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February 27, 2015

Andrew Barnsdale
Project Manager
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 9410298

Re: Monthly Report Summary #10 for Aliso Canyon Turbine Replacement Project

Dear Mr. Barnsdale:

This monthly report provides a summary of the compliance monitoring activities occurring during the period **January 1 to January 31, 2015** 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 (TSPs) and String Conductors
- NTP-A (October 28, 2014; Conditions of Approval [COAs] for San Fernando Substation work met November 8, 2014; COAs for Wiley Canyon work met December 17, 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/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 January 8, 15, 22, and 26, 2015. 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 January 2015 provided robust compliance summaries and included: a description of construction activities for January 1-31, 2015; 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 worker environmental awareness training (WEAP); and a summary of non-compliance incidents.

Compliance Incidents

During the January reporting period, five minor compliance incidents occurred. Compliance incidents involving SCE included:

- On January 5 an archaeological/paleontological monitor provided monitoring support prior to receiving approval by CPUC/E & E. SCE submitted the monitor's resume and received approval from CPUC/E & E on January 6.
- On January 7 an SCE monitor found that the Newhall substation near Wiley Canyon was being used to temporarily store soil spoils and as a concrete washout station without being preapproved as a project staging area. The concrete washout station was immediately removed and CPUC/E & E was consulted regarding the continued use of the substation for temporary stockpiling.

Compliance incidents involving SCG included:

- On January 2 an SCG contractor brought and operated a Tier-2 piece of equipment onsite for less than 20 minutes. The Tier-2 equipment was removed from the site upon determination of its equipment details.
- On January 8 the grading limits at the Natural Substation Access Road were extended 0.14 acres beyond the preapproved boundary. This activity occurred under the oversight of the on-site soils engineer and Los Angeles County Grading Inspector. Immediately prior to grading, 0.01 acre of Venturan Coastal Sage Scrub (VSS) was identified, mapped, and added to the project VSS tracker for mitigation.
- On January 27 an SCG contractor cut a shallow trench between the PS-42 Rock/Boulder Staging Area and the PS-42 Fill Site without having the SCG Environmental Team review the activity and equipment beforehand and without approval from CPUC/E & E. The SCG Environmental and Construction Management teams reiterated to all project staff the necessity for all proposed work and equipment to be reviewed by the Environmental Team prior to commencing.

While the January compliance incidents were all minor and handled promptly by both SCG and SCE, continued attention to compliance with the MMCRP is needed to avoid incidents in the future. The incidents during January appear to be primarily due to a gap in communication between workers doing construction, including contractors, and managers. Incidents this month illustrate the need for clear communication and consistent reminders to construction personnel, especially about the importance of confirming that all work/staging areas and equipment are approved before use. SCG and SCE are responsible for ensuring that all work performed during this project complies with the MMRCP, including work that is not undertaken directly by SCG and SCE.

Public Concerns

No comments or complaints were received from the public regarding this project during January 2015.

Minor Approvals

E-mail approvals were provided during January for use of staging and work areas and for potholing (see Table 1). In the December 2014 Monthly Report, E & E reported that CPUC/E & E requested that SCG not transport fill to the PS-42 Fill Site site due to SWPPP, erosion, and hydrology concerns. Since then, SCG spent considerable effort addressing many of these concerns and, therefore, CPUC/E & E approved

the use of the fill site for the acceptance of fill in January. In addition, one Minor Project Refinement (MPR) was approved during January 2015 (see Table 1).

