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July 10, 2015

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

Re: Monthly Report Summary #14 for Aliso Canyon Turbine Replacement Project

Dear Mr. Barnsdale:

This monthly report provides a summary of the compliance monitoring activities occurring during the period **May 1 to 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): Work along Natural-Newhall-San Fernando and MacNeil-Newhall-San Fernando 66-kV lines and at San Fernando, Newhall, Chatsworth, Sunshine, and MacNeil substations
- NTP-A Amendment 1 (February 9, 2015): Construction of three additional TSPs along Wiley Canyon and associated access road work
- NTP-B (February 24, 2015): Construction of a portion of Telecommunications Route #3 from San Fernando Substation to the temporary San Fernando Substation Tap
- NTP-C (April 14, 2015): Construction and telecommunication installation associated with the MacNeil-Newhall-San Fernando and Natural-Newhall-San Fernando 66-kV substransmission lines.

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 May 7, 14, 19 and 28. Site inspection reports that summarize observed construction activities and compliance events and verify mitigation measures were completed for each visit. Reports are attached below (Attachment 1).

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; upcoming compliance-related surveys and deliverables; and the construction schedule. Weekly agency calls between CPUC/E & E, SCG, and SCE, along with weekly email updates from SCG and SCE, provided additional compliance information and construction summaries. Furthermore, SCG's and SCE's monthly compliance status reports for May 2015 provided compliance summaries and included: a description of construction activities for May 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, Storm Water Pollution Prevention Plan (SWPPP) measures, noise measures, and worker environmental awareness training (WEAP); and a summary of non-compliance incidents.

Compliance Incident

During his May 19 site visit, CPUC Compliance Monitor Mr. Semonsen noticed saturated soil and hoses on both sides of a retaining wall at the Natural Substation Site. It appeared to Mr. Semonsen that water from the previous rain event had collected and ponded on both sides of the retaining wall and was subsequently pumped and discharged onto an energy dissipater (rip-rap), which drained directly out of the project area into an oak swale. Follow-up with SCG by the CPUC revealed that the contractor who directed the dewatering activity did not inform SCG's environmental team prior to dewatering and did not conduct pH and turbidity sampling before discharging, as required by SCG's SWPPP and General Construction Permit. SCG estimates that approximately 77 gallons were discharged onto the rip-rap after passing through filtering material. SCG conducted a team Stand Down/Lessons Learned/Updated SWPPP Management and BMP Training with the contractor to ensure incidents like this do not occur in the future. This meeting took place on May 29, and was attended by Compliance Monitor Mr. Semonsen. SWPPP procedures were highlighted, including that storm water must be tested before discharged; if certain Numeric Action Levels (NALs) are exceeded during testing, corrective action must take place in order to prevent the discharge of pollutants into the environment. Because testing was not conducted, it is unknown if NALs were exceeded.

The CPUC has had ongoing concerns about SCG's compliance with BMP/SWPPP requirements, as detailed in previous CPUC Monthly reports (November 2014, December 2014, February 2015, March 2015). SCG has recently increased their use of BMPs and improved their compliance with SWPPP requirements at the Storage Field; however, this incident highlights the remaining need for effective communication between SCG and their contractors regarding compliance procedures and protocols.

Non-Compliances Issued by the CPUC

Level 1 Non-Compliance (SCE)

On May 28, CPUC Compliance Monitor Vince Semonsen visited the TSP 32 work area, where he observed an excavator digging without the required biological monitor and paleontological monitor present. Mr. Semonsen was accompanied by SCE/Arcadis Lead Monitor, Todd White. Mr. White immediately stopped the work and waited for monitors and the safety/fire crew to arrive. Upon arrival, the monitors assessed the area for impacts. After determining that no impacts occurred during the excavation of approximately 10 cubic yards of soil, work resumed with monitors present. Mr. Semonsen provided a description of this event and a photograph in his May 28 Site Inspection Report submitted to the CPUC (Attachment 1), and a Level 1 Non-Compliance was issued in the Site Inspection Report. Subsequent to Mr. Semonsen's site visit, SCE self-reported this event via an e-mail on June 4 to the CPUC. SCE reported that they emphasized to the equipment operator and all staff the importance of ensuring that required monitors and safety personnel are present during ground disturbing activities.

Level 3 Non-Compliance (SCG)

The CPUC issued a formal Non-Compliance report to SCG on May 1, 2015 for a non-compliance incident that occurred in early March 2015. On March 5, CPUC Compliance Monitor observed evidence of eroded steep slopes at the Natural Substation work area and sediment deposited into an oak swale below the site due to storm water from an early March storm. The non-compliance incident was fully described in the March 2015 Monthly Report. This incident was considered a Level 3 Non-Compliance by the CPUC. Non-compliance incidents range from level 1 to 3; level 3 applies to actions that have the potential to cause or cause immediate, major risk to environmental resources.

