



November 24, 2014

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

Re: Monthly Report Summary #7 for Aliso Canyon Turbine Replacement Project

Dear Mr. Barnsdale:

This monthly report provides a summary of the compliance monitoring activities occurring during the period **October 1 to October 31, 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/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 October 2, 9, 17, 23, and 30, 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). However, during this time period, SCE required significant guidance to complete their compliance documents and to coordinate with other agencies, necessitating extensive direction and commenting from E & E, followed by multiple revisions of submittals (e.g., Venturan Coastal Sage Scrub Restoration Plan, Noise Plan, and NTPR-A and MPR-A). SCE's insufficient tracking of deliverables and understanding of their compliance requirements led to last-minute submittals and required the CPUC to add several conditions to NTP-A and MPR-A to

account for incomplete plans and coordination (i.e., Traffic Plan, MM HZ-3). Weekly agency calls among CPUC/E & E, SCG, and SCE continued, and several other calls were needed to advance plan revisions and agency coordination.

Non-Compliance Events

No non-compliance events occurred during the October 2014 monitoring period.

Minor Project Refinements

A second amendment was made to MPR-02 (use of PS-42 fill sites) during the October 2014 construction period. The MPR amendment allowed for the installation of rip-rap for erosion control. One other email approval was also given (see table below).

Table 1. Minor Project Refinement Approvals this Month

Description	Approval Date
E-mail Approval: Gravel on access road to reduce fugitive dust and safety issues (better traction)	October 16, 2014
MPR-2 Amendment 2: Installation of rip-rap for erosion control along the access road to the PS-42 fill site	October 27, 2014

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

Sincerely,



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:	October 2, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS025
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), The New Admin/IM Building and the CCS Site (NTP-3). P-43 Fill Site (NTP-2), PS-42 Fill Site, and the PS-42 rock site and temporary fill site.
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, clear day with mild temps (80 to 85 degrees) – windy with gusts up to 35 mph.
E & E CM:	Lara Rachowicz	Start/End time:	0930 hrs to 1145 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, CCS Site, P-41, PS-42 & P-43. Kiewit area.		

SITE INSPECTION CHECKLIST

	Yes	No	N/A
WEATP Training			
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 PS-42 and P-43 Fill sites, and the PS-42 rock site and temporary fill site.

Checked the work at the New Admin/IM Building and at the CCS Site.

Checked the construction activities at the Guard House.

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

Vegetation clearing within the PS-42 fill site is nearly complete with crews clearing the last walnut trees - see photo. This activity is being overseen by Biological Monitor Juan Miranda (APM BR-1d & APM BR-6); no wildlife have been recently seen and/or relocated during the oversight of this work. Able - the crew foreman – expects the work to be completed by Monday of next week. No gas powered equipment is being used because of the hot and windy conditions.

At the PS-42 rock/temporary fill site soil is occasionally brought to the site, only a few loads had been brought so far this morning – see photo. Most of the stockpile is encircled by silt fencing and it is being regularly wet down for dust suppression.

At the P-43 fill site the imported soil continues to be spread and compacted with oversight by the geologist and with spot checking by the Archeological/Paleontological monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) – see photo.

Earth moving continues with a large excavator filling dump trucks that are headed to either P-43 or the temporary rock fill site at PS-42. The geotech drilling has finished in the CCS site and the disturbed area is being recontoured and watered down. Biological Monitor Anna Lohr was onsite at the CCS site.

Work continues at the guard house with compaction of soil under the old roadway – 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), equipment seems to be in good working order and their 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)

N/A

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
10/2/14	PS-42 Fill Site		Brush clearing continues at the PS-42 fill site with crews working on tree removal. They expect to finish on 10/6/14.
10/2/14	PS-42 Fill Site		Veg clearing crews have a fire extinguisher onsite and keep all of their fuel and gas powered equipment in a plastic container. Power equipment was not being used because of the high winds and extremely hot and dry conditions.
10/2/14	PS-42 Rock Site and Temporary fill site.		Rocky soil has been brought up to the PS-42 site. The pile has been kept wet to prevent dust during the hot and windy conditions.