Table 1: E-mail and MPR Approvals for January 2015

Description	Approval Date
Use of oak tree mitigation site; E-mail Approval (SCG)	January 5, 2015
Use of Newhall Substation for staging temporary soil from TSP work along Wiley Canyon; E-mail Approval (SCE)	January 9, 2015
Use of an area adjacent to Natural Substation for spoil removal activities; E-mail Approval (SCG)	January 12, 2015
Potholing activities near TSPs 34 and 42; E-mail Approval (SCE)	January 19, 2015
Use of PS-42 Fill Site for accepting fill; E-mail Approval (SCG)	January 23, 2015
MPR #5 – Use of Additional Staging Areas: P-41, P-27, and P-69 (SCG)	January 29, 2015

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:	January 8, 2015
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS039
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 Central Compressor Site (NTP-3). P-41 and P-43 fill sites (NTP-2). PS-42 Fill Site and the PS-42 Rock Site and Temporary Fill Site. P-32 fill site (NTP-3) and the Natural Substation (NTP-3, NTP-A). TSP-45, San Fernando Substation and Wiley Canyon (NTP-A).
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny with mild temps (68 degrees F), clear with a temp of 65 degrees F. Temp up to 72 degrees by mid afternoon.
E & E CM:	Lara Rachowicz	Start/End time:	0900 hrs to 1245 hrs within the Aliso gas field, 1300 hrs arrive at the San Fernando Substation, 1400 hrs arrive at Wiley Canyon.
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43 and P-32, Natural Substation, TSP work, and San Fernando Substation.		

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, and P-32 fill sites.

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

Checked the work at the Natural Substation and at TSP 45.

Visited the San Fernando Substation and the Wiley Canyon TSPs

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

Upon arrival at the Aliso Canyon site I discussed the project status with Seth Rosenberg, SCG Compliance Manager, and Amandeep Singh, SCG's consultant, before heading into the field. Amandeep said biological monitors Anna Lohr, Juan Miranda (APM BR-1d & APM BR-6) are onsite along with Arch/Paleo monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8).

At the Guard House the roadway is open to two-way traffic. A crew is working on fencing and on the interior of the building.

At the PS-42 Fill Site a crew is removing the plastic from the slope below the fill key – see photo – and replacing it with fiber matting. While I was onsite the fiber matting was being delivered to the site. Later in the day I discussed with Amandeep my concern with the erosion below the access road. We agreed that the fiber matting may alleviate the problem since the fiber will reduce and slow the amount of water coming off of the slope. The plastic piping seems to have shifted down by the access road and may need some additional stabilization.

Excavation/grading of the Natural Substation has begun with an excavator and dozer working at the site – see photos. The excess dirt was being stockpiled onsite by a large dozer. Some largeish dirt clods were rolling downslope outside of the access road easement – there was not any silt fencing or straw wattle along the easement that might catch and hold this dirt. Juan Miranda was onsite and I discussed this with him – he passed my concerns on to Amandeep. Later in the morning Amandeep and I discussed possible solutions.

Dirt work continues at P-41; a water truck is onsite to provide dust control and soil compaction (APM AQ-6).
At the New Admin/IM area, a crew is working on the caissons – see photo – all looks good.
Dirt is being brought to the P-32 fill site – it is then dumped and compacted – see photo.

At the Central Compressor Station dirt is being loaded for transport to P-32 – see photo. Work continues within the station with compaction and stabilization of the slopes – see photo.

The SCE Onsite Environmental Coordinator Todd White and his monitoring crew of botanist C. J. Fotherington (APM BR-1d, APM BR-6), and paleo monitor Daniel Nolan (MM CR-3, MM CR-6 & MM CR-8) are at the TSP 45 site observing the earthwork for the pull station – see photo. Water trucks and the fire crews (MM HZ-2) are onsite. They are expecting to begin work on TSP 45 within the next couple of days. While I was onsite a peregrine falcon flew in and landed on a pipe rack no more that 100 feet away.

At the San Fernando Substation trenching continuing for the conduit – see photo. This activity was being overseen by paleo/arch monitor, Erica Nicolay. Nothing of significance was seen even though the trench is over 7 feet deep and looks to have reached native soil.

Wiley Canyon work is progressing with foundations having been poured for TSPs 8, 9, and 10. The foundation hole had been dug for TSP 6, the cage had been set, and the forms installed – see photo. The crews were waiting on the cement trucks – a

concrete washout had been set up nearby. Todd White is onsite along with SWPPP monitor Katie Laird and biological monitor Jim McHarry.

