitor (MM CR-3, MM CR-6 & MM CR-8)
- All the personnel appear to be trained (APM HZ-6) and were staying within the site boundaries (APM BR-2).
- Water trucks are onsite to address any dust issues at the site (APM AQ-6).

At P-41, the chain link fence has been installed and equipment is working on the loose spoil - see photo. Olivia Tierk, the SCG Arch/Paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8), is spot-checking project activities.

Biological Monitors Anna Lohr and Juan Miranda (APM BR-1d & APM BR-6) are onsite today spot-checking SCG project activities. I saw Juan at P-41 and Anna at the New Admin/IM Building area. At the New Admin/IM area a crew is installing the underground infrastructure for the biofiltration feature – see photo.

No work is being done at P-43 or at PS-32. At the Central Compressor Station, an excavator is removing concrete from the area. Also, the electric utility pole anchor was installed.

At the guard house the roadway has been poured with work continuing on the facility. The silt fencing has been repaired.

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

Crews have kept the roadways cleared of loose material (APM AQ-7), there are no dust issues (APM AQ-6), and equipment seems to be in good working order and use has been minimized (APM AQ-1, APM AQ-2).

All the required oversight monitors are in place and communication between the monitors and the construction crews seems excellent. Work crews all appear to have been trained and have been issued hardhat stickers (APM HZ-6).

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

Installation and maintenance of project BMPs should be monitored as we enter the rainy season.

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.

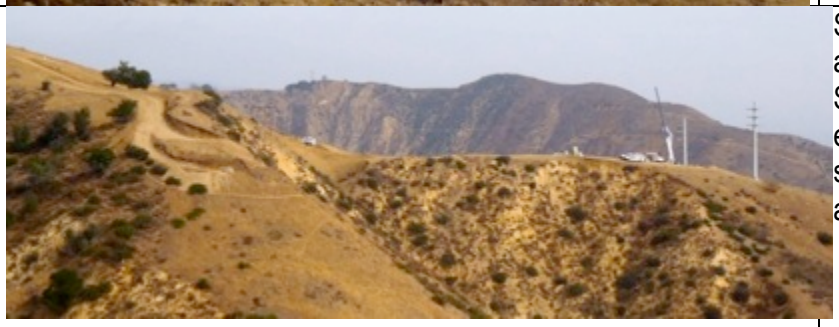
Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #
	N/A		

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

BMPs at the PS-42 Fill Site remain stockpiled; they are still not installed.

Silt fencing at the guard house has been repaired.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/13/14	PS-42 Fill Site		View of the PS-42 fill site looking east back toward the site from across the arroyo.
11/13/14	PS-42 Fill Site		Looking up at the PS-42 fill key (dark soil) from the lower access road.
11/13/14	PS-42 Fill Site		Riprap placed in the valley just below the lower access road.

11/13/14	Natural Substation Access Rd.		Quality Ag continues to clear vegetation within the new Natural Substation access road – they have just finished removing the walnut trees.
11/13/14	Natural Substation		SCE work at TSP 49 and the Natural Substation - looking east back toward the site from across the arroyo.
11/13/14	Natural Substation		SCE crews moving lines to the newly installed TSP 47.

11/13/14	Natural Substation		TSPs 47 & 48 have been installed – lines are being restrung and one of the old towers is being dismantled.
11/13/14	Natural Substation		TSP 49 foundation
11/13/14	TSP 45		The TSP 45 site has been surveyed and straw wattle installed. Topsoil is to be salvaged prior to any earthwork.

11/13/14	P-41		The fence has been completed and a crew is working on stabilization of the loose dirt at the site.
11/13/14	New Admin/IM Building		Installation of the underground infrastructure for the bio-filtration feature.
11/13/14	Central Compresso r Station		An excavator is breaking up and removing concrete from the project site.

11/13/14	Guard House		The new roadway has been poured around the new guard house.