<p>10/2/14</p>	<p>P-43 stockpile area</p>		<p>Work at the P-43 stockpile site continues with soil again being brought to the site from the New Admin/IM Building.</p>
<p>10/2/14</p>	<p>New Kiewit Parking and Trailer Area</p>		<p>An above ground water line has been installed to the Kiewit trailers.</p>
<p>10/2/14</p>	<p>New Admin/IM Building</p>		<p>Soil continues to be excavated and loaded into dump trucks for transport to the PS-42 sites.</p>

10/2/14	CCS Site		<p>The geotech drilling finished on the day of my site visit. The drill rig moved off the site and a crew was restoring and recontouring the area.</p>
10/2/14	Guard House		<p>Work at the guard house continues under the existing roadway.</p>



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	October 9, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS026
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), The New Admin/IM Building and the CCS Site (NTP-3). P-43 Fill Site (NTP-2), PS-42 Fill Site, and the PS-42 rock site and temporary fill site.
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Foggy morning, 68 degrees and no breeze. At noon the skies were clear, temp up to 75 degrees with a slight breeze.
E & E CM:	Lara Rachowicz	Start/End time:	0900 hrs to 1200 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, CCS Site, P-41, PS-42, and P-43.		

SITE INSPECTION CHECKLIST

	Yes	No	N/A
WEATP Training			
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-43 Fill sites, and the PS-42 rock site and temporary fill site.

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

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 a D-8 dozer has cut a road down through the bottom of the fill site as part of the preparation to accept fill dirt - see photos. BCI is doing the work and their foreman (Bill) stated that wattles were coming in and they would be installing them on the steep upper slopes of the site. Bill did not have a WEAP training sticker on his hard hat. When I asked him about this he showed me the sticker on his other hardhat (APM HZ-6). I also asked Bill about the D-8, which had been sitting and idling for a while, about whether it could be shut down until needed (APM AQ-2). He said they were not going to need it for a while and turned it off. This activity is being overseen by Biological Monitor Juan Miranda (APM BR-1d & APM BR-6) and spot checked by Archeological/Paleontological monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8). No wildlife have been recently seen and/or relocated during the oversight of this work.

Rocky soil is regularly being brought to the PS-42 rock/temporary fill site and all looked good – see photo.

At the P-43 fill site the imported soil continues to be spread and compacted with oversight by the geologist and with spot checking by the onsite monitors – see photo.

Earth moving continues at the New Admin/IM Building area with a large excavator filling dump trucks that are headed to either P-43 or the temporary rock fill site at PS-42 and preparation of the area around the caissons at the top of the slope – see photos. Additional drilling for more caissons is underway in the mid slope portion of the site. The caisson holes are being checked during the day and covered at night (MM BIO-11). Biological Monitor Anna Lohr has been assigned to oversee this site.

Work continues at the guard house with concrete being poured for the new guard house foundation. The concrete trucks are washing out in an established basin within an existing soil stockpile location – see photos.

At P-41 a crew are removing rock, additional soil, and some old piping – see photo. The crew was hot cutting the pipe and had thoroughly wet down the area where they were cutting but I was concerned about several additional safety issues. They did not have a fire extinguisher next to the hot work – I asked the crew about this and they got an extinguisher out of the truck and placed it near the work area. They were also cutting the pipe near the edge of the pad (see photo), which seemed questionable since they were working within a large cleared area. Lastly, the onsite water hose was turned off - at a location up a slope where the hose was connected to the water pipe approximately 75 feet from the hot cutting area – and it was coiled (not laid out near the vegetation so as to be easily accessible). I talked to Seth and Amandeep in the office about my concerns and Amandeep went up and talked to the crew.

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), equipment seems to be in good working order and their 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)

Because we are in very very high fire conditions, I would recommend that all crews take the most extreme fire prevention precautions.

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.
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- 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
10/9/14	PS-42 Fill Site		A D-8 dozer has cut a road down through the bottom of the PS-42 fill site.
10/9/14	PS-42 Fill Site		The dozer sitting at the top of the fill site.
10/9/14	PS-42 Rock Site & Temporary fill site.		Rocky soil continues to be brought up to the PS-42 site.

10/9/14	P-43 stockpile area		Work at the P-43 stockpile site continues with soil again being brought to the site from the New Admin/IM Building.
10/9/14	New Admin/IM Building		The area continues to be prepared with soil being pulled away from the caissons.
10/9/14	New Admin/IM Building		A drilling rig is excavating holes for additional caissons at the mid slope location within the Admin/IM Building site.

<p>10/9/14</p>	<p>Guard House</p>		<p>Crews are pouring the foundation of the new guard house.</p>
<p>10/9/14</p>	<p>Guard House</p>		<p>A concrete washout catch basin has been set up in one of the soil stockpile areas.</p>
<p>10/9/14</p>	<p>P-41</p>		<p>Crew hot cutting piping at the P-41 site.</p>



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	October 17, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS027
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), The New Admin/IM Building and the CCS Site (NTP-3). P-43 Fill Site (NTP-2), PS-42 Fill Site, the PS-42 rock site and temporary fill site, and PS-32 fill site (NTP-3).
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast morning, 65 degrees with a slight breeze. Sun broke through by late morning but still cool temps and a light breeze.
E & E CM:	Lara Rachowicz	Start/End time:	0930 hrs to 1200 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.		