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)

Continue to evaluate the effectiveness of the temporary BMPs at PS-42 after rain events.

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:
Continued evaluation of BMPs at the PS-42 Fill Site

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
1/08/15	PS-42 Fill Site		The plastic sheeting is being removed and replace by fiber matting. Note in the picture the piping has shifted as indicated by the stabilizing bar.

1/08/15	P-32 Fill Site		Dirt from the CCS site is being brought to the P-32 fill site. The soil is dumped and then compacted.
1/08/15	Natural Substation		Excavation and grading have begun on the Natural Substation access road.
1/08/15	Natural Substation		Dirt clods can be seen outside of the access road easement.

1/08/15	TSP 45		Backfill and compaction of soil into the pull station continues.
1/08/15	New Admin/IM Building		Work is being done on the caissons.
1/08/15	Central Compress-or Station		Soil is being loaded up for transport to the P-32 fill site.

1/08/15	Central Compress-or Station		Soil compaction and work on the retaining walls continues within the CCS site.
1/08/15	Guard House		The road work has been completed at the Guard House.

1/08/15	San Fernando Substation		Trenching continues for the conduit.
1/08/15	Wiley Canyon TSP 6		The site has been bored, the cage installed, and the forms set. Crews were waiting for the concrete trucks.

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	January 15, 2015
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS040
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening (NTP-1). The New Admin/IM Building (NTP-2) and Central Compressor Site (NTP-3). P-41 and P-43 fill sites (NTP-2). PS-42 Fill Site and the PS-42 Rock Site and Temporary Fill Site. P-32 Fill site (NTP-3) and the Natural Substation (NTP-3, NTP-A). TSP-45 and San Fernando Substation (NTP-A).
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny and 65 degrees F, clear with some gusting winds up to 20 mph. Sunny and warmer at the San Fernando Substation with no wind.
E & E CM:	Lara Rachowicz	Start/End time:	1000 - 1300 hrs within the Aliso gas field, 1330 - 1400 hrs at the San Fernando Substation
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43 and P-32, Natural Substation, TSP work, and San Fernando Substation.		

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 P-32 fill sites.

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

Checked the work at the Natural Substation, at TSP 45, and at the San Fernando 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 drove by the Guard House where the work continued to focus on the interior of the building.

I met with the SCG Environmental Team, Amandeep Singh and Seth Rosenberg, at their office and we discussed the project status. Amandeep said he had 2 biological monitors, 2 paleo/arch monitors, and an arborist onsite. He also said the site had received 1.25 inches of rain over the last weekend (Jan 10 – 11), but there had been no erosion/sediment problems. The storm was gentle with steady, light rain thru the weekend; their SWPPP inspector had checked the site last Tuesday (Jan 13) and found no problems.

At the PS-42 Fill Site crews had installed the fiber down the slope below the fill key before the weekend rains. I saw no erosion problems at the site (APM GE-2) – see photo. No work activity was taking place on the day of my site visit. The diversion pipes looked to have been stabilized and one of the pipes had been shortened – see photo. The shortened pipe looked to have been moved slightly and was now pointing toward the edge of the riprap (it should point directly on the riprap) – see photo.

At the Natural Substation there is grading, excavation, and/or recompaction work taking place at three different locations. The first was a continuation of work seen last week up near the top of the hill, the second area was in the small swale near the oaks, and the third was down the slope to the south of the TSPs – see photos. Biological monitor Juan Miranda (APM BR-1d & APM BR-6), paleo monitor Joey (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) and arborist Bob Huntar (MM BR-15) were all seen at the Natural Substation work area. Straw wattles had been installed along the downslope side of the upper excavation area but large dirt clods still remain outside of the access road easement. The site was quite windy but there were no dust problems.

I drove by the P-43 Fill Site and it had been hydroseeded – see photo. Amandeep said it had been done last Tuesday (Jan 13). Work continues at the P-41 site to prepare it for accepting fill material; all looked good.