Incidents

On May 10, SCE found a construction vehicle, a Kubota 4x4, tipped over in the bushes near TSP 18. The vehicle had been left parked on the right-of-way overnight but had either been driven or pushed downslope from its original location after the ignition unit was removed. No significant damage occurred to the vehicle or biological resources, although a small amount of oil was spilled during the incident. Approximately 1 cubic yard of oil-stained dirt was disposed of offsite.

On May 12, near TSP 45 at the Aliso Canyon Storage Field, an SCE construction worker reached for a pile of lath and was bitten by a rattlesnake on the web of his hand. 911 was called and the employee was admitted to a hospital for several days and administered anti-venin. Following the incident, SCE discussed the event, preventative steps, and emergency protocols with the Aliso construction group, and issued a "Safety Alert" to all team employees.

Public Concerns

During May, two residents along the Wiley Canyon telecom route contacted SCE regarding construction activities. On May 22 a resident of DeWolfe Road called SCE's local public affairs office to report road damage on their street. SCE's Environmental Coordinator examined the pre-construction photos and determined that the road damage was present prior to construction activities. SCE's Public Involvement representative spoke with the resident and informed her that SCE would assess the road condition after construction was complete and repair damage attributable to SCE activities.

On May 29, SCE received a call from a Crescent Valley Mobile Estates resident regarding dust caused by construction activities between TSPs 12 and 13. The resident's mother was said to suffer from pulmonary heart disease and to be bothered by the dust from construction. SCE instructed their contractor to add additional water to the site to keep dust down. The resident was offered a hotel voucher for the duration of construction; however, the resident expressed that the additional water helped and there were no continued issues with dust and the mother's health.

Minor Approvals

During May, MPR #4 Amendment 2 was approved, allowing for the placement of an additional office trailer for SCG's contractor, Kiewit. In addition, approvals were provided for a Tier 3 waiver and the use of a stringing site near TSP 45 (Table 1).

Table 1: Minor Approvals for May 2015

Description	Approval Date
MPR #4 Amendment 2 – installation of an additional office trailer for Kiewit Construction adjacent to the existing trailer; trenching for electrical conduit to power the trailer (SCG)	May 1, 2015
E-mail approval to waive Tier 3 requirements for a curb machine (SCG)	May 12, 2015
E-mail approval for temporary use of a disturbed area near TSP 45 for stringing, staging, and parking (SCE)	May 15, 2015

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

ATTACHMENT 1

CPUC Site Inspection Reports

May 7, 14, 19, and 28, 2015

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	May 7, 2015
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS054
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 Fill Site (NTP-2), PS-42 Fill Site, P-32 Fill Site (NTP-3), and the Natural Substation (NTP-3, NTP-A). TSPs 2-46 (NTP-A, NTP-C), and the Oak Tree Mitigation Site.
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast, cool (64 degrees), and blustery. Some rain predicted for later in the day.
E & E CM:	Lara Rachowicz	Start/End time:	0700-0930 hrs. in Wiley Canyon. 1015-1300 hrs. at the Aliso Storage Field.
Monitor(s):	Vince Semonsen		
Project Component(s):	Storage Field components, 66-kV Subtransmission Line, Telecommunications route		

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 PS-42 fill site and the activities associated with the Natural Substation. Checked the TSP 45 site, the New Admin/IM Building area, and the Central Compressor Station (CCS). Looked at the new SCE 210 laydown yard and TSPs 12 through 21.

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 met with Todd White, the lead monitor for SCE/Arcadis, at the SCE 210 yard and participated in the tailgate meeting. Biological Monitor Craig Lowrey and Archeological/Paleontological Monitor Cecilio Garcia (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) were at the trailers for the meeting and headed out to Wiley Canyon to survey TSP sites 12-22 prior to the construction activities. An avian biologist went to TSP 37 to do a nesting bird survey. Todd informed the crews at the tailgate that crews cannot move into the TSP 37 area until the surveys are completed and confirmed.

Todd and I drove the Wiley Canyon access road; we entered at the mobile home park (TSP 22) and worked our way to TSP 12. SCE crews are nearing the completion of the access road work near the TSP 12 site – see photo. Work has been completed at TSPs 19 and 15 – see photos. The excavation work has been done at TSP 16 (see photo) and crews are waiting for imported fill material to finish the grading work there. Todd showed me where they would like to run a water line to provide water to another part of the Wiley Canyon work area, if approval is granted by the CPUC.

SCE is still waiting on a buffer reduction approval for the active red-tailed hawk nest across the canyon from TSP 18.

At approximately 10:15 am I arrived at the Aliso Canyon Storage Field and checked in at the office. Seth Rosenberg, Environmental Coordinator for SCG, accompanied me as I observed the construction activities. We began at the Oak Mitigation area, where the oaks look healthy and continue to put out new growth – see photo. At the PS-42 fill site dirt continues to be worked by a variety of equipment. Seth said they will be installing straw wattles when they finish in preparation for any rain. Rock is still being separated out at the PS-42 temporary rock site.