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	November 19, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS032
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1). The New Admin/IM Building (NTP-2) and the CCS Site (NTP-3). P-41, P-43 fill sites (NTP-2), PS-42 Fill Site & the PS-42 rock site and temporary fill site. PS-32 fill site (NTP-3). Natural Substation (NTP-3, NTP-A)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy and cool (60 degrees F) with a slight breeze. It warmed slightly while I was onsite, otherwise there was no change in the weather during this visit.
E & E CM:	Lara Rachowicz	Start/End time:	0830 hrs to 1230 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43 and PS-32. Natural Substation and TSP work		

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 maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment idling unnecessarily?		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 or ramps installed at 100-foot intervals and 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? Describe: Limekiln Canyon wash	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? Actions taken by applicant:		X	
Hazardous Materials			
Are hazardous materials stored appropriately and are procedures in place to prevent spills?	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 (7am-5pm, M-F)?	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)

Checked the P-41, PS-42, P-43, and the PS-42 temporary fill site.

Checked the work at the New Admin/IM Building Site, the CCS area and the construction activities at the Guard House.

Checked the work at the Natural Substation and at TSPs 49 and 45.

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

Biological Monitor Juan Miranda (APM BR-1d & APM BR-6) is onsite and spot-checking all of the SCG project activities. I saw Juan at the PS-42 fill site where a crew is installing the BMPs within the site – see photos. They were putting in straw wattles but will also be replacing a box culvert and will be redirecting offsite storm water runoff around the fill site, pending CPUC approval.

Dirt and rock are being brought to the PS-42 temporary fill site – see photo. The material is coming from the V-ditch work at P-43. A crew is cutting the V ditches at the top of each bench on the P-43 fill slope – see photo.

The SCE work consists mainly of setting the pole at the TSP 49 location – see photo. Water trucks are onsite (APM AQ-6) along with the fire crews (MM HZ-2) and the monitoring team of Todd White, C. J. Fotherington (APM BR-1d, APM BR-6), and Jim McHarry (MM CR-3, MM CR-6 & MM CR-8). The SCE teams were working on setting up the crane that will pick up and install TSP 49. No work is taking place at the Natural Substation but several trucks are parked on site – see photo. C. J. is a botanist who will be assisting Todd in salvaging topsoil, seed bank, and mariposa bulbs at the TSP 45 location. This activity is planned for later in the afternoon.

At P-41 five pieces of equipment are compacting dirt into the fill key – see photo. A water truck is onsite to provide moisture to the soil for compaction and to keep the dust down (APM AQ-6). Olivia Tierk is the SCG onsite Arch/Paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) and is spot-checking all of the project activities.

At the New Admin/IM area a crew continues to install the underground infrastructure for the biofiltration feature – see photo.

At the Central Compressor Station equipment continues to clean-up the site. Concrete is stockpiled in the area. Crews are also working on building temporary roads and installing caissons – see photo.

At the guard house a crew is putting stucco on the building – see photo.

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

Crews have kept the roadways cleared of loose material (APM AQ-7), there are no dust issues (APM AQ-6), and equipment seems to be in good working order and use has been minimized (APM AQ-1, APM AQ-2).

All the required oversight monitors are in place and communication between the monitors and the construction crews seems excellent. Work crews all appear to have been trained and have been issued hardhat stickers (APM HZ-6).

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

Installation and maintenance of project BMP's should be monitored as we enter the rainy season – a 20% chance of rain is predicted for later in the week.

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.

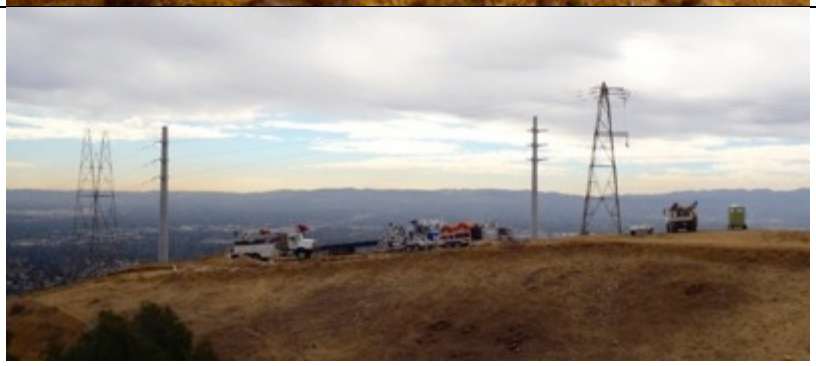
☐ Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

