

DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	231298
Document Title:	Stanton Energy Reliability Center MCR No 9
Description:	Monthly Compliance Report
Filer:	John Heiser
Organization:	Wellhead
Submitter Role:	Public Agency
Submission Date:	12/20/2019 6:26:46 AM
Docketed Date:	12/20/2019

Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 9
Reporting Period: October 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC)
Submitted November 13, 2019

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Key Events List

PROJECT:	Stanton Energy Reliability Center
DOCKET #:	16-AFC-01
COMPLIANCE PROJECT MANAGER:	John Heiser
EVENT DESCRIPTION	DATE
CEC Decision Date	November 7, 2018
Obtain Site Control	February 12, 2019
Online Date	July 1, 2020
POWR PLANT SITE ACTIVITIES	
Start Site Assessment/Pre-Construction	January 31, 2019
Start Site Mobilization/Construction	February 12, 2019
Begin Pouring Major Foundation Concrete	March 29, 2019
Begin Installing Major Equipment	September 4, 2019
Completion of Installation of Major Equipment	December 24, 2019
First Combustion of Gas Turbine	December 23, 2019
Obtain Building Occupation Permit	TBD
Start Commercial Operation	BESS July 1, 2020; LM6000 July 1, 2020
Complete All Construction	April 28, 2020
TRANSMISSION LINE ACTIVITIES	
Start Transmission Line Construction	August 2019
Complete Transmission Line Construction	November 2019
Synchronization with Grid and Interconnection	March 2, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	August 2019
Complete Gas Pipeline Construction	November 2019
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	TBD
Complete Water Supply Line Construction	TBD

1. Summary

On November 7, 2018, the California Energy Commission (CEC) issued its Commission Decision (Docket No. 16-AFC-01) approving construction and operation of the Stanton Energy Reliability Center (SERC) Project. The CEC Compliance Project Manager (CPM) issued a Limited Notice to Proceed (LNTP) on January 31, 2019, allowing the start of construction activities at the power plant site. The Full Notice to Proceed (FNTP) was issued by the CEC on February 12, 2019.

Upon the CEC docket of the Final Decision, SERC made Payment of the Annual Energy Facility Compliance Fee. The next payment and all subsequent payments are due by July 1, of each year.

This document is a Monthly Compliance Report (MCR) as required by Condition of Certification (COC) COM-6. The information in this report documents the engineering, procurement,

construction, and compliance activities that were performed during the reporting period: October 2019.

Stanton Energy Reliability Center, LLC (SERC) has selected ARB, Inc. as its general contractor. Power Engineers, under a separate contract is providing the project detailed design engineering. Procurement and construction management services are being provided by Wellhead Construction, Inc. Southern California Edison (SCE) will construct the transmission interconnection facilities. Southern California Gas will design, build and operate the natural gas pipeline associated with the project. Jacobs Engineering has been retained by SERC to assist with construction monitoring and environmental and CEC compliance. NV5 has been selected by the CEC as the Designated Chief Building Official (DCBO).

October has been a productive month for setting equipment and erection on Parcel 1. Erection work has focused on completing the Combustion Turbine (CT) Air Inlets, Emission Reduction Unit (ERU) module erection and setting miscellaneous equipment around Unit 2. Switchyard erection by Newton's crew is well underway and completion is scheduled in November.

During this reporting period the general contractor awarded the Startup and Commissioning activity to Universal Energy UEI.

A preliminary project summary schedule is included in Attachment 1.

Note: Due to the dynamic nature of a large-scale construction project, key event dates are subject to change.

The following table represents the percent complete numbers for the engineering, procurement, and construction activities as of the end of October 2019.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	78%
BESS Design	63%
Procurement	
Owner Supplied Equipment	98%
Contractor Supplied Equipment	81%
Construction	
Power Island	56%
BESS	1%

1.1 Engineering

Through the month of October 2019, Power Engineering (PEI) continued to support SERC with responses to CBO comments, provision of lists to expedite approvals, and visit the site as required by the CBO. PEI continues to receive RFI's and contractor material submittals. Weekly meetings are held with the DCBO and CPM to review progress.

Power Engineers also prepared and submitted reports for structural site visits. Received change from SCE on 66-kV relay settings; updated SERC settings and re-issued. Updated and re-issued ER001-001 per SCE easement package for CBO review package. Updated MCC one-lines and 120VAC panel schedule drawings to reflect as-shipped and for submittal to CBO. Coordinated with SERC controls engineer and SERC staff to finalize terminations. Continued working on 15-kV and below relay settings. Continued programming Site SCS and Unit SCS PLC equipment.

In addition, Power Engineers provided the following support in October:

- Continued to receive contractor request for information and respond.
- Prepared engineering supplemental information documents to construction with design modifications.
- Continued to receive equipment vendor shop drawings for review, comment and coordination with design.
- Continued to respond to DCBO comments.
- Continued to participate in weekly design coordination calls.

1.2 Procurement

The procurement of Owner Supplied Equipment (OSE) continues and is currently 98% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 81% complete. Major procurement activities completed by construction contractor in October did not change during this reporting period however the following items were received:

- RO Skid sunshade
- Solid Waste Enclosure

1.3 Construction

During the month of October continued to erect equipment, work on minor foundations, receive Owner Supplied Equipment and setting the following major equipment:

- Set Unit 1 and Unit 2 Gas Turbine Enclosures, Generator Enclosures and both Generators
- Installed Unit 2 CT in package
- Erected Unit 2 ERU Modules and Stack, working on Liner seams
- Started Erection of Unit 1 ERU
- Set balance of Unit 2 CTG Auxiliary equipment
- Erected Demin Tank

Safety:

The month of October was completed with one First Aid, no near misses, no lost time injuries or recordable injuries. Weekly all hands meetings continue to address issues and raise morale through training and information.

During this reporting period the project worked 20,202 man-hours without a lost time or recordable incident. To date, the project has worked 100,467 man-hours without a lost time, or recordable Incident, and only seven first aids.

Weekly coordination calls were held amongst project participants during the reporting period.

Civil:

- Installation of Storm Drain in Switchyard area and along South and North roads on Parcel 1
- Excavation and backfill for miscellaneous foundations at Unit 2

Piping:

- Installation of Aboveground Pipe continued in Parcel 1
- Continued installation of Above Ground (AG) Pipe at the Gas Compressor, Unit 1 and Unit 2 areas
- Continued working in the Water Treatment area

Structural:

- Completed Unit 2 CTG Aux Foundations
- Working on Site Paving
- Erected miscellaneous platforms and grating
- Erected sunshade on Air Compressor and RO Skid

Electrical:

- Continued Material Procurement
- Completed installation of Trenwa along Unit 1 foundation
- Completed installing Cable Tray at Unit 2 and Unit 1 with exception of 480V Aux transformers
- Installed AG conduit on equipment as it is being set
- Grounding of AG Equipment and structures
- Began Switchyard erection
- Started to pull cable at Unit 2

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion has been forecasted from February 27, 2020 to February 28, 2020 as shown in the October MCR.

2. Documents Required by Specific Conditions for MCR

The Documents required by specific conditions have been identified in Section 4 “Conditions Satisfied During Reporting Period” of this report and are also included in the in Attachments.

During this reporting period there were no Discrepancies to report as required in GEN-7. As such, Attachment 12 contains no information.

During this reporting period there were no changes to the encroachment permit as required in SOIL&WATER-8. As such, Attachment 15 contains no information.

During this reporting period there were no Discrepancies or Non-Compliance items to report as required in CIVIL-3 as indicated in Attachment 19.

3. Compliance Matrix

The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and DCBO and the dates of any approvals by the DCBO, CEC or other agencies having review or approval rights. The Compliance Matrix is included in Attachment 2.

4. Conditions Satisfied During Reporting Period

The Commission Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in an MCR. This section of the MCR describes activities that ensure compliance is achieved with all conditions of verification in the Commission Decision for the SERC Project. The report format is designed to be comprehensive and inclusive of all Conditions of Certification that require monthly reporting.

Many Conditions of Certification are addressed in the attachments to this MCR. The following one-time and/or monthly compliance activities were completed or addressed during the report period:

AQ-SC1: The additional Air Quality Construction/Demolition Mitigation Manager (AQCOMM) delegates (Robert Dixon and John Crumb) were approved during the reporting period.

AQ-SC3: 1) A summary of all actions taken to maintain compliance with this condition 2) Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD) in relation to project construction; and 3) other documentation deemed necessary to verify compliance with this condition are included in the AQCOMM's monthly report in Attachment 3.

AQ-SC4: 1) Work activities requiring dust control and a summary of all actions taken to maintain compliance with this condition; 2) copies of any complaints filed with the SCAQMD in relation to project construction; and 3) any other documentation necessary to verify compliance with this condition are included in the AQCOMM's monthly report in Attachment 3.

AQ-SC5: 1) A summary of all actions taken to maintain compliance, 2) list of heavy equipment, and 3) other documentation necessary to verify compliance during the reporting period is included in the AQCOMM's monthly report in Attachment 3.

BIO-2: A monthly Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) provides a summary of reporting period construction activities and associated biological monitoring and is included in Attachment 4.

BIO-3: The additional Biological Monitors (Dennis Miller, Austin Van Meter, Philip Gunther, Will Molland-Simms and William Roberts) were approved during the reporting period.

BIO-5: During the reporting period 96 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 523. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

BIO-6: The Designated Biologist and Biological Monitor provides monthly documentation on how the biological mitigation measures defined in the BRMIMP have been implemented during the reporting period. This information is included in Attachment 4.

BIO-8: The Designated Biologist and Biological Monitors have provided documentation on pre-construction nest surveys to the CPM, California Department of Fish and Wildlife (CDFW) and U.S. Fish and Wildlife Service (USFWS) as required. These activities and reports are addressed in the Monthly Biological Report included as Attachment 4. Impact avoidance and minimization measures related to nesting and breeding birds have been implemented during the reporting period. This information is included in Attachment 4.

CIVIL-1: There were no proposed changes to the drainage structures and the grading; the erosion and sedimentation control plan; the construction Storm Water Pollution Prevention Plan (SWPPP); related calculations and specifications that have been signed and stamped by the responsible civil engineer or the soils, geotechnical or foundation investigations reports required by the 2016 CBC that have been previously submitted and approved by the CBO.

CIVIL-3: There were no inspection, non-conformance reports during the reporting period. (Attachment 5)

COM-5: An updated compliance matrix is provided as Attachment 2.

COM- 6: This MCR conforms to and satisfies the COC.

COM-7: There were no required Periodic or Annual Compliance Reports due in this reporting period.

COM-9: The Annual Compliance Fee was paid by SERC, LLC on Jun 5th. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.

COM-10: On September 13, 2019 SERC filed a Petition for Post Certification Change (TN#: 229730) with the CEC requesting the site boundary be modified to eliminate a portion of Parcel 2 from the Commission Final Decision. The petition is still under review by the CEC staff and is expected to be docketed during the next reporting period.

COM-11: There were no complaints, notices, warnings, citations or fines during this reporting period. The Complaint Log can be found in Attachment 21 of this MCR.

COM-13: No Incident-Reporting Requirements occurred during this reporting period.

CUL-1: The additional CRM's (Evelyn Chandler, Liz Denniston, Morgan Bender, Cissy London, Brittany Cleary and Sun Min Choi) were approved during the reporting period.

CUL-2: Three week look ahead schedules are being provided weekly to allow the CRS to plan the CRM's monitoring work accordingly. The CPM is being copied on these schedules as well.

CUL-3: The CRMMP is being fully implemented. Specific details can be found in the daily cultural resource reports being submitted to the CPM and in the monthly Cultural Resources Report included as Attachment 6 of this MCR.

CUL-5: During the reporting period 96 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 523. Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

CUL-6: The Cultural Resources Specialist's monthly summary report is included as Attachment 6 to this MCR.

CUL-7: There were no cultural resource discoveries made during the reporting period.

ELEC-1: Documentation of transmittal of electrical construction design review and approval by the DCBO during the reporting period. During this reporting period there were no review or approvals by the DCBO therefore Attachment 8 has been left blank.

Additionally, there were two (2) receipts of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period:

- Unit 1 Generator - The OEM Delivery and Installation testing was performed on Unit 1 Generator.
- 66kV SF6 Breaker - Testing will be performed on the 66kV SF6 Breaker and associated air disconnect switches once they have been set in position.

GEN-2: There were no schedule updates in the reporting period to the facility design schedule, the master drawings and master specifications list (Attachment 9).

GEN-3: Proof of payment to the DCBO during this reporting period is included in Attachment 10.

GEN-6: There were nine (9) additional special inspectors approved during the reporting period as indicated in Attachment 11.

GEN-7: During this reporting period there were no Design Discrepancy Correction as described in GEN-7.

GEN-8: There were no final inspections during this reporting period as described in GEN-8 (Attachment 13).

HAZ-2: On September 27, 2019 SERC filed the Final Hazardous Materials Business Plan (HMBP) and a Spill Prevention Control Countermeasures plan to the California Energy Commission and Orange County Environmental Health Division (OCEHD) for approval. SERC received approval from the CEC on October 14, 2019.

In addition, on October 25, 2019 SERC filed the Final Risk Management Plan to the California Energy Commission and Orange County Environmental Health Division (OCEHD) for approval. At the time of this writing SERC is still awaiting comments/approval from the California Energy Commission and Orange County Environmental Health Division (OCEHD).

HAZ-3: During this reporting period, the Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck that was submitted on September 27, was approved by the CEC on October 8, as required in the COC.

HAZ-5: During this reporting period the Letters to vendors delivering aqueous ammonia by tanker truck that exceed specifications of MC-307/DOT-407 that was submitted on September 30, was approved by the CEC on October 8, as required in the COC.

HAZ-6: During this reporting period the Letters with detailed delivery route for bulk quantities of hazardous materials – deliveries that was submitted on September 30, was approved by the CEC on October 8, as required in the COC.

HAZ 8: On August 9, SERC made notification of the availability of the Site-Specific Site Security plan in accordance with HAZ-8. On August 21, 2019 CPM was on site and received a copy of the plan to review. On August 29, 2019 the CEC provided comments, SERC incorporated the comments and presented to the CEC during their site visit on September 18, 2019.

MECH-1: There were ten (10) submittals from SERC to the CBO during this reporting period. Documentation of transmittal letters of completion of all DCBO inspections are included in Attachment 22.

MECH-2: There were no on-site fabrication or installation of any pressure vessels during this reporting period.

NOISE-2: There were no noise complaints received during this reporting period.

PAL-1: The additional PRM's (Nolan, Richards and Patrick Riseley) were approved during the reporting period.

PAL-2: Three week look ahead schedules are being provided weekly to allow the PRS to plan the PRM's monitoring work accordingly. The CPM is being copied on these schedules as well.

PAL-3: The PRMMP is being fully implemented. Specific details can be found in the Monthly Paleontology Resources Report included as Attachment 7.

PAL-5: During the reporting period 96 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 523. Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

PAL-6: A summary of the Paleontological Resource Specialist's activities during the reporting period including daily monitoring logs is included in the Monthly Paleontology Report included as Attachment 7.

SOIL&WATER-4: The monthly water use for SERC during the reporting period was 12,500 CF. Daily water usage is provided within Attachment 14.

STRUC-1: Documentation of DCBO approval of structural plans, specifications, and calculations during the reporting period is included in Attachment 16. Additionally, copies of the STRUC 1 transmittal cover sheets from the STRUC 1 submittals to the CBO were provided to the CPM in accordance with this condition of certification.

STRUC-3: There were no design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes during this reporting period.

TRANS-1: There were six (6) deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified in Attachment 17

TRANS-5: The project did not contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes during this reporting period.

TSE-1: There were no schedule updates to the transmission facilities design submittals, Master Drawings List, and a Master Specifications List or Major Equipment and Structure List during the reporting period.