SITE INSPECTION CHECKLIST

	Yes	No	N/A
WEATP Training			
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

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 an excavator is working to create the fill key at the bottom of the site - see photos. The dozer was parked on the well pad at the top of the site – it had been parked on visqueen and was surrounded by wattles. Biological Monitor Juan Miranda (APM BR-1d & APM BR-6) was spot checking the activities, in addition to Olivia Tierk the Arch/Paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8), they both were satisfied with how all of the construction activities were going.

It did not appear that any additional rocky soil had been brought to the PS-42 rock/temporary fill site.

No work was taking place at the P-43 fill site and Amandeep informed me that they were not bringing any more soil to the P-43 site. A crew will continue to work at the site to close out the area and prepare it for restoration and revegetation – see photo.

No work was being done at the New Admin/IM Building area. Several crews have shifted to a 4-10's schedule. A drilling rig was parked and I noted that a number of the caissons had been set and the other drilled caisson holes had been covered, per MM BIO-11.

A small crew is preparing to build the guard house and pave the new access roads around it – see photos.

At P-41 a crew continues to hot cut the pipe and haul it off. They appeared to have all the necessary fire prevention equipment close at hand and had thoroughly wet down the area around where they were cutting.

A drilling rig was working at the PS-32 fill site drilling two geotech holes – see photos. The silt fencing surrounding the work area was much degraded and needs to be repaired or replaced. I discussed this with Ms. Tierk and she was going to look into the issue.

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), equipment seems to be in good working order and their 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)

The repair or replacement of the silt fencing at PS-32 should be checked.

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.
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- 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 P-41 a crew continues to hot cut pipe. They appeared to have all the necessary fire prevention equipment close at hand and had thoroughly wet down the area around where they were cutting.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
10/17/14	PS-42 Fill Site		An excavator is cutting the first fill key at the bottom of the PS-42 fill site.
10/17/14	PS-42 Fill Site		The D-8 is parked on the well pad. It is parked on visqueen and ringed with wattles.
10/17/14	PS-42 Rock Site & Temporary fill site.		Amount of stockpiled rocky soil similar to the previous week.

<p>10/17/14</p>	<p>P-43 stockpile area</p>		<p>They are finished bringing soil to the P-43 stockpile site – crews are just cleaning up the area.</p>
<p>10/17/14</p>	<p>New Admin/IM Building</p>		<p>A drilling rig is onsite but no work is being done. Some caissons have been installed and the remaining open holes have been filled.</p>
<p>10/17/14</p>	<p>P-41 fill site.</p>		<p>Crews continue to hot cut piping at the P-41 site. Adequate fire prevention precautions appear to be in place.</p>

<p>10/17/14</p>	<p>Guard House</p>		<p>Crews are cleaning up the site following the pouring of the foundation for the new guard house.</p>
<p>10/17/14</p>	<p>PS-32 fill site.</p>		<p>Two geotech holes are being drilled at the PS-32 site.</p>
<p>10/17/14</p>	<p>PS-32 fill site.</p>		<p>The silt fencing around the PS-32 site is in need of repair or replacement.</p>



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	October 23, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS028
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), the New Admin/IM Building (NTP-2), the CCS Site (NTP-3), P-43 Fill Site (NTP-2), PS-42 Fill Site, the PS-42 rock site and temporary fill site, PS-32 fill site (NTP-3), and Natural Substation (NTP-3)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear and sunny (84 degrees) with a light breeze. Slight increase in temperature and wind speed by mid afternoon.
E & E CM:	Lara Rachowicz	Start/End time:	1215 hrs to 1400 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42, P-43, PS-32, and Natural Substation.		

SITE INSPECTION CHECKLIST

	Yes	No	N/A
WEATP Training			
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, PS-42 & P-43 fill sites, the PS-42 rock site and temporary fill site, and the PS-32 fill site.

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

Checked the vegetation clearing 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 an excavator continues its work on the fill key at the bottom of the site - see photo. Biological Monitor Juan Miranda (APM BR-1d & APM BR-6) was spot checking the activities, along with Olivia Tierk the Arch/Paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8). No new discoveries of significance had been found by either monitor.

No work was taking place at the P-43 fill site. However, they still need to finish the restoration and revegetation of the newly placed fill dirt.