Crews continued to work on the Natural Substation access road, putting down road base and working on the retaining wall at the base of the work site near the oak swale – see photos.

A crew was working to close out the P-41 fill site, installing "V" ditches and drainage culverts – see photo. Soil continues to be brought to the P-32 fill site.

No work was being done at the TSP 45 pull site but the new pole has been installed – see photo.

At the Central Compressor Station crews continue their work on the compressor foundations – see photo. Biological Monitor Anna Lohr (APM BR-1d & APM BR-6) was spot-checking the construction activities in the lower portion of the Aliso field. Archeological/Paleontological Monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) was spot checking the excavation activities.

At the Kiewit trailers, a crew was leveling an area in preparation for bringing in another trailer. According to Seth no new newt strikes have been observed along the creek near the Kiewit trailers.

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

Nesting bird surveys are ongoing (APM BR-1c). 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 buffer delineation for active nests should be upgraded (i.e., more fencing and/or flagging) as there have been some breaches of the buffer zones.

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
5/07/15	SCE 210 Yard		Tailgate meeting at the SCE 210 yard.
5/07/15	Mobile home park		Generator within the mobile home park near TSP 22 has been covered to decrease the noise level.
5/07/15	Wiley Canyon – TSP 19		The area around TSP 19 has been cleared, BMPs have been installed, and the pad has been graded.

5/07/15	TSP 16		A key way has been excavated at TSP 16 – SCE said they are waiting on fill material to backfill.
5/07/15	TSP 15		Pull site at TSP 15 where grading work has been completed.

5/07/15	TSP 13 access road		Additional grading and installation of BMPs have been completed at TSP 13.
5/07/15	Wiley Canyon access road		Work continues on the shoring and culvert installation along the access road between TSPs 12 and 13.

5/07/15	Aliso Canyon Oak Mitigation Site		Oak seedlings are growing.
5/07/15	PS-42 Fill Site		Equipment continues to work the imported soil.
5/07/15	Natural Substation		Looking up along the access road from the Natural substation. Work is nearly done on the retaining wall.

5/07/15	Natural Substation Access rd.		Road base is being laid down on the access road.
5/07/15	P-41 Fill Site		Final work on the fill site includes cutting the “V” ditches and drain installation.
5/07/15	Central Compressor Station		Compressor foundation work continues – soil continues to be exported to P-32.

5/07/15	TSP 45		The TSP has been installed at site 45.

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	May 14, 2015
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS055
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 Fill Site (NTP-2), PS-42 Fill Site, P-32 Fill Site (NTP-3), and the Natural Substation (NTP-3, NTP-A). TSPs 2-46 (NTP-A, NTP-C), and the Oak Tree Mitigation Site.
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast, cold (55 degrees), and blustery. Some rain predicted for later in the day. It begins to rain at around 11am.
E & E CM:	Lara Rachowicz	Start/End time:	0700-1030 hrs in Wiley Canyon. 1100-1300 hrs at the Aliso Storage Field.
Monitor(s):	Vince Semonsen		
Project Component(s):	Storage Field components, 66-kV Subtransmission Line, Telecommunications Route		

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 PS-42 fill site and the activities associated with the Natural Substation. Checked the New Admin/IM Building area, and the Central Compressor Station (CCS). Looked at the new SCE 210 laydown yard and TSPs 2, 7, 26, and 36.

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 met with Todd White, lead monitor for SCE/Arcadis, at the SCE 210 yard and participated in the tailgate. One topic of conversation was lessons learned from the SCE crew member who was bitten by a rattlesnake at TSP 45. Biological Monitor Craig Lowrey (APM BR-1d & APM BR-6) and Paleo/Arch monitor Cecilio Garcia (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) were at the trailers and headed out to sweep and monitor construction at TSPs 26 and 7. An Avian Biologist, Brian Carpmen, was at TSP 7 doing a nesting bird survey (APM BR-1c).

At TSP 26 a crew was working on the access road; they needed to stabilize the road bank and were excavating soil – see photo. Monitors Craig and Cecilio were onsite. Craig pointed out an active raven nest in the nearby cliffs; according to their range finder work was outside of the nest buffer.

As we drove by TSP 11 we looked at the raven nest in the old tower and noted that the juveniles were fledging; one of the young birds was perched on the tower outside of the nest. Ravens were also building a new nest on the new TSP 3 tower, which could slow down the restringing operation.

Todd and I drove to TSP 2 where crews had drilled the foundation hole and installed the rebar – see photo. Concrete trucks were on their way to pour the TSP foundation. Nesting bird buffers exist along the access road but crews are allowed to drive through; the work areas are outside of the buffers. Crews were keeping the public roads free of dirt and Lucy Cortez (SWPP inspector) was onsite to look over the BMPs.

At TSP 7 the work on the access road and pad had been completed several weeks ago and crews were waiting to drill the foundation hole; the drill rig was already onsite – see photo. A nesting bird survey had to be completed before construction could begin. Todd and I met with Brian Carpmen who was performing the survey. The survey was finished around 10:30 and Todd called to give the go ahead to the construction team.