TSE-2: . There were two (2) receipts of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period.

- Unit 1 Generator - The OEM Delivery and Installation testing was performed on Unit 1 Generator.
- 66kV SF6 Breaker - Testing will be performed on the 66kV SF6 Breaker and associated air disconnect switches once they have been set in position.

VIS-3: There were no lighting complaints for any construction activity during this reporting period.

WASTE-4: During this reporting period Seven (7) forty-yard bins of construction waste left the site, one (1) forty-yard waste metal bin and no (0) eco pans of solid waste left the site.

WASTE-6: SERC is keeping a copy of the hazardous waste generator identification number(s) on file at the project site (EPA ID 2-27-19-CAR000292565). Documentation of any new or revised hazardous waste generation notifications or changes in identification number are required to be provided to the CPM in the next scheduled compliance report. There have been no revisions during this reporting period.

WASTE-9: There were no spills or releases of hazardous substances, materials, or waste are reported, cleaned up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements during this reporting period.

WORKER SAFETY-3: The CSS's Monthly Compliance Report includes documentation of 1) employees trained, 2) safety management actions safety-related incidents, 3) unresolved situation and incidents that may pose a danger to life and health, 4) reports of any visits from Cal/OSHA and/or any complaints from workers to Cal/OSHA and 5) reports of accidents, injuries, and near misses during the reporting period is included in this MCR as Attachment 18.

5. Missed Deadlines

There were no missed deadlines during this reporting period.

6. Approved Changes to Conditions of Certification (COC)

No changes to the COC occurred during this reporting period.

7. Governmental Agencies Submittals / Permits

The Permits by Government Agencies as required in COM-6 are included in Attachment 20.

8. Compliance Activity Two Month Schedule

- Adhere to Conditions of Certification, defined herein, that require monthly activities and/or per event submittals.
- COM-5 and 6 – Submit MCR and compliance matrix to the CEC.

9. On-Site Compliance File

SERC, LLC is maintaining electronic copies of all project files and submittals in accordance with COC COM-2 and the clarifications received from the CPM on March 21, 2019 regarding electronic record retention. At least one hard copy of the following will be kept onsite:

1. all finalized original and amended structural plans and “as-built” drawings for the entire project (later)
2. the most current versions of any plans, manuals, and training documentation required by the COC or applicable LORS

10. Incidents, Complaints, Notices of Violation, Official Warnings and Citations

There were no incidents, notices of violation, official warnings or citations received during the month of October 2019.

Attachment 1 – COM-6 Project Schedule

SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)				WBS Summary					10-Oct-19 10:14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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										Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
79		Available for delivery to the Project Site		0	100%	01-Apr-19 A			0																												
Construction Contracting		97	100%	03-Sep-18 A	24-Jan-19 A			0																													
81	Receive Initial Bids from Construction Contractors	0	100%	03-Sep-18 A				0																													
82	Review Initial Bids	30	100%	04-Sep-18 A	04-Oct-18 A			0																													
84	Achieve Commercial Lockdown	0	100%		26-Nov-18 A			0																													
83	Short list two construction contractors and negotiate draft	28	100%	04-Oct-18 A	26-Nov-18 A			0																													
86	Final Bids Tuned In	0	100%		14-Dec-18 A			0																													
85	Contractor Pricing Refresh	18	100%	26-Nov-18 A	14-Dec-18 A			0																													
87	Review Final Bids / Select Contractor	2	100%	14-Dec-18 A	20-Dec-18 A			0																													
89	Make executed construction contract available in the SER	0	100%		21-Dec-18 A			0																													
88	Execute Construction Contract	0	100%		21-Dec-18 A			0																													
90	Provide Notice To Proceed to Contractor	0	100%		24-Jan-19 A			0																													
Project Finance		176	100%	16-Oct-18 A	24-Jan-19 A			0																													
92	Provide Mandate to Helaba	0	100%	16-Oct-18 A				0																													
93	Perform Dilligence	1	100%	16-Oct-18 A	14-Jan-19 A			0																													
94	Develop Loan Documentation	4	100%	16-Oct-18 A	17-Jan-19 A			0																													
95	Financial Close	0	100%	24-Jan-19 A				0																													
CEC Compliance		560	27.29%	19-Dec-18 A	02-Oct-21	0	-21																														
CBO Activity		217	54.98%	19-Dec-18 A	25-Mar-20																																

SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)				WBS Summary				10-Oct-19 10:14																											
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.					2020												2021											
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusion in I	0	100%	19-Sep-19 A			0	◆																											
BIO-1020	BIO-7b - General Impact Avoidance and Mitigation Measun	0	0%	08-May-20		409	0							◆																					
BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0	0%	08-May-20		409	0							◆																					
BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on File	0	0%	12-Nov-20		259	0														◆														
Civil		0	0%	23-Apr-20	23-Apr-20	422	0																												
CIV-1010	CIVIL-4a - Final Grading Plan Approval	0	0%	23-Apr-20		422	0							◆																					
Communication		0	0%	17-Jan-20	17-Jan-20	499	0																												
COM-1020	COM-12b - Emergency Response Site Contingency Plan	0	0%	17-Jan-20		499	0				◆																								
Cultural		90	0%	23-Apr-20	13-Aug-20	332	0																												
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from i	0	0%	23-Apr-20		422	0								◆																				
CUL-1010	CUL-4b - Final Cultural Resources Report	0	0%	13-Aug-20		332	0													◆															
General		104	0%	01-Apr-20	09-Aug-20	335	-14																												
GEN-1030	GEN-8b - Plan and Specification Storage	0	0%	01-Apr-20		439	0								◆																				
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0%	23-Jul-20		349	0												◆																
GEN-1010	GEN-1b - Certificate of Occupancy	0	0%	09-Aug-20		335	-30													◆															
GEN-1000	GEN-1a - Certificate of Occupancy	0	0%	09-Aug-20		335	-30														◆														
Hazardous		142	55.93%	20-Jul-19 A	13-Jan-20	502	-2																												
HAZ-1080	HAZ-8a - Operations Site Security Plan	0	100%	20-Jul-19 A			0																												
HAZ-1000	HAZ-2a - Final HMBP and SPCC	0	100%	20-Jul-19 A			0																												
HAZ-1060	HAZ-6a - HazMat Transport Route Restrictions	0	100%	28-Jul-19 A			0																												
HAZ-1010	HAZ-2b - Final Risk Management Plan	0	100%	29-Jul-19 A			0																												
HAZ-1070	HAZ-6b - Route Restrictions, New Vendor	0	100%	23-Aug-19 A			0																												
HAZ-1050	HAZ-5 - Transport Vehicle Specifications	0	0%	27-Oct-19		565	-6		◆	◆																									
HAZ-1040	HAZ-4 - Ammonia Storage Tank Design	0	0%	27-Oct-19		565	-6		◆	◆																									
HAZ-1030	HAZ-3 - Aqueous Ammonia Safety Management Plan	0	0%	27-Oct-19		565	-6		◆	◆																									
HAZ-1020	HAZ-2c - Final Risk Management Plan	0	0%	27-Oct-19		565	-6		◆	◆																									
HAZ-1090	HAZ-9 - Fuel Gas Pipe Cleaning	0	0%	13-Jan-20		502	-2					◆																							
Mechanical		30	100%	24-Aug-19 A	01-Oct-19	585	5																												
MECH-1000	MECH-2a - Pressure Vessel Installation	0	100%	24-Aug-19 A			0																												
MECH-1020	MECH-3b - HVAC Plans	0	0%	01-Oct-19		585	5	◆	◆																										
MECH-1010	MECH-3a - HVAC Plans	0	0%	01-Oct-19		585	5	◆	◆																										
Noise		15	0%	04-Apr-20	23-Apr-20	422	0																												
NOI-1030	NOISE-5 - Occupational Noise Survey	0	0%		04-Apr-20	437	0								◆	◆																			
NOI-1010	NOISE-4a - Operational Noise Survey	0	0%	04-Apr-20		422	0								◆	◆																			
NOI-1020	NOISE-4b - Noise Survey Summary Report	0	0%	23-Apr-20		422	0									◆																			
Paleo		60	0%	13-Aug-20	27-Oct-20	272	0																												
PAL-1000	PAL-7 - Paleontological Resources Report	0	0%	13-Aug-20		272	0													◆															
PAL-1010	PAL-8 - Curation Entity/Curation Fees	0	0%	27-Oct-20		272	0															◆													
Structural		0	0%	27-Oct-19	27-Oct-19	565	-6																												
STR-1010	STRUC-4a - Tank and HazMat Vessel Design	0	0%	27-Oct-19		565	-6		◆	◆																									
Transmission		0	0%	27-Dec-19	27-Dec-19	516	0																												

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

◆

◆ Milestone

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SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)				WBS Summary				10-Oct-19 10:14																											
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.					2020												2021											
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	TLSN-1010	TLSN-2 - Metallic Objects Grounded	0	0%	27-Dec-19		516	0					◆																						
	Transportation		0	0%	12-Nov-20	12-Nov-20	259	0																											
	TNP-1000	TRANS-4b - Copies of Permits	0	0%	12-Nov-20		259	0																											
	Switchyard		485	0%	04-Feb-20	02-Oct-21	0	-30																											
	TSE-1060	TSE-4b - Notice to CAISO	0	0%	04-Feb-20		485	0					◆																						
	TSE-1050	TSE-4a - Notice to CAISO	0	0%	11-Feb-20		479	0					◆																						
	TSE-1090	TSE-5d - As-Built Drawings	0	0%	18-Apr-20		426	0						◆																					
	TSE-1080	TSE-5c - As-Built Drawings	0	0%	18-Apr-20		426	0						◆																					
	TSE-1070	TSE-5b - As-Built Drawings	0	0%	18-Apr-20		426	0						◆																					
	TSE-1020	TSE-2b - Final Switchyard Design	0	0%	02-Oct-21		0	-30																											
	Visual		252	0%	01-Jan-20	12-Nov-20	259	0																											
	VIS-1010	VIS-2a - Screening Landscaping Plan	0	0%	01-Jan-20		512	0						◆																					
	VIS-1000	VIS-1c - Notification that Treatment Completed	0	0%	01-Apr-20		439	0																											
	VIS-1020	VIS-2c - Landscape Installation Timing	0	0%	23-Apr-20		422	0																											
	VIS-1030	VIS-2d - Landscaping Ready for Inspection	0	0%	01-May-20		415	0																											
	VIS-1100	VIS-4h - Pre-COD Inspection	0	0%	12-Nov-20		259	0																											
	VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0	0%	12-Nov-20		259	0																											
	Waste		137	0%	24-May-20	12-Nov-20	259	0																											
	WASTE-1020	WASTE-1b - SMP Summary	0	0%	24-May-20		397	0																											
	WASTE-1050	WASTE-8a - Operation Waste Management Plan	0	0%	12-Nov-20		259	0																											
	Worker Safety		193	58.98%	28-Jul-19 A	25-Mar-20	444	0																											
	WRSF-1040	WORKER SAFETY-7c - Fire Protection System Specificati	0	100%	28-Jul-19 A			0																											
	WRSF-1020	WORKER SAFETY-7a - Fire Protection System Specificati	0	100%	28-Jul-19 A			0																											
	WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA	0	0%	10-Jan-20		504	0						◆																					
	WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0	0%	10-Jan-20		504	0						◆																					
	WRSF-1010	WORKER SAFETY-2b - Operations H&S Program	0	0%	13-Jan-20		502	-2						◆																					
	WRSF-1000	WORKER SAFETY-2a - Operations H&S Program	0	0%	13-Jan-20		502	-2						◆																					
	WRSF-1080	WORKER SAFETY-8f.1 - Final UL Certification of ESS	0	0%	25-Mar-20		444	0							◆																				
	WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS	0	0%	25-Mar-20		444	0							◆																				
LM6000 Construction Schedule			334	53.72%	09-Nov-18 A	02-Jul-20	253	-19																											
Stanton Energy Reliability Center - 29SEP19			334	53.72%	09-Nov-18 A	02-Jul-20	253	-19																											
Milestones			333	53.61%	09-Nov-18 A	02-Jul-20	-19	-19																											
Contract Milestones			314	83.67%	09-Nov-18 A	30-May-20	0	0																											
00-Milest-110	Contract Negotiations	34	100%	09-Nov-18 A	21-Dec-18 A		0																												
00-Milest-120	Effective Date	1	100%	24-Dec-18 A	24-Dec-18 A		0																												
00-Milest-130	Commencement Date & NTP = 04FEB19	0	100%	04-Feb-19 A			0																												
00-Milest-190	Scheduled Mechanical Completion Date = 01Mar20	0	0%		01-Mar-20*	0	0							◆																					
00-Milest-200	Final Project Completion Date = 26MAR20	0	0%		30-May-20	0	0									◆																			
Project Milestones			300	51.87%	14-Jan-19 A	02-Jul-20	-19	-19																											
00-Milest-300	Kick-off Meeting	1	100%	14-Jan-19 A	14-Jan-19 A		0																												
00-Milest-310	Start of Mobilization	0	100%	04-Feb-19 A			0																												

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

◆

◆ Milestone

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SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)			WBS Summary					10-Oct-19 10:14																												
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.					2020								2021																
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	00-Paymnt-094	CTG2 - Shake Out CTG Parts	0	100%		27-Sep-19 A	0																													
	00-Paymnt-100	CTG2 - Install VBV Ducting	0	0%		03-Oct-19	132	0																												
	00-Paymnt-101	CTG2 - Install Air Filter Housing	0	0%		08-Oct-19	130	0																												
	00-Paymnt-098	CTG2 - Install Air Intake Trans Ducting	0	0%		08-Oct-19	130	0																												
	00-Paymnt-097	CTG2 - Internal Final Alignment Checks	0	0%		08-Oct-19	130	0																												
	00-Paymnt-104	CTG2 - Final Wipe Down Air Inlet	0	0%		14-Oct-19	126	0																												
	00-Paymnt-102	CTG2 - Air Housing Internals	0	0%		14-Oct-19	126	0																												
	00-Paymnt-099	CTG2 - Install Generator Vent Ducting	0	0%		22-Oct-19	122	0																												
	00-Paymnt-105	CTG2 - GE Signoff	0	0%		29-Oct-19	118	0																												
	00-Paymnt-103	CTG2 - Final Check and Grout	0	0%		29-Oct-19	118	0																												
	ERU1 Components Setting and Installation Milestones		34	0%	27-Dec-19	26-Feb-20	53	1																												
	00-Paymnt-107	ERU1 - Insulation and Liner Plates	0	0%		27-Dec-19	86	0																												
	00-Paymnt-106	ERU1 - Complete Field Bolt Up and all Sections Set	0	0%		27-Dec-19	86	0																												
	00-Paymnt-108	ERU1 - Field Load Catalyst	0	0%		26-Feb-20	53	1																												
	ERU2 Components Setting and Installation Milestones		90	8.93%	06-Sep-19 A	25-Feb-20	54	2																												
	00-Paymnt-112	Set Fuel Gas Compressor Equipment	0	100%		06-Sep-19 A		0																												
	00-Paymnt-113	Set Demin Area Equipment	0	100%		13-Sep-19 A		0																												
	00-Paymnt-119	Ammonia Tank	0	100%		16-Sep-19 A		0																												
	00-Paymnt-118	Set Ammonia Forwarding Skid	0	100%		16-Sep-19 A		0																												
	00-Paymnt-114	Set PDM and Control Modules	0	100%		26-Sep-19 A		0																												
	00-Paymnt-115	Set CTG Aux Skids	0	0%		30-Sep-19	135	0																												
	00-Paymnt-110	ERU2 - Insulation and Liner Plates	0	0%		20-Nov-19	106	0																												
	00-Paymnt-109	ERU2 - Complete Field Bolt Up and all Sections Set	0	0%		20-Nov-19	106	0																												
	00-Paymnt-116	Set ERU Aux Skid - Ammonia Vaporization Skids	0	0%		03-Jan-20	83	0																												
	00-Paymnt-117	Set CEMS Buildings	0	0%		06-Jan-20	82	0																												
	00-Paymnt-111	ERU2 - Field Load Catalyst	0	0%		25-Feb-20	54	2																												
	Demin Water Tank Milestones		21	100%	23-Sep-19 A	04-Nov-19	114	0																												
	00-Paymnt-120	Demin Water Tank Materials Delivered at Site	0	100%		23-Sep-19 A		0																												
	00-Paymnt-121	Demin Water Tank Installation Complete	0	0%		04-Nov-19	114	0																												
	AG Piping Installation Milestones		54	2.94%	30-Aug-19 A	27-Jan-20	70	1																												
	00-Paymnt-122	Procurement of AG Pipe Materials and Receipt of 100% Ve	0	100%		30-Aug-19 A		0																												
	00-Paymnt-126	Rack and Utility Bridge Piping (Demin Water)	0	100%		16-Sep-19 A		0																												
	00-Paymnt-124	Demin Water @ CTG1 and CTG2	0	0%		18-Oct-19	123	0																												
	00-Paymnt-129	Natural Gas System Piping	0	0%		23-Oct-19	121	0																												
	00-Paymnt-123	Lube Oil Piping CTG1 and CTG2	0	0%		24-Oct-19	120	0																												
	00-Paymnt-125	Demin Water @ Tank Area	0	0%		25-Oct-19	119	0																												
	00-Paymnt-128	Ammonia System Piping	0	0%		07-Jan-20	82	0																												
	00-Paymnt-127	CTG Package Drain System	0	0%		27-Jan-20	70	1																												
	Electrical Procurement Milestones		59	22.97%	16-Sep-19 A	02-Jan-20	84	0																												
	00-Paymnt-134	Fabricated Structural Steel Procurement (Received on Site	0	100%		16-Sep-19 A		0																												
<div><div></div> Remaining Level of Effort</div> <div><div></div> Actual Level of Effort</div>			<div><div></div> Actual Work</div> <div><div></div> Remaining Work</div>			<div><div></div> Critical Remaining Work</div> <div><div></div> Milestone</div>			Page 9 of 15														TASK filter: Not Level Of Effort.												© Oracle Corporation	