At the P-32 Fill Site equipment continues to work at drying out the soil. The rains made the fill site too wet to accept more dirt from the CSS. They were hoping to begin importing more dirt within another day or two.

At the TSP 45 site crews were finishing up the pull site dirt work and were preparing to work at the TSP location. I talked with botanist C. J. Fotherington (APM BR-1d, APM BR-6), who is overseeing the site work. Water trucks (APM AQ-6) and the fire crews (MM HZ-2) are onsite too. Todd White and botanist Mary Carroll had been onsite earlier and Mariposa lily locations had been flagged along the access road and around the TSP 45 site (MM BR-12).

At the Central Compressor Station, equipment continues to cut down the banks followed by stabilization of the steep slopes – see photos.

At the San Fernando Substation I met with Dave Wehman, site representative, who described the ongoing and upcoming work. They are done with the underground work and were currently preparing to repave some of the facility. Equipment was being off-loaded with traffic control being provided by the fire crew (APM TT-1) – see photo. They next plan to “fly” or install the above ground equipment – all looked good.

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 and/or upgraded prior to the next storm system.

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:

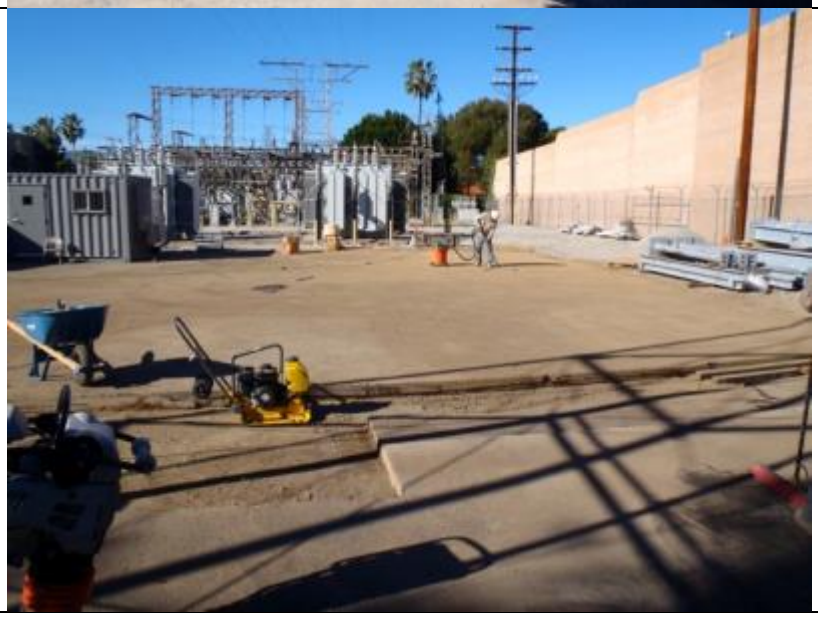
Installation and maintenance of project BMPs should be monitored.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/15/15	PS-42 Fill Site		Fiber matting has been installed, replacing the plastic sheeting below the fill key. The site recently received 1.25 inches of rain.
01/15/15	PS-42 Fill Site		The diversion pipe in the foreground has been shortened.

01/15/15	PS-42 Fill Site		The shortened pipe looks like it has been moved and is now pointing more toward the edge of the riprap; it should point more toward the center of the riprap.
01/15/15	Natural Substation		A crew is recompacting soil into the access road up toward the top of the slope. Note that straw wattle has been installed downslope of the earthwork.
01/15/15	Natural Substation		An excavator and bulldozer are excavating a portion of the access road within a small swale near the oak trees.

01/15/15	Natural Substation		Another crew is digging out a fill key below the substation, to the south of the TSPs.
01/15/15	TSP 45		Crews are finishing up the work on the pull site at TSP 45.
01/15/15	TSP 45		Soil management at the TSP 45 pull site.

01/15/15	P-43		The P-43 fill site was hydroseeded earlier in the week.
01/15/15	Central Compressor Station		Excavation continues at the site.
01/15/15	Central Compressor Station		Crews are stabilizing the cut banks with gunite, a sprayed on cement.