We drove to TSP 36 – see photo – and noted the cleared area for the new pole foundation. Todd identified some Mariposa lilies along the access road and he took a GPS location – see photo.

I arrived at Aliso Canyon Storage Field around 11am and met with Jennifer Campbell, SCG Environmental Coordinator, at the offices. On the way in I noted the newt crossing signs – see photo. I also met briefly with Biological Monitor Juan Miranda who is taking several AECOM SWPPP inspectors around the site. It began to rain as we headed up to the PS-42 fill site. Crews had stopped work and were installing BMPs in preparation for the storm system – see photo. Straw wattles had been installed on the fill dirt down toward the lower access road – see photo. It did appear that the diversion pipes still need to be realigned where they dump out onto the riprap below the access road, but because they were inside a bird buffer, would have to wait. Other than at the PS-42 site, BMPs were installed according to SWPPP requirements.

We walked down the Natural Substation access road where one crew was placing gravel bags at locations along the road – see photo. Road base had been laid down and forms had been installed for the road curbs. No work was being done and BMPs had been installed throughout the project site. Some water was coming down a concrete "V" ditch that runs along the access road. There were no gravel bags in the ditch to slow the flow but several small gravel bag berms had been built at the end of the V ditch. The first bermed area was already full of sediment – probably from the previous storm system.

A crew was buttoning up the P-41 fill site, with concrete pours of the "V" ditches taking place while I was onsite – see photo. A concrete washout setup was in place at the staging area. According to Juan, the concrete is supposed to "set-up" really quickly so it shouldn't be affected by the rain.

At the Central Compressor Station a small crew remained onsite, installing conduit – see photos. Soil piles had been covered and the other BMPs were installed. Biological Monitor Anna Lohr (APM BR-1d & APM BR-6) was spot-checking the

construction activities in the lower portion of the Aliso field.

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

Nesting bird surveys are ongoing (APM BR-1c). Work crews all appeared to have been trained and issued hardhat stickers (APM HZ-6).

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

The buffer delineation for active nests should be upgraded (i.e., more fencing and/or flagging) as there have been some breaches of the buffer zones.

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.

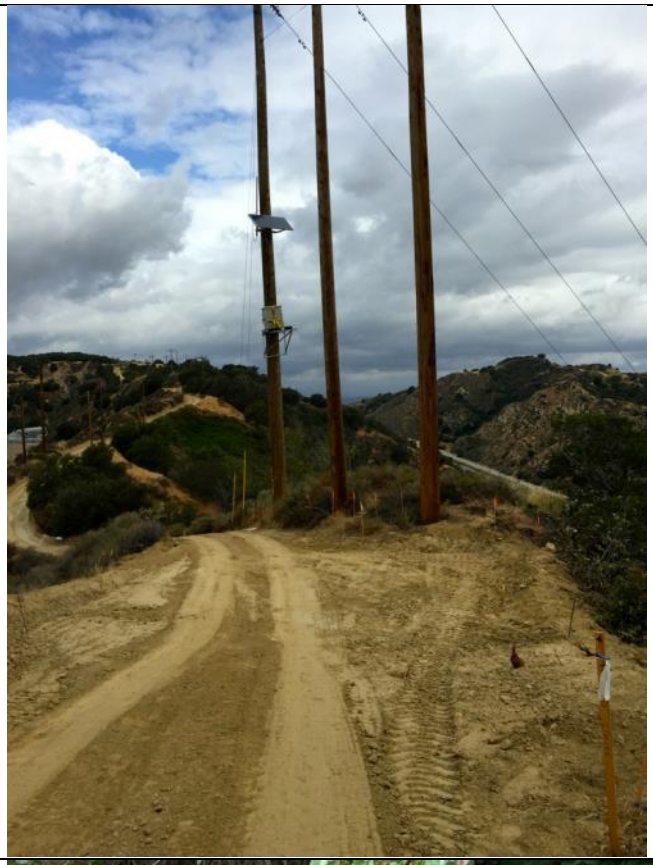
☐ Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

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

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

Bird buffers still need upgrades.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/14/15	Wiley Canyon TSP 26		Access road work in preparation for replacing TSP 26. Cleared area next to the excavator will have gabions installed to shore up the road bank.
5/14/15	TSP 2		Foundation hole has been drilled and the rebar cage is in place. SCE crews are preparing to pour the foundation.
5/14/15	Wiley Canyon – TSP 7		Drill rig is onsite – crews are waiting on a nesting bird survey. The site was previously cleared and a pad constructed.

5/14/15	TSP 36		A small pad has been graded for TSP 36 – it is quite steep on either side of this pole location.
5/14/15	TSP 36 access road		Todd White is getting GPS locations on Mariposa lilies noted along the TSP 36 access road.