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SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)			WBS Summary						10-Oct-19 10:14																									
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020														2021												
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	00-Paymnt-166	4160 V System - Set 5 kV Switchgear	0	0%		07-Oct-19	130	0	◆																									
	00-Paymnt-169	4160 V System - 4160 V Area Electrical Installation Comple	0	0%		03-Jan-20	83	0				◆																						
	00-Paymnt-168	4160 V System - 13.8 kV Cable from 15 kV Switchgear 1 to	0	0%		03-Jan-20	83	0				◆																						
	00-Paymnt-167	4160 V System - 13.8 kV Cable from 15 kV Switchgear 2 to	0	0%		03-Jan-20	83	0				◆																						
	U1 480 Volt System Milestones		30	0%	19-Dec-19	12-Feb-20	61	1				◆																						
	00-Paymnt-171	U1 480 V System - 480 Volt Feeder Cables from PDM 1 to t	0	0%		19-Dec-19	90	0				◆																						
	00-Paymnt-170	U1 480 V System - 480 Volt Feeder Cables from Aux Xfmr 1	0	0%		15-Jan-20	77	0					◆																					
	00-Paymnt-173	U1 480 V System - Termination of 480 Volt Cables to all 48l	0	0%		23-Jan-20	72	1					◆																					
	00-Paymnt-172	U1 480 V System - Pull 480 Volt Cables to all 480 Volt Load	0	0%		12-Feb-20	61	1					◆																					
	U2 480 Volt System Milestones		18	0%	19-Dec-19	23-Jan-20	72	1				◆																						
	00-Paymnt-175	U2 480 V System - 480 Volt Feeder Cables from PDM 2 to t	0	0%		19-Dec-19	90	0				◆																						
	00-Paymnt-174	U2 480 V System - 480 Volt Feeder Cables from Aux Xfmr 2	0	0%		14-Jan-20	78	0					◆																					
	00-Paymnt-176	U2 480 V System - Pull 480 Volt Cables to all 480 Volt Load	0	0%		22-Jan-20	73	1					◆																					
	00-Paymnt-177	U2 480 V System - Termination of 480 Volt Cables to all 48l	0	0%		23-Jan-20	72	1					◆																					
	Start-Up and Commissioning Milestones		70	0%	23-Oct-19	02-Mar-20	50	2																										
	00-Paymnt-183	SU&C - Natural Gas Piping - Air Blows Common	0	0%		23-Oct-19	121	0	◆																									
	00-Paymnt-182	SU&C - Lube Oil Flush U2	0	0%		15-Nov-19	108	0		◆																								
	00-Paymnt-185	SU&C - Natural Gas Piping - Air Blows U2	0	0%		21-Nov-19	105	0		◆																								
	00-Paymnt-181	SU&C - Lube Oil Flush U1	0	0%		03-Dec-19	100	0		◆																								
	00-Paymnt-184	SU&C - Natural Gas Piping - Air Blows U1	0	0%		09-Dec-19	97	0		◆																								
	00-Paymnt-180	SU&C - Electrical Testing U2	0	0%		23-Jan-20	72	1					◆																					
	00-Paymnt-179	SU&C - Electrical Testing U1	0	0%		03-Feb-20	66	1					◆																					
	00-Paymnt-178	SU&C - Electrical Testing Plant Common	0	0%		02-Mar-20	50	2						◆																				
	Misc Milestones		86	52.04%	22-Jul-19 A	19-Dec-19	90	0																										
	00-Paymnt-191	Install Warehouse Building - Scope Eliminated by Owner	0	100%		22-Jul-19 A		0																										
	00-Paymnt-187	Issue Purchase Orders for All Buildings	0	100%		26-Jul-19 A		0																										
	00-Paymnt-188	Receipt of Building Material On Site	0	0%		21-Oct-19	123	0	◆																									
	00-Paymnt-190	Install Roofless Building U2	0	0%		11-Dec-19	95	0		◆																								
	00-Paymnt-189	Install Roofless Building U1	0	0%		18-Dec-19	91	0				◆																						
	00-Paymnt-192	Install Perimeter Fence and Gates (Fence Grounding inclu	0	0%		19-Dec-19	90	0				◆																						
	Completion Milestones		72	0%	26-Feb-20	02-Jul-20	-19	-21																										
	00-Paymnt-186	Mechanical Completion	0	0%		26-Feb-20	53	1					◆																					
	00-Paymnt-193	Final Construction Completion	0	0%		11-Mar-20	45	1					◆																					
	00-Paymnt-194	Final Project Completion	0	0%		02-Jul-20	-19	-21								◆																		
	Inclement Weather / Rain Days		1	100%	04-Mar-19 A	04-Mar-19 A		0																										
	00-RainD-001	TIMP: 04MAR19 Rain Over Weekend, No Hauling	1	100%	04-Mar-19 A	04-Mar-19 A		0																										
	Construction		325	73.89%	04-Feb-19 A	02-Mar-20	322	2																										
	Mobilization		19	100%	04-Feb-19 A	01-Mar-19 A		0																										
	Site Preparation		189	34.92%	19-Feb-19 A	15-Oct-19	41	0																										
	Vehicle Bridge		144	37.22%	04-Mar-19 A	31-Oct-19	-1	0																										
	UG Electrical		263	30.55%	22-Mar-19 A	02-Jan-20	84	0																										
	UG Piping		162	53.47%	06-May-19 A	21-Feb-20	327	2																										
	Remaining Level of Effort																																	
	Actual Work																																	
	Critical Remaining Work																																	
	Actual Level of Effort																																	
	Remaining Work																																	
	Milestone																																	
	Milestone																																	

Remaining Level of Effort Actual Work Critical Remaining Work
Actual Level of Effort Remaining Work ◆ Milestone

SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)			WBS Summary						10-Oct-19 10:14																									
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020														2021												
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	Foundations	231	77.51%	06-Mar-19 A	03-Jan-20	355	0																											
	Structural Steel	146	32.97%	05-Feb-19 A	18-Dec-19	3	0																											
	Equipment Installation	156	47.18%	20-May-19 A	26-Feb-20	325	1																											
	Electrical Installation	178	52.25%	11-Apr-19 A	02-Mar-20	322	2																											
	AG Piping	101	34.92%	29-Jul-19 A	28-Jan-20	-14	1																											
	Painting & Insulation	34	4.76%	24-Dec-19	19-Feb-20	57	2																											
	Pre-Commissioning	72	0%	29-Oct-19	09-Mar-20	38	2																											
	U2 Power Block PWP's	58	0%	30-Oct-19	13-Feb-20	-19	-11																											
	U1 Power Block PWP's	50	0%	14-Nov-19	13-Feb-20	-17	-2																											
	System Turn Over Packages	72	0%	29-Oct-19	09-Mar-20	38	2																											
	Commissioning	132	42.42%	29-Jul-19 A	23-Mar-20	310	2																											
	U2 Power Block CWP's	120	70%	29-Jul-19 A	02-Mar-20	322	1																											
	U1 Power Block CWP's	120	76.67%	29-Jul-19 A	02-Mar-20	322	1																											
	System Commissioning Packages	76	0%	05-Nov-19	23-Mar-20	38	2																											
	Demobilization	59	0%	10-Jan-20	22-Apr-20	21	1																											
	Socal Gas Line Schedule	87	26.61%	19-Aug-19 A	24-Jan-20	343	-5																											
	SCG-1000 Mobilization	5	100%	19-Aug-19 A	23-Aug-19 A		0																											
	SCG-1010 Install 600' Of 12"	13	100%	26-Aug-19 A	19-Sep-19 A		0																											
	SCG-1020 Install 1200' of 12"	4	0%	30-Sep-19	08-Jan-20	343	-5																											
	SCG-1030 Testing	4	0%	08-Jan-20	15-Jan-20	343	-5																											
	SCG-1040 Socal Gas Tie-In	4	0%	15-Jan-20	17-Jan-20	343	-5																											
	SCG-1050 De-Mobilize	4	0%	20-Jan-20	24-Jan-20	343	-5																											
	SCE Interconnection Schedule	470	51.56%	07-Apr-17 A	20-Aug-20	226	0																											
	Stanton Energy Reliability Center Integrated Schedule (PIN# 8016) - Update	470	51.56%	07-Apr-17 A	20-Aug-20	226	0																											
	Project Management	358	100%	07-Apr-17 A	01-Feb-20	339	0																											
	0110 PMWIF Issuance	0	100%		07-Apr-17 A		0																											
	0115 PMWIF Acceptance	0	100%		14-Apr-17 A		0																											
	0100 Issue ATP	0	100%		20-Mar-18 A		0																											
	0120 Customer Final Design	10	100%	02-Jul-18 A	14-Dec-18 A		0																											
	0130 Substation Designs Complete	0	100%		05-Feb-19 A		0																											
	0125 Issued Drawings to CDM	0	100%		10-Apr-19 A		0																											
	0105 Approved OD	0	0%		01-Feb-20*	-29	0																											
	Customer Milestones	229	39.96%	14-Dec-18 A	01-Nov-19	501	0																											
	01205 Design Drawings Final	0	100%		14-Dec-18 A		0																											
	01210 UG 66kV Duck Construction Complete	0	100%		01-May-19 A		0																											
	01215 66kV Dead-End Rack Construction Complete	0	100%		01-Jul-19 A		0																											
	01220 Diverse Fiber Duct Construction Complete	0	100%		15-Aug-19 A		0																											
	01225 Control House Ready for SCE Telecom Cabinets	0	0%		01-Oct-19*	0	0																											
	01230 Ready for In-Service Testing	0	0%		01-Nov-19*	0	0																											
	Environmental	150	100%	01-Aug-18 A	31-May-19 A		0																											
	0355 Environmental Process	150	100%	01-Aug-18 A	31-May-19 A		0																											
	Substation	388	78.09%	25-Jan-18 A	24-Jan-20	-20	0																											
	Mirage Substation	227	100%	14-May-18 A	13-Jun-19 A		0																											
	Engineering	130	100%	14-May-18 A	15-Apr-19 A		0																											

SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)				WBS Summary				10-Oct-19 10:14																								
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.					2020								2021												
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	01005	Preliminary Engineering	50	100%	14-May-18 A	30-May-18 A		0																								
	01170	Final Engineering	80	100%	07-Aug-18 A	15-Apr-19 A		0																								
	Construction		34	100%	16-Apr-19 A	31-May-19 A		0																								
	01015	UFLS Work Start	0	100%	16-Apr-19 A			0																								
	01025	UFLS Work Finish	0	100%		31-May-19 A		0																								
	01020	UFLS Work	34	100%	16-Apr-19 A	31-May-19 A		0																								
	Commissioning		10	100%	31-May-19 A	13-Jun-19 A		0																								
	01000	Test & In-Service	10	100%	31-May-19 A	13-Jun-19 A		0																								
	Distribution Upgrades at Barre Substation (SAP# 902360074)		350	75.71%	14-May-18 A	24-Jan-20	-20	0																								
	Engineering		145	100%	14-May-18 A	10-Apr-19 A		0																								
	Preliminary Engineering		20	100%	14-May-18 A	30-May-18 A		0																								
	01030	Preliminary Engineering	20	100%	14-May-18 A	30-May-18 A		0																								
	Final Engineering / Design		145	100%	04-Sep-18 A	10-Apr-19 A		0																								
	01050	Final Engineering / Designs	34	100%	17-Dec-18 A	05-Feb-19 A		0																								
	01045	Structural Engineering / Design	100	100%	04-Sep-18 A	05-Feb-19 A		0																								
	01040	Civil Engineering / Design	47	100%	03-Dec-18 A	05-Feb-19 A		0																								
	01035	Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19 A		0																								
	01060	Quality Assurance Review	23	100%	06-Feb-19 A	08-Mar-19 A		0																								
	01255	Issue Structural Steel Package to CDM (SAP# 902306533)	0	100%		28-Mar-19 A		0																								
	01070	QA Corrections	25	100%	11-Mar-19 A	10-Apr-19 A		0																								
	01065	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0																								
	Procurement / Materials		198	100%	21-Nov-18 A	30-Aug-19 A		0																								
	01100	RE to Submit Major Material Order (CB)	0	100%		21-Nov-18 A		0																								
	01085	Issue PO for Circuit Breaker	0	100%		03-Dec-18 A		0																								
	01115	CB Delivered	0	100%		30-Aug-19 A		0																								
	01110	Procurement / Material Delivery	125	100%	03-Dec-18 A	30-Aug-19 A		0																								
	Construction		154	48.05%	03-Jun-19 A	17-Jan-20	-20	0																								
	01270	Summer Load and High Line Loading Period	100	80%	03-Jun-19 A	25-Oct-19	-20	0																								
	01280	3ABank in Position 10 Offline	0	0%		15-Nov-19	-20	0																								
	01275	Outage Request	15	0%	28-Oct-19	15-Nov-19	-20	0																								
	01078	Construction Start	0	0%	18-Nov-19		-20	0																								
	01260	Install Structural Steel for 66kV Switchrack Position# 10 (S	20	0%	18-Nov-19	13-Dec-19	5	0																								
	01165	Construction Finish	0	0%		17-Jan-20	-20	0																								
	01075	Built and Test Position 11	45	0%	18-Nov-19	17-Jan-20	-20	0																								
	Commissioning		5	0%	20-Jan-20	24-Jan-20	-20	0																								
	01080	Test & In-Service	5	0%	20-Jan-20	24-Jan-20	-20	0																								
	Interconnection Facilities at Barre Substation (SAP# 902360075)		388	78.09%	25-Jan-18 A	24-Jan-20	-20	0																								
	Engineering		323	93.81%	25-Jan-18 A	25-Oct-19	-20	0																								
	Preliminary Engineering		21	100%	25-Jan-18 A	30-Jan-18 A		0																								
	01090	Preliminary Engineering	21	100%	25-Jan-18 A	30-Jan-18 A		0																								
	Final Engineering / Design		302	93.38%	04-Sep-18 A	25-Oct-19	-20	0																								
	01105	Structural Engineering / Design	70	100%	04-Sep-18 A	05-Feb-19 A		0																								
Remaining Level of Effort			Actual Work			Critical Remaining Work			Page 13 of 15												TASK filter: Not Level Of Effort.											
Actual Level of Effort			Remaining Work			Milestone															© Oracle Corporation											

SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)			WBS Summary						10-Oct-19 10:14																									
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020														2021												
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
01095	Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19 A		0																											
01125	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0																											
01120	Quality Assurance & QA Corrections	51	100%	06-Feb-19 A	10-Apr-19 A		0																											
01130	Relay Settings (OD43)	30	33.33%	16-Sep-19 A	25-Oct-19	-20	0																											
Procurement / Materials		30	100%	15-Apr-19 A	15-Jul-19 A		0																											
01135	Procurement / Materials Delivery	30	100%	15-Apr-19 A	15-Jul-19 A		0																											
Construction		60	0%	28-Oct-19	17-Jan-20	-20	0																											
01140	Construction Start	0	0%	28-Oct-19		-20	0																											
01150	Construction Finish	0	0%		17-Jan-20	-20	0																											
01145	Construction Duration	60	0%	28-Oct-19	17-Jan-20	-20	0																											
Commissioning		5	0%	20-Jan-20	24-Jan-20	-20	0																											
01155	Test & In-Service	5	0%	20-Jan-20	24-Jan-20	-20	0																											
Sub Transmission / Gen-Tie		350	80%	02-Jul-18 A	03-Jan-20	-10	0																											
01175	Preliminary Engineering	80	100%	02-Jul-18 A	02-Jan-19 A		0																											
01180	Final Engineering	72	100%	03-Jan-19 A	12-Apr-19 A		0																											
01185	Procurement & Material Delivery	81	100%	10-May-19 A	30-Aug-19 A		0																											
01200	Civil Bidding	35	57.14%	16-Aug-19 A	18-Oct-19	-10	0																											
01265	Civil Work	15	0%	21-Oct-19	08-Nov-19	-10	0																											
01285	Turnover Of Skip To SCE	0	0%		28-Nov-19*	-9	0																											
01190	Cable Installation Work	15	0%	29-Nov-19	19-Dec-19	-9	0																											
01290	Perform Terminations At Skip	5	0%	20-Dec-19	26-Dec-19	-9	0																											
01195	Testing/Commissioning	5	0%	30-Dec-19	03-Jan-20	-10	0																											
Trans Telecom		233	32.83%	20-Feb-19 A	10-Jan-20	-10	0																											
Barre Substation		233	32.83%	20-Feb-19 A	10-Jan-20	-10	0																											
01235	Designs / Engineering	72	100%	20-Feb-19 A	30-May-19 A		0																											
01240	Procurement & Materials Delivery	48	100%	18-Jun-19 A	22-Aug-19 A		0																											
01245	Trans Telecom Work at Barre Substation	20	0%	18-Nov-19	13-Dec-19	-10	0																											
01250	Installation Testing	10	0%	30-Dec-19	10-Jan-20	-10	0																											
Skip Substation		233	36.27%	20-Feb-19 A	10-Jan-20	-10	0																											
9120	Designs / Engineering	72	100%	20-Feb-19 A	30-May-19 A		0																											
9125	Procurement & Materials Delivery	48	100%	18-Jun-19 A	22-Aug-19 A		0																											
9130	Trans Telecom Work at Skip Substation	20	0%	28-Nov-19*	25-Dec-19	-8	0																											
9135	Installation Testing	10	0%	30-Dec-19	10-Jan-20	-10	0																											
IT/Telecom		293	74.4%	19-Nov-18 A	10-Jan-20	-10	0																											
Barre Substation		293	74.4%	19-Nov-18 A	10-Jan-20	-10	0																											
9020	Preliminary Engineering	60	100%	19-Nov-18 A	15-Feb-19 A		0																											
9025	Final Engineering	65	100%	18-Feb-19 A	21-May-19 A		0																											
9030	Procurement & Material Delivery	90	36.67%	22-May-19 A	15-Oct-19	33	0																											
9035	IT/Telecom Installation at Barre Substation	10	0%	16-Dec-19	27-Dec-19	-10	0																											
9060	Installation Testing	10	0%	30-Dec-19	10-Jan-20	-10	0																											
Skip Substation		293	39.08%	19-Nov-18 A	10-Jan-20	-10	0																											

SERC Baseline Project Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)

WBS Summary

10-Oct-19 10:14

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.													2020												2021																
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec													
9070	Preliminary Engineering	60	100%	19-Nov-18 A	15-Feb-19 A		0																																									
9075	Final Engineering	65	100%	18-Feb-19 A	21-May-19 A		0																																									
9080	Procurement & Material Delivery	90	100%	22-May-19 A	24-Sep-19 A		0																																									
9085	IT/Telecom Installation at Skip Substation	10	0%	28-Nov-19*	11-Dec-19	-13	0																																									
9090	Installation Testing	10	0%	30-Dec-19	10-Jan-20	-10	0																																									
PSC		236	66.95%	20-Feb-19 A	15-Jan-20	-13	0																																									
Barre Substation		236	95.76%	20-Feb-19 A	15-Jan-20	-13	0																																									
9040	Preliminary Engineering	60	100%	20-Feb-19 A	14-May-19 A		0																																									
9045	Final Engineering	65	100%	15-May-19 A	13-Aug-19 A		0																																									
9065	Test & In-Service	10	0%	02-Jan-20	15-Jan-20	-13	0																																									
Skip Substation		236	66.95%	20-Feb-19 A	15-Jan-20	-13	0																																									
9095	Preliminary Engineering	60	100%	20-Feb-19 A	14-May-19 A		0																																									
9100	Final Engineering	65	100%	15-May-19 A	13-Aug-19 A		0																																									
9105	Procurement & Material Delivery	50	40%	14-Aug-19 A	08-Nov-19	0	0																																									
9110	PSC Installation at Skip Substation	25	0%	28-Nov-19	01-Jan-20	-13	0																																									
9115	Test & In-Service	10	0%	02-Jan-20	15-Jan-20	-13	0																																									
Project Closeout		66	0%	20-May-20	20-Aug-20	0	0																																									
9015	Issue Authorization To Close (ATC)	0	0%		20-May-20*	0	0																																									
9010	Work Order Close-Out Complete (FAOC)	0	0%		20-Aug-20*	0	0																																									
BESS Construction Schedule		92	0%	01-Nov-19	17-Apr-20	296	0																																									
BESS-2000	Construction (Foundations)	4	0%	01-Nov-19*	03-Dec-19	242	0																																									
BESS-2010	Construction (Superstructure)	4	0%	04-Dec-19	20-Dec-19	242	0																																									
BESS-2030	BESS Equipment Delivered To Site	0	0%		06-Jan-20*	258	0																																									
BESS-2020	Equipment Installation	4	0%	20-Dec-19	03-Feb-20	242	0																																									
BESS-2040	BESS Testing & Commissioning	4	0%	03-Feb-20	25-Feb-20	242	0																																									
BESS-2060	ESS Substantial Completion Target	0	0%	25-Mar-20		242	0																																									
BESS-2070	SCS Software Delivered	0	0%	25-Mar-20		242	0																																									
BESS-2050	EGT Testing & Commissioning	4	0%	25-Feb-20	25-Mar-20	242	0																																									
BESS-2080	EGT Comissioning and Trial Test Runs	4	0%	25-Mar-20	01-Apr-20	242	0																																									
BESS-2090	EGT Substantial Completion Target (COD)	0	0%	01-Apr-20		242	0																																									
BESS-2100	O&M Staff Training By GE	4	0%	01-Apr-20	09-Apr-20	296	0																																									
BESS-2110	As Builts	4	0%	01-Apr-20	16-Apr-20	296	0																																									
BESS-2120	Final Completion Target	0	0%	17-Apr-20		296	0																																									

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

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TASK filter: Not Level Of Effort.

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Attachment 2 – COM-5 Compliance Matrix

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre-Construction							
2	All Phases													Construction							
3	Revised 4/30/2019													Commissioning							
4	Based on Final Staff Assessment													Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submital	Submital	Date Submital is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR
6	AQ	AQ-C2.a	COM/OPS	Shutdown Limitations - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	The project owner shall maintain records in a manner approved by the District to demonstrate compliance with this condition and the records shall be made available to District personnel upon request.	The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD.	N/A	N/A		Not Started											
23	AQ	AQ-C3	COM/OPS	Pressure Relief Valve Requirements - The project owner shall install and maintain a pressure relief valve set at 2.3 psig.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
24	AQ	AQ-D1	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up.	N/A	N/A	N/A												SERC	DSR
25	AQ	AQ-D1a	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	Submit test protocol to CPM for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to CPM.	9/30/2020		Not Started										SERC	DSR
26	AQ	AQ-D1b	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	Submit test protocol to District for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to Air District.	9/30/2020		Not Started							SCAQMD			SERC	DSR
27	AQ	AQ-D1c	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	Submit test protocol to CPM for approval.	Proposed source test protocol.	Notify CPM of proposed date and time 10 days prior to test date.	10/28/2019 2/5/2020		Not Started										SERC	DSR
28	AQ	AQ-D1d	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	Submit test protocol to District for approval.	Proposed source test protocol.	Notify Air District of proposed date and time 10 days prior to test date.	10/28/2019 2/5/2021		Not Started							SCAQMD			SERC	DSR
29	AQ	AQ-D2	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The test(s) shall be conducted at least once every three years. The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	N/A	N/A	#VALUE!		Not Started										SERC	DSR
30	AQ	AQ-D2a	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to Notify CPM	3/19/2020		Not Started										SERC	DSR
31	AQ	AQ-D2b	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to Notify District	2/18/2021		Not Started							SCAQMD			SERC	DSR
32	AQ	AQ-D2c	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Submit results 60 days after the test. Notify CPM	7/2/2020		Not Started										SERC	DSR
33	AQ	AQ-D2d	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Submit results 60 days after the test. Notify District	6/3/2021		Not Started								SCAQMD			

[illegible]