No work was taking place at P-41 but additional preparation will still be needed to ready the site for fill material.

The New Admin/IM Building area was also quiet with all of the caissons having been set – see photo.

A crew continues to work at the guard house with framing of the facility underway – see photo.

At PS-32 fill site, a small crew is moving and compacting dirt in preparation for accepting fill material. The silt fencing around the fill site has been replaced (APM BR-5) – see photos.

Work has begun at the Natural substation with Quality Agriculture crews clearing the vegetation along the new access road – see photo. The new roadway has been surveyed and flagged (APM BR-2).

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), equipment seems to be in good working order and their 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)

N/A

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.

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- 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 ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

The silt fencing around the fill site has been replaced (APM BR-5) – see photos.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/23/14	PS-42 Fill Site		Work continues on the fill key at the bottom of the PS-42 fill site.
10/23/14	P-41 and P-43 Fill Sites		Photo taken from the P-41 access road showing both the P-41 and P-43 fill sites. No construction activity at P-41. Some clean-up of the P-43 site is ongoing.
10/23/14	Natural Substation.		The new access route to the Natural Substation is being cleared of vegetation. Photo taken from the top of the road looking to the south and down toward the substation.

<p>10/23/14</p>	<p>Guard House</p>		<p>Crews are framing the new guard house.</p>
<p>10/23/14</p>	<p>PS-32 fill site.</p>		<p>Equipment is onsite and a crew is preparing the PS- 32 fill site.</p>
<p>10/23/14</p>	<p>PS-32 fill site.</p>		<p>New silt fencing has been installed around the PS-32 site. The photo was taken from a roadway to the west and across a small arroyo from the fill site.</p>



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	October 30, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS029
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-43 Fill Site (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)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy and calm – mild temps of 72 degrees. No change during the site visit.
E & E CM:	Lara Rachowicz	Start/End time:	0930 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		

SITE INSPECTION CHECKLIST

	Yes	No	N/A
WEATP Training			
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, PS-42, and P-43 fill sites, the PS-42 rock site and temporary fill site, and the PS-32 fill site.

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

Checked the vegetation clearing at the Natural substation site.

Checked the SCE work at the Natural substation site.

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 an excavator and a dozer are working on the fill key – see photo. The BCI foreman said they are installing drains and backfilling with pea gravel – surveyors were checking the elevations. Straw wattle has been stockpiled at the top of the site but no erosion control measures have been installed within the fill site – see photo. A rainstorm is predicted for the upcoming weekend.

At P-41 they have placed road base on the access roadway which has leveled out the road and will allow for much better dust control when trucks are rolling (APM AQ-4, APM AQ-6) - see photo. A small crew is installing chain link fencing and have drilled the post holes and should be pouring them before the end of the day, thus they will not need to cover the open holes (MM BIO-11). Olivia Tierk the Arch/Paleo monitor (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) is spot checking all of the project activities. I talked with Amandeep Singh and the AECOM health and safety coordinator Shelley Brown at the site.

Biological Monitors Anna Lohr and Claire Lacy (APM BR-1d & APM BR-6) are onsite today spot checking the project activities – no wildlife has been relocated (APM BR-7).

The New Admin/IM Building area did not have any work taking place – see photo. I noted that straw wattles have been installed on and at the base of the steeper cleared slopes.

At the guard house a crew is installing rebar in the new roadway – see photo.

At PS-32 fill site an excavator is pulling back loose fill material from around the edges of the pad – see photo.

Vegetation clearing continues at the Natural substation access road with Quality Agriculture crews having cleared most of the grass and scrub vegetation and are nearing the trees below the substation – see photo.

The SCE TSP work has begun at the Natural Substation with oversight by two fire crews, the Arcadis monitoring crew of Todd White, and Paleo monitor Colin Lawson. Lucy, the SWPP monitor, was also onsite. Water trucks are onsite keeping the dust down and all the personnel appear to be trained and are staying within the site boundaries. Todd was training a new crew member via computer while I was onsite. Lucy had straw wattles installed at various locations and had plastic laid down ready to cover spoil piles. We discussed the chance of rain expected within the next day or two. I talked with Ray Spaulding and Pasqual of SCE about the project progress. They had drilled the hole for TSP 47 and were lowering in the rebar cage. They were hoping to pour concrete that afternoon and were aware of the need to seal any holes left open overnight. Concrete washout bins are available and located on the well pad at the top of the access road. Road signage that would direct crews to the various SCE project locations has not been installed since it is still being made and shipped.