5/14/15	Aliso Canyon near the Central Compressor Station area		One of the many new Newt Crossing signs.
5/14/15	PS-42 fill site		Crews are putting in BMPs as rain approaches the site.
5/14/15	PS-42 fill site		The lower portion of the fill site has had BMPs installed

5/14/15	Natural Substation access road		Road base has been installed with some of the forms for the road curbs now in place. A crew was installing gravel bag chevrons along the road.
5/14/15	Natural Substation and access road		BMPs are in place – crews have gone home for the day.
5/14/15	P-41 fill site		Crews continue to close up the fill site with concrete "V" ditches being poured. A concrete washout location has been set up in the staging area.

5/14/15	Central Compressor Station		Crews are installing conduit although most of the workers have finished for the day. BMPs are in place as a storm is approaching the project site.
5/14/15	Central Compressor Station		Additional trenches have been dug within the CCS – soil piles have been covered.

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	May 19, 2015
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS056
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear, calm and cool (60 degrees) 0730. Partly cloudy, cool with a slight breeze at 1100
E & E CM:	Lara Rachowicz	Start/End time:	0730-1030 hrs within Wiley Cyn. 1045-1320 hrs at the Aliso Storage Field.
Project NTP(s):	Guard House and Road Widening (NTP-1), the New Admin/IM Building (NTP-2), and Central Compressor Site (NTP-3). P-41 Fill Site (NTP-2), PS-42 Fill Site, P-32 Fill Site (NTP-3), and the Natural Substation (NTP-3, NTP-A). TSPs 2-46 (NTP-A, NTP-C), and the Oak Tree Mitigation Site.		

SITE INSPECTION CHECKLIST

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

Are all excavations and trenches covered at the end of the day?	X		
Are ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		
Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?	X		
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities?	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?			X
Is construction occurring within approved hours (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 Wiley Canyon area - TSPs 2, 7, 11, 26, 27, and 28. Looked at the PS-42 fill site and the activities associated with the Natural Substation and the substation access road. Checked the P-41 fill site and the Central Compressor Station (CCS).

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 met with Todd White, SCE/Arcadis lead monitor, at the SCE 210 yard and discussed the day's activities. Biological Monitor Craig Lawrey (APM BR-1d & APM BR-6) and Paleo/Arch monitor Cecilio Garcia (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) were headed out to sweep and monitor construction at TSP sites 27 and 28. An avian biologist Shay Lawrey was at TSP 27 and 28 doing a nesting bird survey (APM BR-1c).

I looked at TSP 2 where they have poured the foundation, the site is buttoned up and the concrete washout container is covered – see photo. A SWPPP crew stopped in to check the site.

Ravens are out of the nest at TSP 11.

Met with Todd White at TSP 7 where a crew is preparing the site for pouring the foundation. The site was drilled and the cage was set yesterday – see photo. I asked about how they covered up the hole and Todd said they put a steel plate over it, followed by tarps, straw wattles, and gravel bags. All the nesting birds have fledged around the area except for one bushtit toward the back of the staging area. Topsoil is covered with jute netting within the staging area – see photo.

I went to TSP 27 where the crew had removed topsoil yesterday. According to Shay Lawrey they found a skink and a night snake during the work – both were caught and relocated and were uninjured. Monitors were onsite along with a water truck and a fire crew. The crew began preparing the pad for the TSP work – see photo. Nesting bird buffers were up at several locations along the access road. They were hoping to move up to TSP 28 soon.

I checked TSP 26 – no one was onsite. According to Todd the crew putting in the gabion cages near TSP 12 were coming to TSP 26 after they finish up at TSP 12. No rainwater runoff issues and no dirt on the public roads were observed.

I arrived at Aliso Canyon at around 10:45 am and met with Ray Romero (part of SCG's environmental team and Amandeep's vacation replacement) at the offices. We drove up to PS-42 fill site where a crew was working the soil that comes from the Natural Substation – see photo. The nesting barrier had been taken down around the straw wattles where the rock wren fledged her young. They had received approximately 0.6 inches of rain at the site on Thursday and Thursday night of last week. Ray and I discussed the possible rerouting of the diversion piping down by the lower access road.

A concrete truck was washing out in the staging area above the Natural Substation access road – see photo. It consisted of plastic covered cardboard. We walked down the Natural Substation access road; crews had poured most of the road curb all the way down to the substation – see photo. An excavator was filling two trucks with dirt from the substation for transport to the PS-42 fill site.

Rainwater runoff had come down the access road and ponded at the end of the access road on both sides of the retaining walls – see photos. It was obvious that some water had been pumped out of these areas into the rip-rap/energy dissipater, which drained down into the oak swale area – see photo. I was told crews did pump out the ponded water into the energy dissipater.

The P-41 site had a crew closing up the site – see photo.

At the CCS, crews were working on foundations and conduit throughout the site. A Kiewit (SCG's contractor) supervisor approached us and I asked if he had any ponded rainwater in his trenches. He said he did and they pumped it out, using it for dust suppression.

There was no work being done at the Guard House.