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)														CBO Color Code:							
2	All Phases							6/30/2040							Pre-Construction							
3															Construction							
4															Commissioning							
5															Operations							
6	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR	
7	BIO	BIO-5e	CONS/COM /OPS	WEAP Training Acknowledgement Forms on File - See BIO-5a	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Provide annual WEAP training to permanent employees and WEAP training for new employees	Annually for permanent employees, training within 1 week for new employees	Conditional														
8	BIO	BIO-6a	PC	Biological Resources Mitigation Implementation and Management Plan (BRMIMP) - The project owner shall develop a BRMIMP and submit two copies of the proposed BRMIMP to the CPM (for review and approval) and to CDFW and USFWS (for review and comment), if applicable, and shall implement the measures identified in the approved BRMIMP. The BRMIMP shall be prepared in consultation with the Designated Biologist and shall identify items (1) through (14) (See Decision for the listed items).	Provide the draft BRMIMP to the CPM at least 45 days prior to start of any pre-construction mobilization.	Draft BRMIMP	At least 45 days prior to the start of pre-construction mobilization	12/21/2018	10/15/2018	Completed	12/13/2018									JACOBS	GAL	
9	BIO	BIO-6b	PC/CONS/OPS	Additional Permits (BRMIMP) - See BIO-6a. If additional permits are received after the BRMIMP is first submitted, provide these to the CPM and submit a revised BRMIMP.	Submit permits not received before the draft BRMIMP is submitted to the CPM. Revised and re-submit the BRMIMP to include discussion of such permits.	Revised BRMIMP	Submit copies to CPM with 5 days of receipt. Provide revised BRMIMP within 10 days of permit receipt	Conditional												JACOBS	GAL	
10	BIO	BIO-6c	PC/CONS	Modifying the BRMIMP - The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval.	Notify the CPM in 5 working days. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with appropriate agencies to ensure no conflicts exist.	Modifications to approved BRMIMP	Notify CPM no less than 5 working days before implementing the modifications	Conditional		Not Started										SERC	GAL	
11	BIO	BIO-6d	CONS	BRMIMP Monthly Compliance Report - See BIO-6a. Implementation of BRMIMP measures shall be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).	Document compliance in MCR	MCR	Monthly	Monthly		In Progress										SERC	GAL	
12	BIO	BIO-6e	CONS	BRMIMP Construction Closure Report - See BIO-6a. Provide a written Construction Closure Report identifying which items of the BRMIMP have been completed, a summary of all modifications to the mitigation measure made during the project's site mobilization, and ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Submit Construction Closure Report to CPM	Construction Closure Report	Within 30 days of construction completion	5/8/2020		Not Started										JACOBS	GAL	
13	BIO	BIO-7a	CONS	General Impact Avoidance and Mitigation Measures - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See Decision for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Monthly Compliance Report	Monthly	Monthly		In Progress										SERC	GAL	
14	BIO	BIO-7b	CONS	General Impact Avoidance and Mitigation Measures - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See Decision for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Construction Closure Report (See BIO-6c)	Within 30 days of the completion of construction (CCRL implementation of measures ongoing during construction.	5/8/2020		Not Started										JACOBS	GAL	
15	BIO	BIO-8a1	PC/CONS	Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31. The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See Decision for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. One survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.	Notify CPM, CDFW, and USFWS 2 weeks before survey.	2/1/2019 or 2/4/2019 5/8/2019 5/22/2019 7/3/2019 7/9/2019 8/7/2019 8/21/2019	1/22/2019 2/4/2019 7/3/2019 7/9/2019 8/7/2019 8/21/2019	In Progress	7/3/2019 7/11/2019 8/23/2019						CDFW, USFWS	1/22/2019		JACOBS	GAL	
16	BIO	BIO-8a2	CONS	Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31. The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See Decision for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. Once survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/1/2019 2/4/2019 2/11/2019 5/7/19	1/22/2019 2/1/2019	Completed								CDFW, USFWS			JACOBS	GAL
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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																																									
All Phases																					Pre-Construction		Construction		Commissioning		Operations														
		Revised 4/30/2019																																							
		Based on Final Staff Assessment																																							
Technical Resource		Cond. #		Phase		Description		Verification/Action/Submittal		Submittal		Date Submittal is Required		Due Date		Date Submitted to CPM		Compliance Status for CPM (Not started, in progress, completed (with date))		Date Approved by CPM		Condition Amended? Yes or No		Condition Amendment Date		Amended Language		Date Submitted to CBO		Date Approved by CBO		Other Agencies to submit to? CDFW, USFWS		Date Submitted to Other agencies Gas Line: 5/7/19		Date Approved by Other Agencies		Responsible JACOBS		SERC Project Manager GAL	
10	BIO	BIO-8b	CONS	Preconstruction Nest Survey Letter Report - (See Decision BIO-8a for specific guideline items)		Letter-report to CPM, CDFW, and USFWS describing the findings of the preconstruction nest surveys		Letter report of preconstruction survey findings		Prior to the start of pre-construction mobilization		1/22/2019, 2/2/2019, 2/5/2019 (optional) 2/12/2019 For Gas Line: 8/19/2019		1/28/2019 2/8/2019 2/27/2019 8/16/19				In Progress																							
11	BIO	BIO-8c	CONS	Implementation of Nest Surveys and Inclusion in BRMIMP - (See Decision BIO-8a for specific guideline items)		All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.		Revised BRMIMP (BIO-6)		After pre-construction nesting surveys		Ongoing For Gas Line 9/5/19		N/A				Not Started		N/A																		JACOBS		GAL	
12	BIO	BIO-8d	CONS	Monthly Reporting for Preconstruction Nest Surveys - (See Decision BIO-8 for 8 specific guideline items)		Implementation of the measures shall be reported in the MCRs by the Designated Biologist		MCR		Monthly		Monthly						In Progress																				JACOBS		GAL	
13	BIO	BIO-9a	CONS	Jack and Bore Drilling Best Management Practices - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)		Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.		Notification of a frac-out to CPM and CDFW		No later than the following morning of the incident or Monday morning in case of a weekend		Conditional						Not Started																				SERC		GAL	
14	BIO	BIO-9b	CONS	Jack and Bore Drilling Best Management Practices - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)		Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.		Notification of any non-compliance or a halt of any jack and bore drilling operations to CPM and CDFW and actions being taken to resolve the problem		No later than the following morning of the incident or Monday morning in case of a weekend		Conditional						Not Started																				SERC		GAL	
15	CIVIL	CIVIL-1a	PC/CONS	Drainage Structure Design and Grading Plan - Submit to the CBO for review and approval the design of the proposed drainage structures and the grading plan; an erosion and sedimentation control plan; a construction storm water pollution prevention plan; related calculations and specifications, signed and stamped by the responsible civil engineer; and soils, geotechnical, or foundation investigations reports required by the 2016 CBC.		At least 15 days (or project owner and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.		Proposed drainage structures and grading plan		At least 15 days prior to the start of site grading																												SERC		TAT	
16	CIVIL	CIVIL-1b	PC	Erosion and Sedimentation Control Plan - See CIVIL-1a		At least 15 days (or project owner and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.		Erosion and Sedimentation Control Plan		At least 15 days prior to the start of site grading		12/18/2018						Completed																				SERC		TAT	
17	CIVIL	CIVIL-1c	PC	Construction Stormwater Pollution Prevention Plan - See CIVIL-1a		At least 15 days (or project owner and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.		Construction Stormwater Pollution Prevention Plan		At least 15 days prior to the start of site grading		12/18/2018						Completed																				SERC		TAT	
18	CIVIL	CIVIL-1d	PC	Related Calculations and Specs Stamped by Civil Engineer - See CIVIL-1a		At least 15 days (or project owner and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.		Related Calculations and Specs Signed and Stamped by Responsible Civil Engineer		At least 15 days prior to the start of site grading, and notify CPM in MCR following the CBO's approval		12/18/2018						Completed																				SERC		TAT	
19	CIVIL	CIVIL-1e	PC	Soils, Geotechnical, or Foundation Reports - See CIVIL-1a		At least 15 days (or project owner and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.		Soil, Geotechnical, or Foundation Investigation Reports required by the 2016 CBC		At least 15 days prior to the start of site grading		12/18/2018						Completed																				SERC		TAT	
20	CIVIL	CIVIL-1f	PC	Approval of all CIVIL-1a Submittals Noted in MCR - See CIVIL-1a		Statement in the MCR certifying that the documents (CIVIL-1a) have been approved by the CBO.		MCR		Next MCR after approval by CBO		3/13/2019						Completed																				SERC		GAL	
21	CIVIL	CIVIL-2a	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.		The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions.		Submit modified plans, specifications, and calculations to CBO		when unforeseen adverse soil or geologic conditions are identified by RE		Conditional																										SERC		GAL	
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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																				
All Phases							6/30/2040					CBO Color Code:	Pre-Construction							
													Construction							
													Commissioning							
				Revised 4/30/2019	Based on Final Staff Assessment								Operations							
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal Is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager TAT
	GEN	GEN-4c	PC/CONS	Approval of Newly Assigned RE - See GEN-4a	Submit new resume and registration number CBO for review and approval	Notification to CBO	Within 5 days of receiving the new resume and registration number		Completed					2/6/2019	2/12/2019					
211	GEN	GEN-4d	PC/CONS	Notification of Newly Assigned RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	2/6/2019	In Progress					2/6/2019	2/12/2019				SERC	GAL
212	GEN	GEN-5a	PC	Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner and CBO approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	At least 30 days prior to the start of rough grading	12/3/2018	Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
213	GEN	GEN-5b	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	Completed				Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
214	GEN	GEN-5c	PC	Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner and CBO approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for responsible design engineer, mechanical engineer, and electrical engineer	At least 30 days prior to the start of construction	1/5/2019	Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
215	GEN	GEN-5d	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the responsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.	Notification to CPM	Within 5 days of the approval	1/18/2019	Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
216	GEN	GEN-5e	CONS	Reassignment of Designated Engineer - See GEN-5a	Notify the CPM and CBO if a designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re-assignment	Conditional	Not Started										SERC	GAL/TAT
217	GEN	GEN-5f	CONS	Approval of Replacement Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	4/11/2019	Completed	4/11/2019									SERC	GAL
218	GEN	GEN-6a	CONS	Special Inspector Assignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2016 CBC. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Submit names and qualifications of certified special inspectors to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing						PC1: 1/16/19 PC2: 1/28/19 6-1.1.6 8/15/19 6-2.1.6 8/16/19 6-3 10/14/19	PC1: 1/17/19 PC2: 1/29/19 6-3 10/16/19 6-1.1.0 8/16/19				ARB	TLB
219	GEN	GEN-6aa	CONS	Special Inspector Assignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2016 CBC. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Copy to the CPM the names and qualifications of certified special inspectors submitted to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing												TLB
220	GEN	GEN-6b	CONS	Approval of Inspectors - See GEN-6a	Submit a copy of the CBO's approval of inspectors	Submit copies of CBO approvals in the MCR	Monthly	Monthly	In Progress					PC1: 1/16/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB
221	GEN	GEN-6c	CONS	Reassignment of Inspectors - See GEN-6a	Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	Names and qualifications of certified special inspectors to the CBO for approval	Within 5 days of re-assignment	Conditional	Not Started											TLB
222	GEN	GEN-6d	CONS	Approval of Replacement Inspectors - See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional	Not Started										ARB	TLB
223	GEN	GEN-7a	CONS/COM	Design Discrepancy Correction - If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the monthly compliance report.	Copy of CBO's approval in the MCR	Monthly	Monthly	Not Started										SERC	GAL
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre-Construction							
2	All Phases										6/30/2040			Construction							
3	Revised 4/30/2019													Commissioning							
4	Based on Final Staff Assessment													Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
6	STRUC	STRUC-2d	CONS	Corrective Action Documentation - See STRUC-2a	If disapproved, the project owner shall advise the CPM, within 5 days, of the reason for disapproval, and the revised corrective action to obtain CBO's approval.	Advise CPM of CBO's disapproval and revised corrective action	Within 5 days after receiving CBO disapproval	Conditional		Not Started											
7	STRUC	STRUC-3a	PC/CONS	Final Design Changes - The project owner shall submit to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO	Schedule suitable to the CBO	6/30/2019		Not Started										SERC	GAL
8	STRUC	STRUC-3aa	PC/CONS	Final Design Changes - The project owner shall submit to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	6/30/2019		Not Started										SERC	GAL
9	STRUC	STRUC-3b	PC/CONS	Plan Approval Notification in MCR - See STRUC-3a	The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Notification of CBO Plan approval in MCR	Monthly	Monthly		In Progress										SERC	GAL
10	STRUC	STRUC-4a	CONS	Tank and HazMat Vessel Design - Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	The project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, specifications, and calculations	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	10/20/2019												SERC	TAT
11	STRUC	STRUC-4b	CONS	CBO Approvals in MCR - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Copies of CBO approvals in MCR	Monthly	Monthly		In Progress										SERC	GAL
12	TLSN	TLSN-1	CONS	66 kV Line Requirements - The project owner shall construct the proposed 66-kV transmission line according to the requirements of California Public Utility Commission's GO-95, GO-128, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2874 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming that the line will be constructed according to the requirements stated in the condition.	Letter affirming construction in accordance with requirements	At least 30 days prior to start of construction of the transmission line or related structures and facilities	6/1/2019	3/15/2019	Completed	4/4/2019				3/15/2019 (Ref Only)	3/18/2019				SCE	GAL
13	TLSN	TLSN-2	CONS	Metallic Objects Grounded - The project owner shall ensure that all permanent metallic objects within the proposed route are grounded according to industry standards.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming compliance with this condition.	Letter affirming compliance	At least 30 days before the line is energized	12/27/2019		Not Started					(Ref Only)					SCE	GAF
14	TRANS	TRANS-1a	CONS	Roadway Use Permits and Regulations - The project owner shall comply with limitations imposed by the Department of Transportation (Caltrans) and other relevant jurisdictions, including the cities of Stanton, Anaheim, Buena Park, Garden Grove, and Westminster, and the county of Orange, on vehicle sizes and weights, driver licensing, and truck routes.	The project owner shall identify the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly		In Progress					(Ref Only)					ARB	GAL
15	TRANS	TRANS-1b	CONS	Copies of Permits - See TRANS-1a	The project owner shall retain copies of permits and supporting documentation on-site for compliance project manager (CPM) inspection if requested.	Copies of permits and documentation	During construction	Monthly		In Progress					(Ref Only)					SERC	TLB
16	TRANS	TRANS-2a	PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See Decision TRANS-2 for specifics).	The project owner shall submit the TCP to the city of Stanton for review	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	12/6/2018	10/18/2018	Completed	12/16/2018	Yes	3/5/2019	Increased allowable truck traffic to 120 trucks per day	1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019 7/1/2019	3/4/2019 7/1/2019	JACOBS	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																				
2	All Phases							6/30/2040					CBO Color Code:								
3															Pre-Construction						
4															Construction						
5															Commissioning						
6															Operations						
7	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal Is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
8	TRANS	TRANS-2b	PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See Decision TRANS-2 for specifics).	The project owner shall submit the Traffic Control Plan and transmittal letter to City of Stanton	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	11/29/2018	11/29/2018 3/1/2019 7/1/2019	Completed	12/21/2018 3/5/2019 7/18/2019	Yes No No No	3/5/2019	3/5 Increased allowable truck traffic to 120 trucks per 7/18 inclusion of Main Street between Beach and Fern	1/22/2019 (Ref Only)	1/23/2019				JACOBS	GAL
329	TRANS	TRANS-2c	PC	Letters of Comment on TCP - See TRANS-2a	The project owner shall provide copies of any comment letters received from the city of Stanton or any other interested agencies, along with any changes to the TCP, for CPM review and approval.	Copies of comment letters	At least 30 calendar days prior to the start of construction	1/5/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019				Jacobs	GAL
330	TRANS	TRANS-2d	PC	Final TCP to City - See TRANS-2a	The project owner shall provide completed copies of the final TCP to the city of Stanton and any other interested agencies, sending copies of the correspondence to the CPM.	Copies of final TCP to City and interested parties	After CPM review and approval	3/1/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019	3/4/2019	JACOBS	GAL
331	TRANS	TRANS-3a	PC	Restoration of Public Roads, Easements, and Rights-of-Way - The project owner shall restore all public roads, easements, rights-of-way, and any other transportation infrastructure damaged due to project-related construction and traffic. Restoration shall be completed in a timely manner to the infrastructure's original condition. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of site mobilization, the project owner shall notify the relevant agencies, including the city of Stanton, county of Orange, Caltrans District 12, and any jurisdictions affected by construction of the linear facilities, of the proposed schedule for project construction. The purpose of this notification is to request that these agencies consider postponement of any planned public right-of-way repairs or improvement activities in areas affected by project construction until construction is completed, and to coordinate any concurrent activities that cannot be postponed.	Prior to the start of site mobilization, the project owner shall videotape road conditions along the major routes construction vehicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other recorded visual media to the CPM.	Videotape of pre-project road conditions	Prior to the start of site mobilization	1/31/2019	1/30/2019	Completed	1/31/2019				1/31/2019 (Ref Only)	1/31/2019				SERC	GAL
332	TRANS	TRANS-3b	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Notify CPM and affected agencies to identify sections to be repaired. Establish schedule for completion of repairs with CPM	After road damage has been identified	Conditional		Not started					(Ref Only)					SERC	GAL
333	TRANS	TRANS-3c	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Letters signed by the agency accepting the repairs	Following completion of repairs	Conditional		Not started					(Ref Only)					SERC	GAL
334																					

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																					
1	All Phases						6/30/2040						CBO Color Code:	Pre-Construction	Construction	Commissioning	Operations				
2																					
3																					
4					Revised 4/30/2019		Based on Final Staff Assessment														
5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed [with date])	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Name DSR
369	VIS	VIS-2c	COM/DOPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall report landscaping maintenance activities, including replacement or dead or dying vegetation, for the previous year of operation in each ACR. The CPM shall have authority to require replacement planting of dead or dying vegetation through the life of the project	Status Report	Annual Compliance Report	12/31/2020		Not Started											
370	VIS	VIS-3a	CONS	Site Lighting, Project Construction and Commissioning -Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting impacts. (See Decision VIS-3 for specifications).	The project owner shall notify the CPM that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019									ARB	GAL
371	VIS	VIS-3b	CONS	Lighting Modifications Corrections - See VIS-3a	If the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.	Lighting modifications/corrections, notification to CPM	Within 14 calendar days of receiving notification	Conditional		Not Started										ARB	GAL
372	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Not Started										SERC	GAL
373	VIS	VIS-3d	CONS	Summary of Complaints in MCR - See VIS-3a	The project owner shall report any lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	Summary of complaints and resolution in MCR, including report and forms	Monthly	Monthly		In Progress										SERC	GAL
374	VIS	VIS-4a	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Lighting Management Plan and transmittal letters to Planning Director of City of Stanton for review and comment	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	Completed					(Ref Only) Submit 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL	
375	VIS	VIS-4b	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Provide CPM with transmittal letter submitted to city and the Lighting Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018				(Ref Only) Submit 6/4/2019					SERC	GAL
376	VIS	VIS-4c	CONS/COM /OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and comment and the CPM from review and approval.No work to implement the plan (e.g., purchasing of fixtures) shall begin until final plan approval is received from the CPM.	Revised Lighting Plan	No specific time frame	Conditional		Not started					(Ref Only)					POWER	GAL
378																					