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), equipment seems to be in good working order and their 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 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.

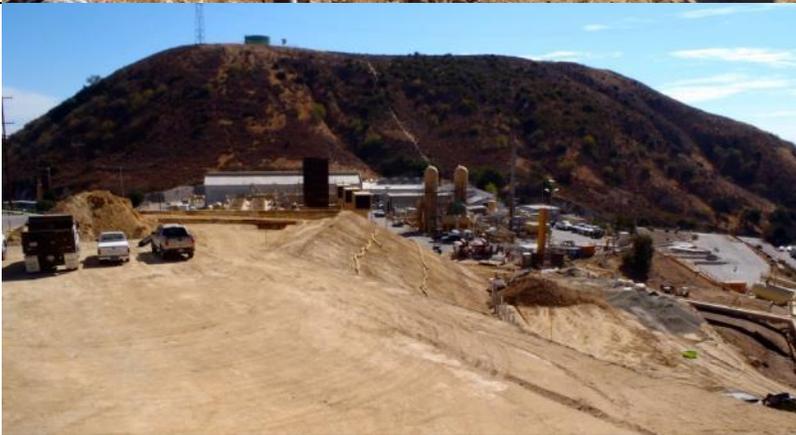
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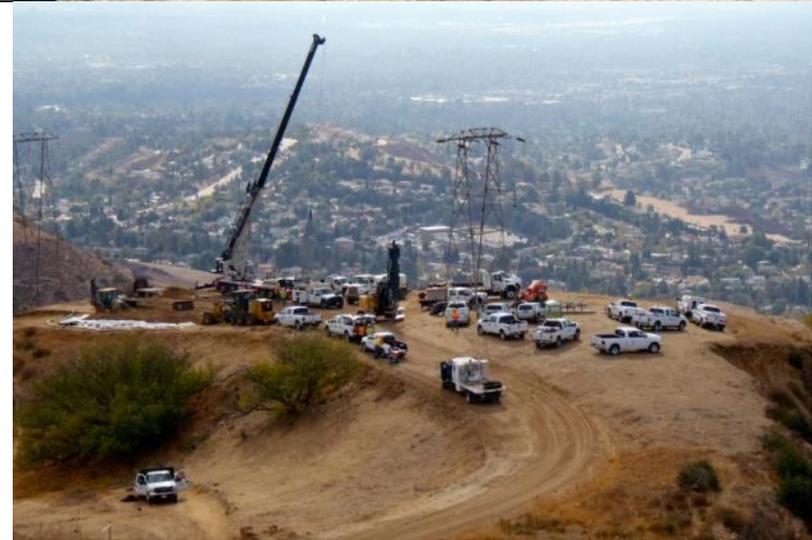
Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #
	N/A		

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

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
10/30/14	PS-42 Fill Site		<p>Work continues on the fill key at the bottom of the PS-42 fill site with installation of drains and backfilling with pea gravel.</p>
10/30/14	PS-42 Fill Site		<p>Straw wattles have been stockpiled onsite but none have been installed on the steep, cleared PS-42 slopes.</p>
10/30/14	Natural Substation.		<p>The Quality Agriculture crews continue to clear the access route to the Natural Substation. Most of the grass and scrub vegetation has been removed and they are nearing the walnut trees. No animals have been relocated.</p>

10/30/14	P-41		Road base has been layed down on the P-41 access road.
10/30/14	P-41		Holes have been drilled for a chain link fence. The pipe has been placed in the holes and according to the crew they should be poured by the end of the day.
10/30/14	New Admin/IM Building		No activity at the Admin/IM building site. Some BMPs are being installed.

<p>10/30/14</p>	<p>Guard House</p>		<p>The framing is nearing completion and the crews are putting rebar down within the roadway in preparation for pouring the road.</p>
<p>10/30/14</p>	<p>PS-32 fill site</p>		<p>Equipment continues to work the site with loose material being pulled back from the edges of the fill pad.</p>
<p>10/30/14</p>	<p>SCE – Natural substation</p>		<p>SCE crews have begun work at the Natural substation. They have drilled TSP 47 and are dropping in the rebar cage. The photo was taken from the access road looking south toward the San Fernando Valley.</p>

10/30/14	SCE – Natural substation		Concrete washout bins are in place on the well pad at the top of the slope above the Natural substation.
10/30/14	SCE – Natural substation		SCE Crews are installing the cage for the TSP 47 pole.
10/30/14	SCE – Natural substation		Spoil from the TSP 47 hole has been stockpiled to the side of the site with straw wattle installed around it and plastic ready to cover the pile.