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

Nesting bird surveys are ongoing (APM BR-1c) but a lot of the young birds are fledging and the barriers are being taken down. 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)

Some follow-up is needed on pumping of ponded rainwater runoff at the Natural Substation area.

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

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.

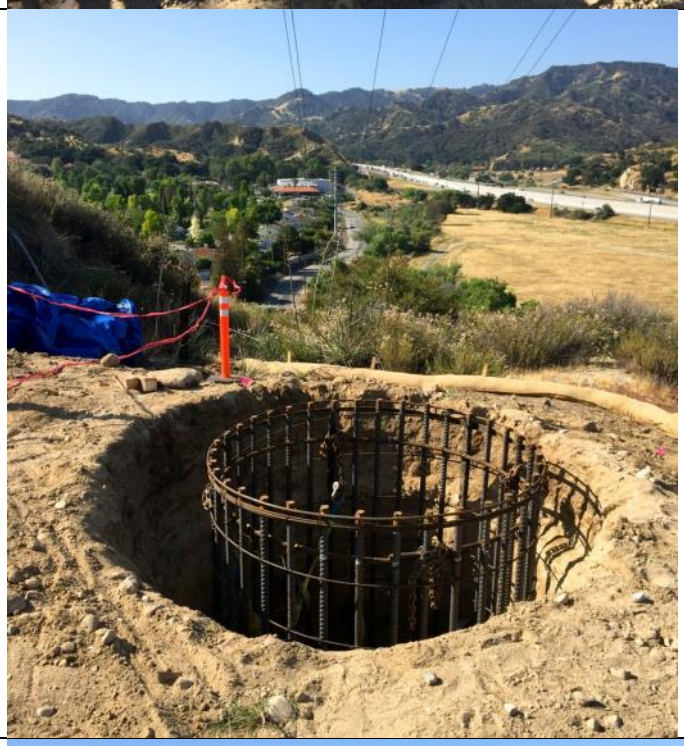
☐ Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, 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:

Bird buffers have been taken down, as many chicks have fledged.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/19/15	TSP 2		TSP 2 has been poured.
5/19/15	TSP 7		TSP 7 was drilled and the cage dropped into the hole on 5/18. According to the crew the hole is 34 feet deep. It was covered overnight with steel plates and a tarp.
5/19/15	TSP 7		Topsoil stored in the stockpile area above the TSP 7 pole location.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/19/15	TSP 27		Crews have removed the topsoil and are preparing the site for drilling the new TSP location.
5/19/15	TSP 26		Dirt work at TSP 26 is waiting for a crew to come in and place gabion cages to stabilize the road bank.
5/19/15	Access road to TSPs 11-24		Entrance gate within the mobile home park – no mud had been tracked onto the paved roadway.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/19/15	PS-42 Fill Site		Dirt is coming from the Natural Substation and equipment is compacting it into the fill site.
5/19/15	Staging area for the Natural Substation access road		Concrete washout location for trucks pouring the Natural Substation access road curb.
5/19/15	Natural Substation		Dirt work inside the retaining wall where the bio-filtration structure will go.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/19/15	Substation access road		Photo showing some of the ponded rainwater runoff along the access road wall.
5/19/15	Natural Substation		Rainwater runoff ponded behind the bio-filtration retaining wall.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/19/15	Natural Substation access road		Biofiltration energy dissipation exit point. Ponded storm water was poured onto this structure after the storm event.
5/19/15	Natural Substation		Excavation of dirt from the substation and pouring of the curb around the facility.
5/19/15	P-41 fill site		Final buttoning up of the fill site.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/19/15	CCS		Foundation work continues

Aliso Canyon Turbine Replacement Project
CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	May 28 and 29, 2015
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS057
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Hazy, light breeze, mild temps (65 degrees F). Temp up to 75 degrees at the Aliso Storage Field.
E & E CM:	Lara Rachowicz	Start/End time:	May 28: 0730-1100 hrs in Wiley Canyon. 1145-1430 hrs at the Aliso field; May 29: SWPPP Training 0830–1030 hrs.
Project NTP(s):	Guard House and Road Widening (NTP-1), the New Admin/IM Building (NTP-2), and Central Compressor Site (NTP-3). P-41 Fill Site (NTP-2), PS-42 Fill Site, P-32 Fill Site (NTP-3), and the Natural Substation (NTP-3, NTP-A). TSPs 2-46 (NTP-A, NTP-C), and the Oak Tree Mitigation Site.		

SITE INSPECTION CHECKLIST

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

and on approved roads?			
Are all excavations and trenches covered at the end of the day?	X		
Are ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		
Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?		X	
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities?	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?			X
Is construction occurring within approved hours (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 Wiley Canyon area - TSPs 2, 3, 11, and 19 thru 32. Looked at the PS-42 fill site, the P-32 fill site and the activities associated with the Natural Substation and the substation access road. Checked the P-41 fill site, the Central Compressor Station (CCS) and the work at TSP 45.