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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																				
All Phases																				
			CBO Color Code:																	
			Pre-Construction																	
			Construction																	
			Commissioning																	
			Operations																	
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party ABB	SERC Project Manager GAL
402	WORKER SAFETY	WORKER SAFETY-1a	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specifications). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall submit to the CPM for review and approval a copy of the Project Construction and Safety and Health Program.	Construction Health & Safety Program w/OCFA Comments CPHP and EAP	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	1/29/2019			1/16/19	2/4/2019					
403	WORKER SAFETY	WORKER SAFETY-1b	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specifications). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall provide to the Orange County Fire Authority stating the fire department's comments on the Construction Fire Prevention Plan and the Emergency Action Plan.	Construction Health & Safety Program w/OCFA Comments CPHP and EAP	At least 30 days prior to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019	Completed	N/A			1/16/19	2/4/2019	OCFA	12/3/2018	No response	ARB	GAL
403	WORKER SAFETY	WORKER SAFETY-2a	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	1/11/2020		Not Started				1/16/19	2/4/2019				SERC	DSR
404	WORKER SAFETY	WORKER SAFETY-2b	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall provide a copy to the CPM of a letter from the Orange County Fire Authority stating the fire department's timely comments on the Operations Fire Prevention Plan, Fire Protection System Impairment Program, and Emergency Action Plan.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	1/11/2020		Not Started				1/16/19	2/4/2019				SERC	DSR
405	WORKER SAFETY	WORKER SAFETY-3a	PC	Construction Safety Supervisor - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See Decision WORKER SAFETY-3 for specifications). The CSS shall perform the duties listed in this condition.	The project owner shall submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS).	CSS Name/Contact	At least 30 days prior to the start of site mobilization	12/3/2018	11/20/2018	Completed	11/21/2018			1/16/2019	1/17/2019				ARB	GAL
406	WORKER SAFETY	WORKER SAFETY-3b	PC/CONS	Replacement CSS - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business day	Replacement CSS Name/Contact	Within one business day	Conditional		Not started				conditional					ARB	GAL
407	WORKER SAFETY	WORKER SAFETY-3c	CONS	H&S Information Reported in MCR - See WORKERSAFETY-3a	The CSS shall submit health and safety information in the Monthly Compliance Report (See Decision WORKERSAFETY-3 for specifications)	Health and safety information for MCR	Monthly	Monthly		In Progress				Monthly					ARB	GAL
408	WORKER SAFETY	WORKER SAFETY-4	PC	Agreement to Fund Safety Monitor - The project owner shall make payment to the Designated Building Official (DBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the DBO. Those services shall be in addition to other work performed by the DBO. The Safety Monitor shall be selected from an independent company not affiliated with the DBO and report directly to the DBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification WORKER SAFETY-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	The project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement to Fund Safety Monitor	At least 60 days prior to the start of construction	11/3/2018	11/1/2018	Completed	1/18/2019			1/25/2019	1/25/2019				SERC	GAL
409	WORKER SAFETY	WORKER SAFETY-5a	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as	Submit to the CPM proof that a portable AED is available on site.	Proof of AED	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018			1/22/2019 (Ref Only)	1/23/2019				ARB	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																				
17	All Phases							6/30/2040					CBO Color Code:	Pre-Construction							
18														Construction							
19														Commissioning							
20														Operations							
21	Revised 4/30/2019					Based on Final Staff Assessment															
22	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed [with date])	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
23	WORKER SAFETY	WORKER SAFETY-BE.1	CONS	Letter to OCAFA - See WORKERSAFETY-Ba	The project owner shall provide a copy of a letter sent from the project owner to the OCAFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site to the CBO for reference only.	Copy of letter to OCAFA offering to develop procedures, to CBO for reference only.	At least 60 days prior to commissioning of BESS	1/30/2020							(Ref only)						
427	WORKER SAFETY	WORKER SAFETY-BF	CONS	Final UL Certification of ESS - See WORKERSAFETY-Ba	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CPM	Final UL Certification of ESS to CPM.	Prior to the start of BESS commissioning	4/14/2020												SERC	GAL
428	WORKER SAFETY	WORKER SAFETY-BF.1	CONS	Final UL Certification of ESS - See WORKERSAFETY-Ba	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CBO.	Final UL Certification of ESS to CBO for reference only.	Prior to the start of BESS commissioning	4/14/2020		Not Started					(Ref only)					SERC	GAL
429																					

Attachment 3 – Air Quality

2600 Michelson Drive, Suite 500
Irvine, CA 92612
United States
www.jacobs.com

Subject **Stanton Energy Reliability Center (16-AFC-1C)**
 Air Quality Monthly Compliance Report
 October 2019

Project Name Stanton Energy Reliability Center (SERC) (16-AFC-1C)

Attention Tim Bofman, SERC, LLC

From Hong Zhuang, Jacobs
 SERC CEC Designated Air Quality Construction Mitigation Manager

Date November 6, 2019

Copies to Mike Malsy, Wellhead
 John Kimble, Wellhead
 Sharon Stureman, SERC, LLC
 Doug Davy, Jacobs
 Karen Parker, Jacobs

This Monthly Compliance Report (MCR) summarizes the activities conducted at the Stanton Energy Reliability Center (SERC site) and the Southern California Edison's SERC 66KV Interconnection Project site (SCE site) in October 2019 to demonstrate compliance with California Energy Commission Conditions of Certification (COCs) for air quality AQ-SC3, AQ-SC4, and AQ-SC5. The required documentation for these COCs is provided in the sections below.

AQ-SC3 Construction Fugitive Dust Control

AQ-SC3 requires control measures to mitigate fugitive dust created by project construction activities. AQ-SC3 also requires that the MCR include the following:

- A summary of all actions taken to maintain compliance with this condition (including sweeping log entries)
- Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD or District)
- Any other documentation deemed necessary by the Compliance Project Manager (CPM), District, or Air Quality Construction Mitigation Manager (AQCM) to verify compliance with this condition. Such information may be provided in electronic format or on disk media at the project owner's discretion

In October 2019, project construction activities occur at both SERC site and at the SCE site. Fugitive dust was controlled primarily by maintaining vehicle speeds of 10 miles per hour or less on unpaved areas and applying water during soil disturbing activities. Signs have been posted

entrances to the construction site, limiting vehicle speeds to 10 miles per hour. To verify compliance with AQ-SC3, a fugitive dust control checklist was completed each day at each site. The daily field checklists for fugitive dust control and the sweeping logs are provided in Attachment A1 and A2 for the SERC site and SCE site, respectively, and are summarized in Table 1 below.

Table 1. Fugitive Dust Control Measures

AQ-SC3

Implementation Measure	Out of Compliance-Trigger	In Compliance-Trigger ^a	Results During Compliance Period
All main access roads onsite are paved or stabilized	No – Dust plumes originating from access roads	Yes – No dust plumes originating from access roads	Yes – In compliance
All unpaved roads of the construction site are watered as frequently as necessary to prevent dust plume	No – Dust plumes originating from unpaved roads	Yes – No dust plumes originating from unpaved roads	Yes – In compliance
All disturbed areas of the construction site are watered as frequently as necessary to prevent dust plume	No – Dust plumes originating from disturbed areas	Yes – No dust plumes originating from disturbed areas	Yes – In compliance
Maximum speed limit of 10 miles per hour on unpaved surfaces	No – Vehicles exceeding 10 miles per hour on unpaved areas	Yes – vehicles travel 10 miles per hour or less on unpaved areas	Yes – In compliance
Visible speed limit signs posted at construction site entrances	No – No signs posted	Yes – Signs posted	Yes – In compliance. Ten miles per hour speed limit is posted.
Wheel inspection or wash stations in place	No – Track-out into roadways not managed	Yes – No track-out observed or track-outs were cleaned up immediately.	Yes – In compliance. Additional measures were implemented to clean up track-out. Tire cleaning to be conducted if needed.
At least 20-foot-long gravel ramps at wheel inspection / wash stations	No – 20-foot-long gravel ramps not present	Yes – 20-foot-long gravel ramps present	Not applicable (NA) – Shaker plates installed. Gravel ramps are installed as needed.
All unpaved exits are graveled or treated	No – Dirt entering roadways	Yes – No dirt entering roadways	Yes – In compliance. Shaker plates were installed at the unpaved exit. Gravel ramp is added.
Entrance limited to treated roadways	No – Entrance not limited	Yes – Entrance limited	Yes – In compliance
Storm Water Pollution Prevention Plan (SWPPP) control measures implemented	No – Contaminated storm water runoff found in roadways	Yes – No contaminated storm water runoff found in roadways	Yes – In compliance. Best Management Practices (BMPs) are installed.
Paved roads within the site swept as needed	No – Dirt / debris accumulated	Yes – Site clean	Yes – In compliance
At least 500 feet of any paved roadway exiting site swept as needed	No – visible dirt within 500 feet of roadway entrance	Yes – No dirt observed	Yes – In compliance
Soil storage piles and disturbed areas inactive for more than 10 days are covered or treated	No – Dust plumes originating from storage piles and disturbed areas	Yes – No dust plumes from storage piles and disturbed areas	Yes – In compliance
Bulk material transport offsite is covered or treated and loaded with at least two feet of freeboard	No – Visible emissions from bulk material transport	Yes – No visible emissions from bulk material transport	Yes – In compliance
Wind erosion control techniques used for disturbed, unstabilized construction areas	No – Visible dust from disturbed, unstabilized construction Areas	Yes – No visible dust from disturbed, unstabilized construction areas	Yes – In compliance. Wind breaks installed as needed

^aSite is noted as in compliance if the activity did not occur during the compliance period.

AQ-SC4 Dust Plume Response Requirement

AQ-SC4 requires that all construction activities be monitored for visible dust plumes. This condition also requires that additional dust mitigation measures be implemented if visible dust plumes that have the potential to be transported off the project site and within 100 feet upwind of any regularly occupied structure are observed. AQ-SC4 requires that the MCR include the following:

- A summary of all actions taken to maintain compliance with this condition
- Copies of any complaints filed with the District in relation to project construction; and any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk media at the project owner's discretion.

Visible dust plumes with the potential to be transported offsite were not observed in October 2019 at the two construction sites. No air quality-related complaints were received during this reporting period.

AQ-SC5 Diesel-Fueled Engine Control

AQ-SC5 requires that all off-road diesel construction equipment used on the project be powered by the cleanest engines available that also comply with California Air Resources Board's (CARB) Regulation for In-Use Off-Road Diesel Fleets. AQ-SC5 requires that the MCR include the following:

- A summary of all actions taken to control diesel construction related emissions
- A list of all heavy equipment used on site during that month, including the owner of the equipment and a letter from each owner indicating that the equipment has been properly maintained
- Any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk media at the project owner's discretion.

The following off-road diesel equipment was used at the two sites in October 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
SERC Site		
CASE	580 SN - BackHoe	BX3T54
CASE	580 SN - BackHoe	BX3T54
CAT	Rough Terrain Forklift	SF7A56
Deere	210l Skip Loader	WK9J63
Genie	5K Reach Fork	JW5N58
Grove	GRT880 Crane	XG7V58
JCB	507-42	RV7M68
JLG	60' Boom Lift	LR7P73
JLG	6042 T4F 6K Reach Forklift	HN6U33
JLG	660SJ Manlift	WP9E86
JLG	600AJ Articulating Boom Lift	NL7M56
JLG	860SJ 85' Boom lift	SG9H76
Manitowoc	Manitowoc 999	TX5P83

Manufacturer	Equipment Name	EIN
Xtreme	XR1255 Forklift	VC6G63
Xtreme	XR2045 Forklift	VT6H48
SCE Site		
Bobcat	S770	VD5L46
Bobcat	E32	JX8N65
Caterpillar	450F	UU6G94
Caterpillar	450	MU4K93
Lodril/John Deer	135G	LP5P36

Attachments B1 and B2 provides a table summarizing information about the engines, including the CARB Engine Identification Number (EIN), tier, and the dates the equipment was used on the two project sites. Attachments B1 and B2 also contain the AQ-SC5 daily field checklists for off-road diesel engines used at the two sites and letters from the equipment owners indicating the equipment has been properly maintained.

Attachment A1
Documentation of AQ-SC3 Compliance
(SERC Site)

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.02 16:39:36
+0700

Date: October 2, 2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.03 16:41:56
+0700

Date: October 3, 2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.05 06:21:27
+0700

Date: October 4, 2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.05 15:25:26
+0700

Date: October 5, 2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:13:08
+07'00'

Date: 10/7/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:13:37
+07'00'

Date: 10/8/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:14:21
+0700

Date: 10/9/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:14:59
+07'00'

Date: 10/10/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:15:54
+07'00'

Date: 10/11/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:16:50
+07'00'

Date: 10/14/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:17:51
+07'00'

Date: 10/15/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:18:28
+0700

Date: 10/16/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:20:12
+0700

Date: 10/17/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:20:47
+07'00'

Date: 10/18/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:21:27
+0700

Date: 10/21/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:22:37
+0700

Date: 10/22/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:21:54
+0700

Date: 10/23/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:23:12
+07'00'

Date: 10/24/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.25 15:16:51
+0700

Date: October 25, 2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.28 17:40:01
+0700

Date: October 28, 2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.11.05 16:52:55
+08'00'

Date: 10/29/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	N/A	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.11.05 16:53:26
+08'00'

Date: 10/30/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	N/A	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.11.05 16:53:54
+08'00'

Date: 10/31/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	N/A	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Date		
<i>10-1-19</i>	<i>700</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>715</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>730</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>745</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>800</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>815</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>830</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>845</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>900</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>915</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>930</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>945</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>1000</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>1015</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>1030</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>1045</i>				<i>---</i>	<i>[Signature]</i>	
<i>10-1-19</i>	<i>1100</i>				<i>---</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-2-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-2-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-3-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>705</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2015</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-3-19</i>	<i>1115</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1215</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1230</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>1245</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>100</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>115</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>145</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>215</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>230</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-3-19</i>	<i>245</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10.4.19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.4.19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-7-19</i>	<i>700</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>715</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>730</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>745</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>800</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>815</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>830</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>845</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>900</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>915</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>930</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>945</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>1000</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>1015</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>1030</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>1045</i>				<i>—</i>	<i>Kash</i>	
<i>10-7-19</i>	<i>1100</i>				<i>—</i>	<i>Kash</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-7-19</i>	<i>1115</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>1130</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>1215</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>1230</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>1245</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>100</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>115</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>130</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>145</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>200</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>215</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>230</i>				<i>—</i>	<i>Karl H</i>	
<i>10-7-19</i>	<i>245</i>				<i>—</i>	<i>Karl H</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-8-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-8-19</i>	<i>1115</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1215</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1230</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>1245</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>100</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>115</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>145</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>215</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>230</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-8-19</i>	<i>245</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10.9.19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.9.19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-9-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-9-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-11-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-11-19</i>	<i>1115</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1215</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1230</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1245</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>100</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>115</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>1415</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>215</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>230</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-11-19</i>	<i>245</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-14-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-14-19</i>	<i>1115</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1215</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1230</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>1245</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>100</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>115</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>145</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>215</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>230</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-14-19</i>	<i>251</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10.15.19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10.15.19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-16-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-16-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-17-19</i>	<i>700</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>715</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>730</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>745</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>800</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>815</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>830</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>845</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>900</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>915</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>930</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>945</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>1000</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>1015</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>1030</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>1045</i>				<i>—</i>	<i>Kurt H</i>	
<i>10-17-19</i>	<i>1100</i>				<i>—</i>	<i>Kurt H</i>	


Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-18-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-18-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year:		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
10-18-19	1115				—		
10-18-19	1130				—		
10-18-19	1215				—		
10-18-19	1230				—		
10-18-19	1245				—		
10-18-19	100				—		
10-18-19	115				—		
10-18-19	130				—		
10-18-19	145				—		
10-18-19	200				—		
10-18-19	215				—		
10-18-19	230				—		
10-18-19	245				—		

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-21-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-21-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>Oct 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-21-19</i>	<i>1115</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>1130</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>1215</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>1230</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>1245</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>100</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>115</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>130</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>145</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>200</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>215</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>230</i>					<i>[Signature]</i>	
<i>10-21-19</i>	<i>245</i>					<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: <i>OCT 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>10-22-19</i>	<i>800 AM</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-22-19</i>	<i>145 PM</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-23-19</i>	<i>820 AM</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-23-19</i>	<i>1410</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-24-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-24-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-25-19</i>	<i>1245</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-25-19</i>	<i>1810</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-28-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-28-19</i>	<i>1245</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-29-19</i>	<i>1020</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-29-19</i>	<i>130</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-30-19</i>	<i>920</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-30-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-31-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>10-31-19</i>	<i>150</i>				<i>—</i>	<i>[Signature]</i>	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year:		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
10-1-19	1:55 pm			✓	✓	<i>Richard [Signature]</i>	
10-2-19	1:35 pm			✓	✓	<i>Richard [Signature]</i>	
10-3-19	1:25 pm			✓	✓	<i>Richard [Signature]</i>	
10-4-19	1:15 pm			✓	✓	<i>Richard [Signature]</i>	
10-7-19	1:35 pm			✓	✓	<i>Richard [Signature]</i>	
10-8-19	1:40 pm			✓	✓	<i>Richard [Signature]</i>	
10-9-19	1:45 pm			✓	✓	<i>Richard [Signature]</i>	
10-10-19	1:50 pm			✓	✓	<i>Richard [Signature]</i>	
10/15/19	1:20 pm			✓	✓	<i>J. [Signature]</i>	
10/17/19	1:30 pm			✓	✓	<i>J. [Signature]</i>	
10/21/19	2:00 pm			✓	✓	<i>J. [Signature]</i>	
10/24/19	1:45 pm			✓	✓	<i>Terri [Signature]</i>	
10/28/19	1:30			✓	✓	<i>J. [Signature]</i>	
10/30/19	2:15			✓	✓	<i>J. [Signature]</i>	