01/15/15	San Fernando Substation		Equipment is being off loaded at the site. Fire crews are acting as traffic control personnel.
01/15/15	San Fernando Substation		The underground work has been completed and they are preparing to repave some of the area. Next up will be to “Fly” the poles for installation.

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	January 22, 2015
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS041
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening (NTP-1). The New Admin/IM Building (NTP-2) and Central Compressor Site (NTP-3). P-41 and P-43 fill sites (NTP-2). PS-42 Fill Site and the PS-42 Rock Site and Temporary Fill Site. P-32 Fill site (NTP-3) and the Natural Substation (NTP-3, NTP-A). TSP-45 and San Fernando Substation (NTP-A).
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy, 65 degrees F, with winds gusting up to 20 mph at the gas field. Sunny, 71 degrees F, and calm at the San Fernando Substation.
E & E CM:	Lara Rachowicz	Start/End time:	1030 - 1315 hrs within the Aliso gas field, 1330 - 1400 hrs at the San Fernando Substation
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43 and P-32, Natural Substation, TSP work, and San Fernando Substation.		

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, and P-32 fill sites. Checked the work at the New Admin/IM Building Site, the Central Compressor Station (CCS), and the construction activities at the Guard House. Checked the work at the Natural Substation, at TSP 45, and at the San Fernando 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)

Work at the Guard House concentrates on installation of the entry gates and the interior work.

Briefly met with the SCG Environmental Team, Amandeep Singh and Seth Rosenberg, at their office and we discussed the project status. I mentioned the diversion pipe at PS-42 that needs to be redirected; they were going to have the BCI crew address it.

I met with biologist Johnnie Grady at the oak mitigation site and he described the work at the site. They are doing soil sampling and non-native vegetation clearing – see photo. Biology monitor Juan Miranda (APM BR-1d & APM BR-6) also stopped by the site; he was spot-checking this work, the work at P-41, and the work at the Natural Substation.

No activity at the PS-42 Fill Site.
At P-41 soil is being brought in from the Natural Substation. The dirt is spread and compacted – see photo.

At the Natural Substation the grading, excavation and recompaction work continues but only at the location near the top of the slope – see photo. It was quite windy up near the substation but it did not slow the work or create a dust problem (APM AQ-6). A paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) was onsite fulltime. All of the crews appear to have been trained and have hardhat stickers (APM HZ-6).

There was no activity at the P-32 fill site, as no soil was being brought there from the CCS.

At the TSP 45 site a small dozer is preparing the access road up to the tower site. I talked with Todd White whose crew is overseeing the work. The crew surveyed for and flagged the Mariposa lilies sprouting along the road and around the TSP location. Botanist C. J. Fotherington (APM BR-1d, APM BR-6) is onsite along with water trucks and the fire crews (MM HZ-2).

At the New Admin/IM Building Site a crew is backfilling the biofiltration site with what looks like pea gravel – see photo. At the Central Compressor Station, equipment continues cutting down the banks followed by stabilization of the steep slopes – see photo.

At the San Fernando Substation I met with Dave Wehman, site representative, who said work is concentrating on installation of the above ground infrastructure and all is going well – see photo. No oversight monitors were onsite.

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 and/or upgraded prior to the next storm system.

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:

Continued inspection and maintenance of project BMPs.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/22/15	Oak Mitigation Site		Work within the oak mitigation site has begun with flagging of natives, soil sampling, and weed wacking of the non-native vegetation.
01/22/15	Natural Substation		Equipment is working on the access road to excavate and recompact the roadway.
01/22/15	P-41		Soil is being brought to the fill site from the Natural Substation access road work.

01/22/15	TSP 45		Crews are grading the access road to TSP 45. Sensitive vegetation has been surveyed and flagged along the road and around the pad.
01/22/15	Central Compressor Station		Excavation work continues at the site along with the slope stabilization.
01/22/15	New Admin/IM Building		Crews are backfilling the biofiltration basin with pea gravel.