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

I checked TSP 3 and it looks like the ravens are indeed nesting. At TSP 11 the ravens have fledged and the nest material has been removed. A crew was trimming and chipping vegetation on the TSP 2 access road. I asked Todd White (SCE/Arcadis lead monitor) about this activity but he was unaware of who was doing the work. His avian biologist checked and the work was not project related.

Met with Todd White at the access road to TSPs 27 through 32. We drove the access road. Todd and SCE/Arcadis botanist Mary Carroll had driven it on Tuesday to assess the need to prune oaks limbs – see photo. At TSP 27 we met with Avian Biologist Brian Carpmen who was checking the nesting activity along this stretch of the job site (APM BR-1c). The biologists continue to find new nests in the area.

The TSP locations 27, 28, 30, and 31 have been prepared (i.e., cleared and leveled) and were waiting on the drilling crews to come next – see photos. At TSP 29 an excavator was working at the drilling location; the work was being monitored by biologists Craig Lawrey and Jasmin Byrd (APM BR-1d & APM BR-6) – see photo. The Paleo/Arch monitor Cecilio Garcia (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) was spot-checking the various sites.

When I arrived onsite at TSP 32, I observed an excavator working but no monitors, no fire crew, and no personnel operating a water truck were present – see photo. Todd White shut down the equipment until the crews and monitors arrived. Todd said they had to remove 5 oaks at this location. Bird nest buffers were in place. A Level 1 Non-Compliance is being issued for this incident (see below).

At TSP 26 a crew was putting in the gabions to stabilize the access road – see photo. A new Biological Monitor, Shannon Dye, was onsite checking on this activity. I drove to TSP 23, located within the mobile home park; the foundation had been drilled and poured – see photo. I also walked part way out to TSP 19 where concrete trucks were pouring the foundation – see photo. I saw a golden eagle flying over the area, close to the red-tail hawk nest; it was being chased by a red-tailed hawk.

Checked on the work at TSP 45 within the Aliso Storage Field; crews were hauling off some of the excess soil. Soil continues to be taken to fill site P-32 from the CCS site; a small crew was onsite incorporating the new dirt into the fill site. I talked briefly with Frank (soils engineer) who was overseeing the work; he said they were nearing the capacity of P-32.

I met with Seth Rosenberg, SCG Environmental Coordinator, at the project trailers and we headed up to the PS-42 fill site where a crew was working the soil coming from the Natural Substation – see photo. At least three trucks were running non-stop from the Natural Substation bringing dirt to the fill site. When empty, the trucks seemed to be traveling faster than 15 mph and were creating a fair amount of dust as they traveled down the access road to the substation. I discussed this with Seth and he talked with the operators about the speed limit. A water truck also wet down the access road while I was onsite. A large excavator was at the substation filling the trucks and Paleo/Arch monitor Alison Reynolds was onsite along with Biological Monitor Juan Miranda; there were no new nesting bird issues in this area.

The biofiltration unit for the Natural Substation and access road has the plastic piping installed and was being backfilled with gravel – see photo. The soils engineer, new that day, did not appear to have a hardhat sticker; Seth was going to follow up on this and see if he had been trained.

The P-41 fill site has been hydroseeded. According to Seth, they have a bit of work to do on the "V" ditches – see photo.

At the CCS crews continue to work on foundations and conduit.

There was no work being done at the Guard House.

On May 29 I attended a retraining of crews on BMP installation and the project's SWPPP.

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

The nesting bird surveys are ongoing (APM BR-1c) and the onsite monitors are in place and overseeing the construction activities. Dust control continues and the roads are clear of mud.

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

Haul truck speeds should be checked and all drivers should be reminded about speed limits.

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

A golden eagle was seen flying over the Wiley canyon area; it would be good to know where the nearest eagle nest site is.

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.