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

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

Temporary BMPs are currently being installed at the PS-42 Fill Site, but installation is not complete and there is a 20% chance of rain predicted for later in the week.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/19/14	PS-42 Fill Site		View looking down into the PS-42 fill site with the fill key on the left and the BMP installation taking place on the slope below the fill key.
11/19/14	PS-42 Fill Site		Looking up at the PS-42 fill key from the lower access road. A crew is installing BMPs on the slope below the fill key.
11/19/14	PS-42 Temporary Fill Site		Rock and dirt is still being brought to the temporary fill site from the P-43 site.

11/19/14	Natural Substation		Work at TSP 49 where a crane is setting up in preparation for installing the TSP 49 pole.
11/19/14	Natural Substation		No work is being done at the Natural Substation but equipment is parked at the site in preparation for restringing lines and old tower removal.
11/19/14	P-41		A backhoe, two loaders, and two excavators are compacting soil into the fill key at the far end of the fill site.
11/19/14	New Admin/IM Building		Installation of the underground infrastructure continues for the bio-filtration feature.

11/19/14	Central Compressor Station		Concrete removal continues and equipment is moving dirt at the project site.
11/19/14	Central Compressor Station		A drilling rig is setting caissons within the CCS area.
11/19/14	Guard House		Work on the guard house continues with stucco being applied to the building.

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	November 25, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS033
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1). The New Admin/IM Building (NTP-2) and the CCS Site (NTP-3). P-41, P-43 fill sites (NTP-2), PS-42 Fill Site & the PS-42 rock site and temporary fill site. PS-32 fill site (NTP-3). Natural Substation (NTP-3, NTP-A)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, clear and breezy with a temp of 65 degrees F. When I left the site the temp had warmed to 71 degrees and the wind had died down.
E & E CM:	Lara Rachowicz	Start/End time:	0815 hrs to 1230 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43 and PS-32. Natural Substation and TSP work		

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 maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment idling unnecessarily?		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 or ramps installed at 100-foot intervals and 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? Describe: Limekiln Canyon Wash	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? Actions taken by applicant:		X	
Hazardous Materials			
Are hazardous materials stored appropriately and are procedures in place to prevent spills?	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 (7am-5pm, M-F)?	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)

Checked the P-41, PS-42, P-43, and the PS-42 temporary fill site.

Checked the work at the New Admin/IM Building Site, the CCS area, and the construction activities at the Guard House.

Checked the work at the natural substation and at TSP 45.

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 the PS-42 Fill Site crews continue to install the BMPs within the site – see photos. They are putting in straw wattles but will also be replacing a box culvert and will be redirecting offsite stormwater runoff around the fill site, pending CPUC approval. Biological Monitor Juan Miranda (APM BR-1d & APM BR-6) is onsite spot-checking all of the SCG project activities. He was touring the AECOM SWPPP inspector around the site.

Dirt and rock is being brought to the PS-42 temporary fill site from the P-43 V ditch work. A crew is still cutting and pouring the V ditches at the top of each bench on the P-43 fill slope.

The pole at the TSP 49 location had not been set as there was an incident with the crane. One old tower remains at the Natural Substation – see photos.

The SCE Onsite Environmental Coordinator Todd White and his monitoring crew of botanist C. J. Fotherington (APM BR-1d, APM BR-6), Jim McHarry (environmental monitor), and a Paleo monitor (MM CR-3, MM CR-6 & MM CR-8) are at the TSP 45 site observing the topsoil removal from the pull site located near the TSP 45 pole – see photo. Water trucks and the fire crews (MM HZ-2) are onsite too. The topsoil is being stockpiled on a nearby well pad. According to Todd, the soil is not to be piled more than 2 feet high – see photo. Todd was concerned that there would not be enough approved space for the topsoil stockpile, and we looked at possible additional stockpile areas and another possible access road.

At P-41, equipment continue to compact dirt into the fill key – see photo. A water truck is onsite to provide for dust control and soil compaction (APM AQ-6). Dave is the onsite Arch/Paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) and he is spot-checking all of the SCG project activities.