Attachment A2
Documentation of AQ-SC3 Compliance
(SCE Site)

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-21-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	n	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-22-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	n	Delivery of sign scheduled for 10-23-19
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-23-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-24-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-25-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Exporting soil today. Each load will be watered.
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

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ADDITIONAL NOTES:

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-28-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-29-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Exporting material today
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-30-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Exporting material today
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

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ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-001

AQCMM or Delegate signature: Robert Dixon

Date: 10-31-19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	y	
Are speed limit signs posted at the main entrances?	y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	y	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Exporting material today
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Appendix B1
Documentation of AQ-SC5 Compliance
(SERC Site)

SERC Offroad Diesel Equipment Inventory October 2019

				Equipment						Engine										
Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier	Engine Certification on File	Compliance Tag	Notes
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR125S Forklift	2016	XR1255031693102	ARB	N/A	FPT Industrial S.P.A	FFPXK03.4FSD	854E-E34TA	3.4	2015	JU82679-L025417	122	T4	u-r-015-0283	Green tag issued 02/04/2019	
2/20/2019	3/21/2019	NA	SERC_002	Multiquip	DCA70SSIU4F - Generator	2015	NA	United Rentals	ARB	Isuzu	JCEXL04.5AAJ	BR-4JJ1x	2.9	2015	74402993	95.2	T4	NA	Green tag issued 02/19/2019	EO not available. Tier 4 verified based in engine specs.
2/20/2019	10/2/2019	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJ6N585NLECT05659	D+S BACKHOE SERVICE	N/A	FPT INDUSTRIAL	FFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4	u-r-015-0283	Green tag issued 02/19/2019	
2/20/2019	4/25/2019	UG9N98	SERC_005	CAT	Cat 966M wheel loader	2014	KJP000570	Ortiz	Ortiz	CAT	ECPYL09.3HTF	C9.3	9.3	2014	SYE01292	303	4F	u-r-001-0479	Green tag issued 02/27/2019	
2/20/2019	5/20/2019	YSSA98	SERC_006	CAT	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4MI1	C4.4	NA	2013	C7N11131	156.9	4I	NA	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-
2/25/2019	3/8/2019	YV7D79	SERC_007	Volvo	ECR235J - Excavator	2017	310653	Lalonde	Ortiz	Deutz	GDZXL05.7053	D6J	5.702	2016	11974476	173	4	u-r-013-0523	Green tag issued 02/27/2019	
2/27/2019	5/6/2019	DL9A58	SERC_009	Link-Belt	490X4	2017	LBX490Q7NGHEX1139	Lalonde	Ortiz	Isuzu Motors Limited	GSZXL09.8QXA	6UZ1	NA	2016	527667	362	4	u-r-006-0421	Green tag issued 02/27/2019	
2/26/2019	3/1/2019	SK8574	SERC_010	CAT	450F - Backhoe	2016	HJR00594	Lalonde	Ortiz	Perkins Engine Company	EPKXL04.4MK1	C4.4	4.4	2014	C7N36796	127	4	u-r-022-0191	Green tag issued 02/27/2019	
2/27/2019	5/20/2019	JG9B74	SERC_011	John Deere	210L Skip Loader	2017	1T8210LXPHF894289	Ortiz	Ortiz	John Deere	HJDXL04.5315	404HT096	4.5	2017	PE4045U052929	93	4F	u-r-004-0537	Green tag issued 02/27/2019	
3/6/2019	3/19/2019	SF7A56	SERC_012	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/7/2019	
3/12/2019	3/18/2019	RG5N99	SERC_013	CAT	966K Wheel Loader	2011	TFS00270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	4I	u-r-001-0409	Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	YI4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB5.5	4.5	2014	73617640	130	4I	u-r-002-0586	Green Tag issued on 3/22/2019	will only be on site for a few days while SERC ID: SERC_012 is offsite for repairs
3/21/2019	8/30/2019	KT3V94	SERC_015	Genie	Forklift - Varialbe Reach	2014	BR2596	United Rentals	Newtron	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11731188	74	4	u-r-013-0472-1	Green Tag issued on 3/22/2019	
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/22/2019	Formerly SERC_012 (was removedon 3/19 for repairs and returned on 3/22)
3/28/2019	4/25/2019	LG4L96	SERC_017	Genie	Aerial Lift	2001	50845	United Rentals	Newtron	Deutz AG	DDZXL02.9021	D2.9L4	2.925	2014	11511469	49	T4	u-r-013-0443	Green Tag Issued on 4/1/2019	
4/5/2019	Onsite	JW5N58	SERC_018	Genie	5K Reach Fork	2015	10366180	United Rentals	Newtron	Deutz AG	FDZXI02.9020	TD2.9L4	2.9	2015	h	74	4	u-r-013-0496	Green Tag issued on 4/11/2019	
4/10/2019	4/23/2019	BG8T73	SERC_019	John Deere	JD650JLTDozer	2009	T0650JX172684	Savala Equipment Rentals	Ortiz	John Deere	8JDXL06.8105	4045HT057		2008	PE4045L068083	115	3	u-r-004-0313	Yellow Tag issued on 4/11/2019	
4/26/2019	5/15/2019	BS9V43	SERC_020	John Deere	JD550K XLT Dozer	2015	1T0550KXHEE273832	Savala Equipment Rentals	Ortiz	John Deere	FJDXL04.5211	4045 HT070 A,B,C,D	4.5	2015	R534172-B	85	4	u-r-004-0499	Green Tag issued on 4/30/2019	
5/8/2019	5/22/2019	WW5G33	SERC_021	Bobcat	T 590 Skid Steer	2017	ALJU23845	United Rentals	ARB	Doosan	HDICL02.4LEA	D24NAP	2.392	2017	D24NAP7105046LE	66	4	u-r-019-0145	Green Tag Issued 5/14/2019	
5/14/2019	5/20/2019	DF9E37	SERC_022	Case	721G Wheel Loader	2017	NGF240121	United Rentals	Ortiz	Fiat Power Train	GFPXL06.7SDB	F4HFE613TB	4.5/6.7	2016	1444310	145	4F	u-r-015-0322	Green Tag Issued 5/14/2019	
5/22/2019	9/23/2019	NG3U86	SERC_023	CAT	259D Skid Steer Loader	2018	FTL14586	ARB	ARB	Kubota	HKBXL03.3EKD	C# 3B	3.3	2017	8HQ0121	73.2	4	u-r-025-0733	Green Tag Issued 5/24/2019	
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210I Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A	John Deere Power Systems	FJDXL04.5212	4045HT072	4.52	2016	PE4045L108158	70	4	ARB EO not available. Verified using EPA data.	Green tag issued 06/19/2019	
7/9/2019	8/7/2019	TF6J89	SERC_025	Extreme Manufacturing	XR204S Forklift	2018	XR2045-11-17119380	Ellis	ARB	Deutz AG	HDZXL03.6050	TCD3.6L4	3.621	2017	12076911	134	4	u-r-013-0536	Green tag issued 7/16/2019	
7/22/2019	7/26/2019	TP8N95	SERC_026	Case	580 Super N Back Hoe	2014	JJGN585NKEC705265	Tom's Back Hoe	ARB	FPT	FFPX L03.4ADD	F5HFL413C*A	3.4	2014	000189488	97	4	u-r-015-0259-1	Green Tag Issued 7/26/2019	Removed from on date green tag was issued.
8/7/2019	Onsite	VT6H48	SERC_027	Xtreme Manufacturing	XR204S Forklift	2018	XR2045-11-18039329	Ellis	ARB	Deutz AG	HDZXL03.6060	TCD 3.6 L4	3.621	2017	12103041	134	4	u-r-013-0536	Green Tag Issued 8/13/2019	
8/14/2019	8/27/2019	RS6W99	SERC_28	Cummins	6K Reach Forklift	2014	10362305	United Rentals	Newtron	Cummins	ECEXL06.7AAH	QSB3.s	6.7	2014	68619362	129	4I	u-r-002-0006-1	Blue Tag Issued 8/14/2019	Removed from Site 8/27/2019. Green tag not issued
8/27/2019	Onsite	RV7M68	SERC_29	JCB	507-42	2016	2435467	United Rentals	Newtron	JCB Power Systems	GJCBL04.4TA5	444TA4-55L1	4.4	2016	SL320/40925U0865716	74	4	u-r-049-0042	Green Tag Issued 9/5/2019	
8/28/2019	Onsite	LR7P73	SERC_30	JLG	60' Boom Lift	2018	10755669	United Rentals	Newtron	Deutz Corp	JDZXL02.9020	TD 2.9 L4	2.9	2018	12147294	67	4	u-r-013-0553	Green Tag Issued 9/5/2019	
9/2/2019	Onsite	TX5P83	SERC_31	Manitowoc	Manitowoc 999	2002	9991103	Maxim Crane Works	ARB	Cummins	2CEXL0661AAF	QSM11	11	2008	35055789	350	2	u-r-002-0144	Green Tag Issued 9/5/2019	Tier relief requested. CEC received notification from Hong Zhuang (AQCOMM) on 9/3/2019.
9/10/2019	Onsite	HN6U33	SERC_032	JLG	6042 T4F 6K Reach Forklift	2016	160073851	United Rentals	Newtron	Cummns	FCEXL03.8AAA	QSF3.8	3.8	2015	89276073	89	4	U-R-002-0620	Green Tag Issued 9/12/2019	
9/13/2019	9/18/2019	166565	SERC_033	Catapillar	XQ200 Generator	2014	CAT00C71KMRP00571	Quinn Power	MSTS	Catapillar	DPKXL7.01BL1	C7.1	7.01	2014	E7B00723		4		Blue Tag Issued 9/13/2019	Removed from site 9/18/2019. Green tag not issued
9/16/2019	10/25/2019	WP9E86	SERC_034	JLG	660SJ Manlift	2015	300206993	Sunstate	ARB	Deutz	FDZXL02.9020	TD2.9L4	2.925	2015	11777630	67	4	u-r-013-0496	Green tag issued 9/20/2019	
9/23/2019	Onsite	XG7V58	SERC_035	Grove	GRT880 Crane	2017	235778	ARB	ARB	Cummins	GCEXL06.7AAK	QSB6.7	6.7	2016	74026109	275	4	u-r-002-0639	Green Tag Issued 10/01/2019	
10/8/2019	Onsite	NL7M56	SERC_036	JLG	600AJ Articulating Boom Lift	2014	10281594	United Rentals	ARB	DEUTZ	EDZXL02.9020	TD2.9L4	2.19	2014	11598545	67	4	U-R-013-0472	Green Tag Issued 10/22/2019	
10/25/2019	Onsite	SG9H76	SERC_037	JLG	860SJ 85' Boom lift	2017	300233300	Sunstate Rentals	ARB	Deutz	HDZXL02.9020	TD2.94L	2.925	2017	12033372	67	4	u-r-013-0527	Green Tag Issued 10/31/2019	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.02 16:40:45 -0700

Date: October 2, 2019i

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.03 16:43:47 -0700

Date: October 3, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimlbe

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.05 15:29:48 -0700

Date: October 4, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

60' Boom Lift was delivered to the stie for extended use. the lift is <50 HP.

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.05 15:23:15 -0700

Date: October 5, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 21:56:49 -0700

Date: 10/7/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 21:57:44 -0700

Date: 10/8/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 21:58:23 -0700

Date: 10/9/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 21:59:45 -0700

Date: 10/10/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:00:26 -0700

Date: 10/11/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:01:26 -0700

Date: 10/14/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:02:06 -0700

Date: 10/15/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:04:26 -0700

Date: 10/16/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:05:07 -0700

Date: 10/17/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:06:04 -0700

Date: 10/18/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:06:56 -0700

Date: 10/21/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:07:36 -0700

Date: 10/22/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:08:09 -0700

Date: 10/23/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.10.24 22:08:50 -0700

Date: 10/24/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.25 16:24:49 -0700

Date: October 25, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	Y	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Received Sun State, 67 HP, Tier 4 85' Telescopic Boom Lift SN 030233300. Removed 65' JLG unit today.

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.10.28 17:40:51 -0700

Date: October 28, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.11.05 16:48:46 -0800

Date: 10/29/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.11.05 16:49:22 -0800

Date: 10/30/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.11.05 16:50:12 -0800

Date: 10/31/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:



November 1, 2019

W Power, LLC – Stanton Energy Reliability Center
10711 Dale Avenue
Stanton, Ca 90680

Attn: Tim Bofman
Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Bofman:

This letter confirms that ARB performs daily inspections and required maintenance at the regularly scheduled intervals for the previous month for all on-site equipment. See attached *AQCMF Equipment Log* for ARB equipment currently on-site.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	N/A
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210I Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A
8/7/2019	Onsite	VT6H48	SERC_027	Xtreme Manufacturing	XR2045 Forklift	2018	XR2045-11-18039329	Ellis	ARB
9/16/2019	Onsite	WP9E86	SERC_034	JLG	660SJ Manlift	2015	300206993	Sunstate	ARB
9/23/2019	Onsite	XG7V58	SERC_035	Grove	GRT880 Crane	2017	235778	ARB	ARB
10/8/2019	Onsite	NL7M56	SERC_036	JLG	600AJ Articulation Boom Lift	2014	10281594	Sunstate	ARB
10/25/2019	Onsite	SG9H76	SERC_037	JLG	860SJ 85' Boom Lift	2017	300233300	Sunstate	ARB

Respectfully,

Steven Fischer
ARB, Inc.
Project Manager

Bill Petty's Backhoe Service, Inc.
13203 Barlin Ave.
Downey, CA 90242
bill@backhooservice.com
562-630-3162
Fax: 562-630-7341

November 1, 2019

ARB, Inc.
26000 Commercentre Dr.
Lake Forest, CA 92630

Attn: Nick Tasich

RE: W Power, LLC – Stanton Energy Reliability Center
10711 Dale Avenue
Stanton, Ca 90680

Subject: Equipment Maintenance
Month: November 2019

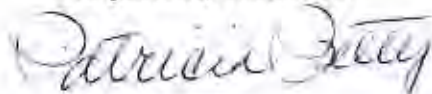
Dear Mr. Tasich,

This letter serves to inform you that the following equipment on the job is being serviced and maintained, the operator does a daily walk around inspection each morning. The operator has the reports with him for the backhoe and you can see the reports at any time.

D & S Backhoe (Kent) 580 SN-Backhoe: Serial Number: JJ6N585NLECT05659

If you should have any questions, please let me know.

Respectfully submitted,



Patricia Petty
President

<u>Date Move on</u>	<u>Date Move off</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Mfr</u>	<u>Model/Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN-Backhoe	2014	JJ0H880RECT0508	D&S BACKHOE SERVICE
<u>Renter</u>	<u>Mfr</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Diesel (hp)</u>	<u>Tier</u>
Bill's Backhoe	FPT INDUSTRIAL	EFPX034DD	FSHF14ADD	207 CU IN	2014	215914	97	T4
<u>Engine Certification on File</u>	<u>Compliance Tag</u>	<u>Notes</u>						
u-r-015-0283	Green tag issued 02/19/2019							



November 1, 2019

ARB, Inc. – Stanton Energy Reliability Center
26000 Commercentre Drive
Lake Forest, Ca 92630

Attn: Nick Tasich
ARB, Inc.