01/22/15	TSP 46 access road		The TSP 46 access road is being prepared with gravel and steel plates where it meets the main road.
01/22/15	San Fernando Substation		Installation of the above ground structures has begun.

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	January 26, 2015
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS042
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening (NTP-1). The New Admin/IM Building (NTP-2) and Central Compressor Site (NTP-3). P-41 and P-43 fill sites (NTP-2). PS-42 Fill Site and the PS-42 Rock Site and Temporary Fill Site. P-32 Fill Site (NTP-3) and the Natural Substation (NTP-3, NTP-A). TSP-45 and San Fernando Substation (NTP-A).
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast with mild temps (67 degrees F) and a slight breeze. Continued overcast later in the day at the San Fernando Substation.
E & E CM:	Lara Rachowicz	Start/End time:	0945 - 1215 hrs within the Aliso gas field. Arrive at the San Fernando Substation at 1245 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43 and P-32, Natural Substation, TSP work, and San Fernando Substation.		

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 Oak Mitigation Site and the P-41 and PS-42 fill sites. Checked the work at the New Admin/IM Building Site, the Central Compressor Station (CCS), and the Guard House. Checked the work at the Natural and San Fernando substations.

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

Work at the Guard House continues to focus on installation of the entry gates and interior work.

Briefly met with the SCG Environmental Team, Amandeep Singh and Seth Rosenberg, and we discussed the project status and the small rainstorm expected to come in that evening. It was not expected to drop much rain and did not trigger any additional BMP work.

At the oak mitigation site a small crew continues to clear and grub the site, removing non-native vegetation. Bio monitor Juan Miranda (APM BR-1d & APM BR-6) was at the site.

There was no activity at the PS-42 Fill Site but crews had done some minor maintenance of the BMPs, including slightly relocating the diversion pipe outfall opening – see photo.

At P-41 no soil is being brought in because they are installing a subdrain within the fill material – see photo.

At the Natural Substation the grading, excavation, and recompaction work continues at the two lower fill keys: one in the swale by the oaks and one below TSP 48 – see photos. It appears they have finished backfilling the fill key near the top of the access road. A paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) was onsite fulltime. All of the crews appear to have been trained and have hardhat stickers (APM HZ-6).

There was no activity at the P-32 Fill Site because no soil was being brought there from the CCS.
There was no activity at TSP 45; SCE hopes to excavate for the pole foundation later in the week.
At TSP 46 crews have drilled the foundation hole and have set the cage. Concrete trucks are at the site in preparation for pouring the foundation later in the week.

At the New Admin/IM Building Site a crew continues to backfill the biofiltration site with sand – see photo.

At the Central Compressor Station equipment continues to work cutting down the banks followed by stabilization of the steep slopes – see photo.

At the San Fernando Substation I again met with Dave Wehman, site representative, who said they are concentrating on installation of the above ground infrastructure and all is going well – see photo. No oversight monitors were onsite.

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 and/or upgraded prior to the next storm system.

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:

At the PS-42 Fill Site the diversion pipe outfall opening has been slightly relocated so that water lands directly on the riprap.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/26/15	PS-42 Fill site		No work at the fill site but some basic maintenance of the BMPs has been completed.
01/26/15	Natural Substation Access Rd.		No equipment is working on the upper portion of the access road, as they have backfilled the fill key.

01/26/15	Natural Substation Access Road		Work on the access road fill key continues in the small swale down near the oak trees.
01/26/15	Natural Substation		Backfill and compaction of the fill key below the TSPs continues.
01/26/15	P-41		No soil is being brought to the fill site as crews are preparing to install a subdrain.

01/26/15	Central Compressor Station		Excavation work continues at the site along with slope stabilization.
01/26/15	New Admin/IM Building		Crews continue to backfill the biofiltration basin. Crews are now putting in sand.
01/26/15	San Fernando Substation		Installation of the above ground structures is ongoing.