At the New Admin/IM area, a one-person crew is compacting the dirt over the underground infrastructure for the biofiltration feature – see photo.

At the Central Compressor Station, equipment continues to work at the site with some grading activities and work on drilling and retaining walls – see photos. This work is being overseen by Joey the SCG Paleo monitor, who indicated that grading work was impacting some native soil. BMPs have been upgraded throughout the CCS site – see photo.

At the guard house, a crews continue to work on the building and are excavating the old roadway – see photo. Biological Monitor, Dave Lohr, is overseeing this work.

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

Crews have kept the roadways cleared of loose material (APM AQ-7), there are no dust issues (APM AQ-6), and equipment seems to be in good working order and use has been minimized (APM AQ-1, APM AQ-2).

All the required oversight monitors are in place and communication between the monitors and the construction crews seems excellent. Work crews all appear to have been trained and have been issued hardhat stickers (APM HZ-6).

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

Installation and maintenance of project BMPs should be monitored as we enter the rainy season.

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.

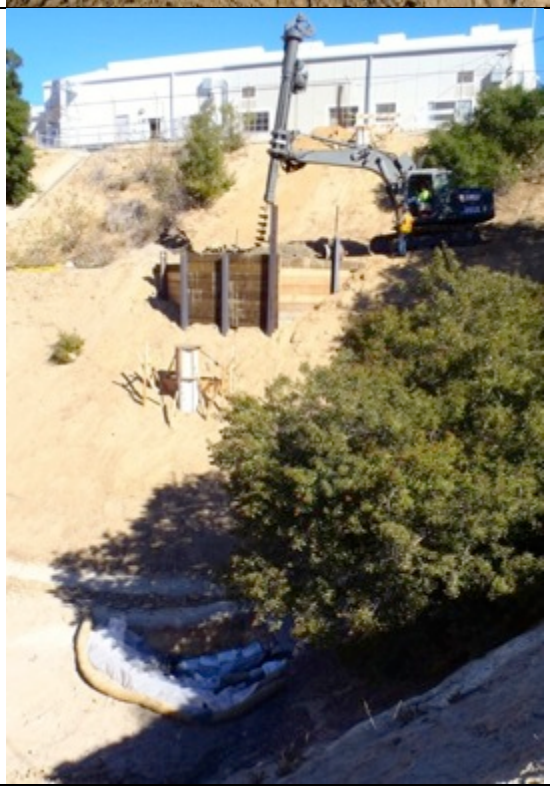
Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #
	N/A		

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

BMP installation at the PS-42 Fill Site has been occurring for at least one week and is still not complete.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/25/14	PS-42 Fill Site and PS-42 Temporary Rock Fill Site		PS-42 Fill Site showing the straw wattle installation. The large pile of fill is the PS-42 temporary rock fill site.
11/25/14	PS-42 Fill Site		Looking up at the PS-42 fill key from the lower access road. Crews continue to install BMPs on the slope below the fill key.
11/25/14	PS-42 Fill Site		Riprap site below the lower access road and BMPs placed along the edge of the road above the site.

11/25/14	Natural Substation		No work is being done at the Natural Substation site. TSPs 47 and 48 can be seen in the photo along with one old tower remaining at the site.
11/25/14	TSP 45		Topsoil salvage at the TSP 45 pull site. Oversight is being provided by both biological and paleo monitors.
11/25/14	TSP 45		Stockpiled topsoil from the TSP 45 pull site.
11/25/14	P-41		Equipment continues to excavate and recompact the fill key.

11/25/14	New Admin/IM Building		Installation of the underground infrastructure continues for the bio-filtration feature.
11/25/14	Central Compressor Station		Work within the CCS area.
11/25/14	Central Compressor Station		A drilling rig continues to work in the CCS area, with work being done on the retaining walls. Note the BMPs installed around the drain inlet below the work.

11/25/14	Central Compressor Station		Grading work within the CCS area. The work was being overseen by a paleo monitor.
11/25/14	Guard House		Work on the guard house continues and equipment working on the road.