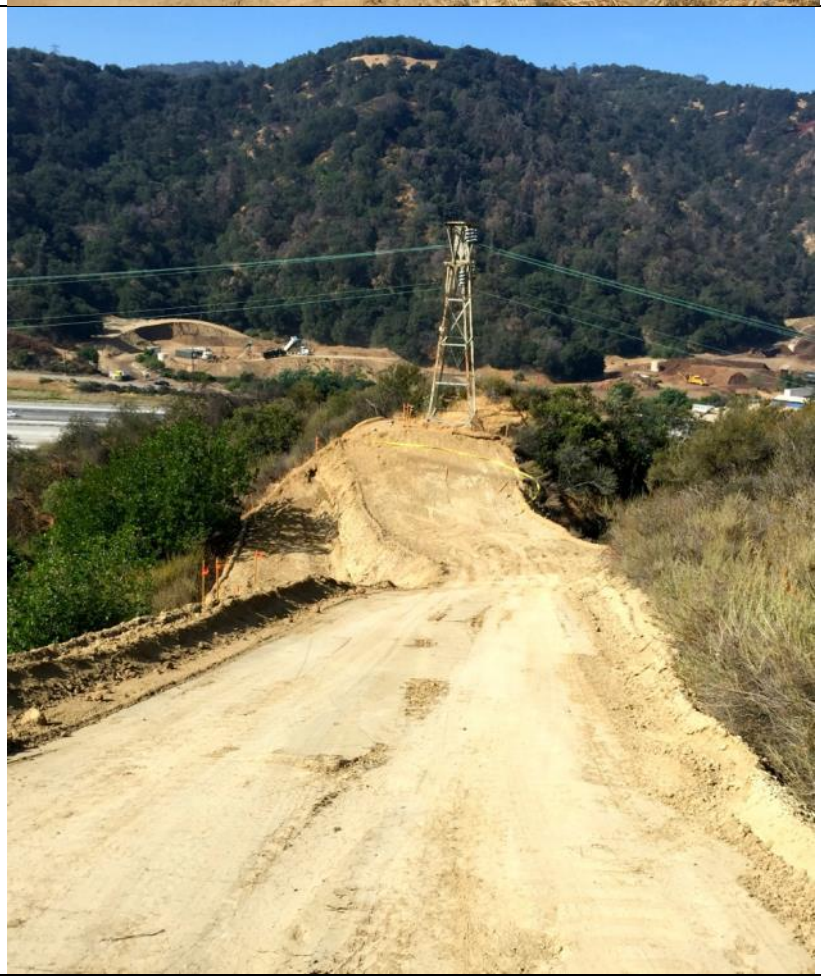
☐ Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, 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.

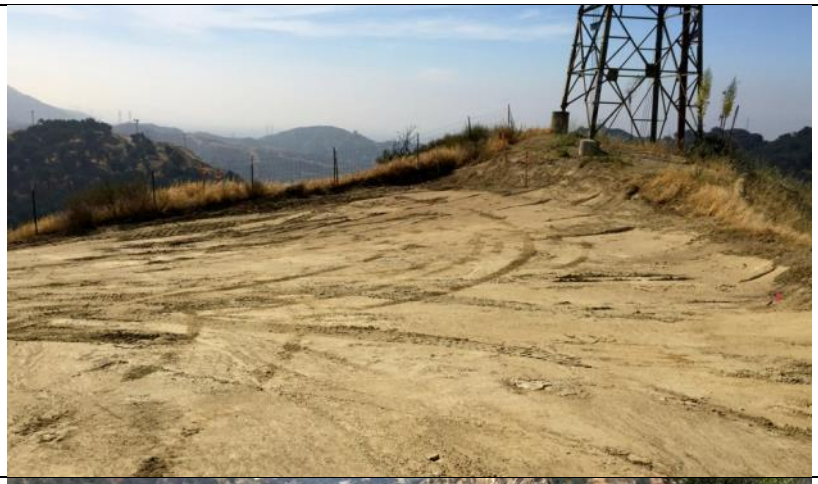
Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #
5/28/15	At the TSP 32 work area, an excavator was digging without a biological or paleontological monitor present. SCE/Arcadis Lead Monitor, Todd White, immediately stopped the work and waited for monitors and the safety/fire crew to arrive. Upon arrival, the monitors assessed the area for impacts. After determining that no impacts occurred during the excavation of approximately 10 cubic yards of soil, work resumed with monitors present.	APM BR-1d, APM BR-6, MM CR-8,	

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

N/A

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/28/15	TSP 27		TSP 27 site has been prepared for drilling. Stockpiled soil is from another site.
5/28/15	TSP 28		TSP 28 site has also been cleared and prepared for drilling.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/28/15	TSP 29		TSP 29 is being prepared for the new pole installation. Monitors were onsite.
5/28/15	Access road for TSPs 27-32		Oak tree pruning was done with SCE/Arcadis Botanist Mary Carroll before the crews moved in with equipment.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/28/15	TSP 31		Site has been prepared for drilling.
5/28/15	TSP 32		Excavator working at TSP 32; no monitors were present.
5/28/15	TSP 26		Dirt work at TSP 26 is waiting for a crew to come in and place gabion cages to stabilize the road bank.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/28/15	TSP 23		The pole foundation has been drilled and poured. It is located within the mobile home park.
5/28/15	TSP 19		Concrete trucks are at TSP 19 pouring the pole foundation.
5/28/15	P-32 Fill Site		Dirt continues to be brought to the fill site from the CCS area.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/28/15	PS-42 Fill Site		Dirt is coming from the Natural Substation and equipment is compacting dirt into the fill site.
5/28/15	Substation access road		The biofiltration infrastructure is in place and is being backfilled with gravel.
5/28/15	Natural Substation		An excavator is filling the haul trucks.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/28/15	P-41 Fill Site		The final hydroseeding of the fill site had just been completed; some "V" ditch work remains.
5/28/15	CCS		Foundation work and conduit installation continues.
5/28/15	CCS		Foundation work.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
5/29/15	Aliso Project Trailer		Attended the SWPPP retraining.