RE: Maintenance and Inspection of Equipment

Dear Mr. Tasich:

This letter confirms that Maxim performs daily inspections and required maintenance at the regularly scheduled intervals for the previous month for all on-site equipment. See below for Maxim equipment currently on-site.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
8/31/2019	onsite	TX5P83	Manitowoc 999	Crawler Crane	2002	9991103	Maxim	Maxim

Respectfully,

A handwritten signature in blue ink, appearing to read "Charlie Giovanni".

Charlie Giovanni
Maxim Crane
Project Manager



1301 SOUTH STATE COLLEGE BLVD

Fullerton, CA. 92831

Office : 714-871-5712

Fax : 714-871-1107

From: United Rentals, Inc.

To: ARB/Newtron LLC.

Subject: LETTER OF MAINTENANCE VERIFICATION

The intention of this letter is to verify that all preventative maintenance and/or service bulletins are current in accordance with the manufacturer's and ARB's / Newtron's recommendations during the month of November 2019.

This is for the equipment listed below at:

10711 DALE ST

STANTON, CA. 90680

<u>DESCRIPTION</u>	<u>EIN NUMBER</u>	<u>SERIAL NUMBER</u>
GENIE VARIABLE REACH FORKLIFT	JW5N58	10366180
[REDACTED]		
JLG BOOM LIFT 60' ART	LR7P73	10755669
[REDACTED]		
[REDACTED]		
SKYTRAK VARIABLE REACH FORKLIFT	HN6U33	10478100
JCB 7K VARIABLE REACH FORKLIFT	RV7M68	10507929
[REDACTED]		

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager

A handwritten signature in blue ink, appearing to read "Sergio Gonzalez". The signature is stylized with large, sweeping loops for the first and last names. The word "Sergio" is written in a cursive script, and "Gonzalez" is written in a more formal, slightly cursive script. The signature is positioned in the center of the page, below the printed name and title.

Appendix B2
Documentation of AQ-SC5 Compliance
(SCE Site)

SERC 66 KV Interconnection - Offroad Diesel Equipment Inventory October 2019

				Equipment						Engine										
<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Diesel (hp)</u>	<u>Tier</u>	<u>Engine Certification on File</u>	<u>Compliance Tag</u>	<u>Notes</u>
10/21/2019	Onsite	VD5L46	SERC_66KV_01	Bobcat	S770	2017	AT5A12704	RJ ALLEN	NA	Doosan	HDICL03.4LEA	D34P	3.4	2017	34P7031263LEL02	92	4F	u-r-019-0147-1	Green tag issued 10/22/2019	
10/21/2019	Onsite	UU6G94	SERC_66KV_02	Caterpillar	450F	2018	HJR00830	RJ ALLEN	NA	Perkins Engine Company	EPKL04.4MK1	C4.4	4.4	2014	C7N38974	127	4I	u-r-022-0191	Green tag issued 10/22/2019	
10/21/2019	Onsite	JX8N65	SERC_66KV_03	Bobcat	E32	2014	B2VV11390	RJ ALLEN	NA	Doosan	EDICL01.8LEA	D18NAP	1.8	2014	D18NAP4001190E0	33	4F	u-r-019-0130	Green tag issued 10/22/2019	
10/21/2019	Onsite	MU4K93	SERC_66KV_04	Caterpillar	450	2019	OKJH00203	RJ ALLEN	NA	Perkins Engine Company	KPKXL04.4MT1	C4.4	4.4	2019	W7N61238	134	4F	u-r-22-0218	Green tag issued 10/22/2019	
10/24/2019	28-Oct	LP5P36	SERC_66KV_05	Lodril/John Deer	135G	2015	1FF135GXVEE400860	Howell Drilling	SCE	ISUZU	ESZXL03.0MXA	AM-4JJ1X	3	2014	12U4JJ1183849	103	4I	u-r-006-0386	Yellow tag issued 10/25, vehicle removed 10/28	Tier 3 equipment used onsite for 3 days.
10/25/2019	Onsite	EX9H48	SERC_66KV_05	SNORKEL	AB60J	2015	AB60J-04-000074	SUNBELT/KING	SCE	KUBOTA	CKBSL02.4HAD	V2403	NA	2015	7FC9905	NA	4I	u-r-025-0664	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	JY8C64	SERC_66KV_06	SNORKEL	AB-85R	2014	AB85J-04-000024	SUNBELT/KING	SCE	DEUTZ	CDZXL03.6081	D2011L041	3.26L	2014	11340859	NA	4I	u-r-013-0487	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	YL6547	SERC_66KV_07	JLG	1732	2019	160095409	SUNBELT/KING	SCE	DEUTZ	KDZXL03	TCD3.6L4	3.6L	2019	12347466	NA	4F	u-r-013-0576/7/8/9	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	NW8R57	SERC_66KV_08	GEHL	RS5-19	2019	35329	SUNBELT/KING	SCE	YANMAR	JYDXL3.32NDA	4TNV98C-NGT	3.3L	2018	83043	59	4F	u-r-028-0828	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	GP3K57	SERC_66KV_09	SNORKEL	A46JRT	2014	A46JRT-04-000106	SUNBELT/KING	SCE	KUBOTA	EKBXL01.5BPD	V1505	1.5L	2014	KN2047	30	4F	u-r-025-0619	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	NL4F64	SERC_66KV_10	SNORKEL	A46JRT	2014	A46JRT-04-000104	SUNBELT/KING	SCE	KUBOTA	EKBXL01.5BPD	V1505	1.5L	2014	1CN2791	30	4I	u-r-025-0619	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.

NA: Information not available at the time of the report.

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-21-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Bobcat loader, mini-excavator, and Backhoe

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-22-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Howell drill rig

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-23-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-24-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-25-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-28-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-29-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-30-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Robert Dixon

Form: SERC-66KV_CAQ-003

AQCMM or Delegate signature: Robert Dixon

Date: 10-31-19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
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Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."



October 22, 2019

RJ Allen Inc.
10392 Stanford Ave
Garden Grove, CA 92840

This letter confirms that RJ Allen Inc. performs daily inspections and required maintenance at the regularly scheduled intervals for the month on all on-site equipment.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier
10/21/19	Onsite	VD5L46	Bobcat	S770	2017	AT5A12704	RJ ALLEN	Doosan	HDICL03.4LEA	D34P	3.4	2017	34P7031263LEL02	92	4F
10/21/19	Onsite	UU6G94	Caterpillar	450F	2018	HJR00830	RJ ALLEN	Perkins Engine Company	EPKL04.4MK1	C4.4	4.4	2018	C7N38974	127	4F
10/21/19	Onsite	JX8N65	Bobcat	E32	2014	B2VV11390	RJ ALLEN	Doosan	EDICL01.8LEA	D18NAP	1.8	2014	D18NAP4001190E0	33	4F
10/21/19	Onsite	MU4K93	Caterpillar	450	2019	OKJH00203	RJ ALLEN	Perkins Engine Company	KPKXL04.4MT1	C4.4	4.4	2019	W7N61238	134	4F

Shawn Ellis

RJ Allen Inc.

Operations Manager

October 21, 2019

Howell Drilling, Inc.
2579 E 67th Street
Long Beach, CA 90805



This letter confirms that Howell Drilling, Inc. performs daily inspections and required maintenance at the regularly scheduled intervals for the precious month for all on-site equipment. See attached AQCMP Equipment Log for Howell Drilling, Inc. equipment on-site.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
10/24/19	TBD	LP5P36	Lodril/John Deere	LODRIL LMFB-70 MOUNTED ON 2015 JOHN DEERE 135G EXCAVATOR	2015	1FF135GXVEE400860	Howell Drilling, Inc.	N/A

LODRIL LMFB-70 (LM3)
MOUNTED ON 2015 JOHN DEERE 135G EXCAVATOR

SERIAL NUMBER: #1FF135GXVEE400860

OWNER: HOWELL DRILLING, INC.

Kind Regards,

Paul Howell
Howell Drilling, Inc.
Owner

Attachment 4 –Biological Resources

2600 Michelson Drive, Suite 500
Irvine, CA 92612
United States
www.jacobs.com

Subject Stanton Energy Reliability Center (16-AFC-1)
Biological Resources Monthly Compliance Report
October 2019

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
 SERC CEC Designated Biologist

Date: November 6, 2019

Copies: Sharon Stureman, SERC, LLC
 Doug Davy, Jacobs
 Karen Parker, Jacobs

1. Introduction

This October 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from October 1 through October 31, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C). The MCR is in accordance with the current (October 2018) Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological resources California Energy Commission (CEC) License Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

- BIO-2: Designated Biologist Duties
- BIO-5: Worker Environmental Awareness Program (WEAP)
- BIO-6: Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP)
- BIO-7: General Impact Avoidance Mitigation Measures
- BIO-8: Pre-construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds

2. Monitoring Summary

This section summarizes biological monitoring activities conducted during the October 2019 reporting period. Construction started at the SERC site (located at 10711 Dale Avenue, Stanton, Orange County, California) on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

During the October 2019 reporting period biological monitoring was conducted on the SERC site weekly. Daily Biological Resources Compliance Monitoring Logs are provided in Appendix A. A list of wildlife species observed during the monitoring events are included in Appendix B.

2.1 Activities Monitored

SERC construction activities were monitored weekly from October 1 through October 31, 2019. Locations monitored included the SERC site (western and eastern parcels), Bethel Romanian Pentecostal Apostolic Church parking lot (located at 10801 Dale Avenue, Stanton), Southern California Edison Laydown Yards (western and eastern), St. John the Baptist Greek Orthodox Church SoCal Gas Laydown Yard, Natural Gas Pipeline (along Dale Avenue from La Palma to West Orange Avenue), and SCE Gen-Tie Line activities at Barre Substation (located at 8662 Cerritos Avenue, Anaheim).

Construction activities at the SERC site included ongoing pipe fabrication and above-ground infrastructure work. Construction on the natural gas pipeline started on August 19, 2019. Pipeline construction activities included asphalt cutting/grinding and removal, installation and welding of steel plates, trench excavation and shoring, potholing, and use of the laydown yard at St. John the Baptist Greek Orthodox Church. Gen-tie line activities began on the SCE Barre Substation on October 21, 2019 and included excavation and pipe installation.

2.2 Nesting Birds

No protected active nests were observed during the October 2019 reporting period. Bird species observed during biological monitoring are included in Appendix B.

2.3 Special-Status Species

No special status species were observed in the project vicinity or on the project site during October 2019. A list of wildlife species observed during monitoring is included in Appendix B.

2.4 Wildlife Injuries and Mortalities

No injured wildlife species were observed in October 2019; however, a deceased American coot (*Fulica americana*) was identified on October 10, 2019 on the south side of Parcel 1.

The Wildlife Observations Form for wildlife observed during the October 2019 reporting period is provided in Appendix C.

2.5 Hazardous Material Spills

One hazardous material spill occurred at the project site during the October 2019 reporting period. Approximately 2 cups of hydraulic oil leaked from a hose rupture on Parcel 2 on October 24, 2019. The spill was cleaned up and the hose was repaired. Details of the spill and cleanup efforts will be submitted separately.

2.6 Non-Compliance Report

No formal non-compliance notifications or incident reports were issued during the October 2019 reporting period.

3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 96 persons completed the SERC WEAP training in October 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix D.

Appendix A
Biological Resources Compliance
Monitoring Logs

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
October 2, 2019					Ken Levenstein		0630 - 1345	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
58 – 82		0 – 4	0 in	Good	Sunny			
Location(s) of Work Site Activities Monitored								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, above-ground infrastructure work, receiving and movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to above-ground infrastructure construction, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western Laydown – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, receiving and movement of equipment/materials, reporting.</p> <p>Eastern Laydown – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, receiving and movement of equipment/materials, reporting.</p> <p>Greek Orthodox Church Laydown – Surveyed church parking lot and surrounding area (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Pipe fabrication, receiving and movement of equipment/materials, reporting. (see Photo Log).</p> <p>Dale Avenue Pipeline, Northern and Middle Sections – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt cutting, excavation, pipefitting, pipelaying, paving, reporting. (see Photo Log).</p>								
Summary of Biological Resources Monitoring Observations								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 								
Items Requiring Action/Follow-up								
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 								
Wildlife Species Observed:								
<p>Birds: Red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), American crow (<i>Corvus brachyrhynchos</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>								

Photo 1



Location	Dale Avenue Gas Pipeline – Northern Section	Description	View south along Dale Avenue from adjacent to Buena Park Downtown Mall at ongoing pipelaying activity.
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Photo 2



Location	Dale Avenue Gas Pipeline – Northern Section	Description	View north along Dale Avenue adjacent to Greek Orthodox Church Laydown at ongoing natural gas pipeline construction.
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Photo 3

Location	Dale Avenue Gas Pipeline – Northern Section	Description	View north along Dale Avenue from south of Crescent Avenue at slurry pour into pipeline trench.
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Photo 4

Location	Greek Orthodox Church Laydown	Description	View southwest from northern portion of Greek Orthodox Church Laydown at staged materials.
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Photo 5



Location

Dale Avenue Gas Pipeline –
Northern Section

Description

View north along Dale Avenue adjacent to Greek Orthodox Church
Laydown at ongoing pipelaying activity.

Photo 6



Location

SERC – Western Parcel

Description

View southeast from eastern portion of Western Parcel at first layer
of water tank for demineralization system. Crane at left will be used
to add another two layers to the tank.

Photo 7

Date & Time: Wed, Oct 02, 2019, 12:19:03 PDT
Position: 033.806651°N / 117.986823°W
Altitude: 66ft
Datum: WGS-84
Azimuth/Bearing: 066° N66E 1173mils (True)
Elevation Angle: +26.6°
Horizon Angle: -04.2°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View east-southeast from western portion of Eastern Parcel at excavation of storm drain underway.

Photo 8

Date & Time: Wed, Oct 02, 2019, 12:19:13 PDT
Position: 033.806666°N / 117.986803°W
Altitude: 61ft
Datum: WGS-84
Azimuth/Bearing: 315° N45W 5600mils (True)
Elevation Angle: +27.1°
Horizon Angle: -01.0°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from western portion of Eastern Parcel at excavation for storm drain system.

Photo 9



Location	SERC – Eastern Parcel	Description	View west from eastern portion of Eastern Parcel at ongoing above-ground infrastructure construction.
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Photo 10



Location	SERC – Eastern Parcel	Description	View east from central portion of Eastern Parcel at ongoing above-ground infrastructure construction.
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Photo 11

Location	Dale Avenue Gas Pipeline – Northern Section	Description	View north along Dale Avenue south of intersection with La Palma Avenue at ongoing natural gas pipeline construction.
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Photo 12

Location	Dale Avenue Gas Pipeline – Northern Section	Description	View south along Dale Avenue adjacent to Greek Orthodox Church Laydown at ongoing natural gas pipeline construction.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
October 9, 2019		Ken Levenstein		0630 - 1045
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58 – 71	0 – 4	0 in	Good	Clouds and sun
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, above-ground infrastructure work, receiving and movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to above-ground infrastructure construction, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western Laydown – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, receiving and movement of equipment/materials, reporting.</p> <p>Eastern Laydown – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, receiving and movement of equipment/materials, reporting.</p> <p>Greek Orthodox Church Laydown – Surveyed church parking lot and surrounding area (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Pipe fabrication, receiving and movement of equipment/materials, reporting.</p> <p>Dale Avenue Pipeline – Northern section paved from La Palma Avenue south to Greek Orthodox Church Laydown.</p> <p>Middle Section (north end) – Excavating, laying pipe, and paving, from Greek Orthodox Church Laydown entrance (north) to HDD entrance pit north of Lincoln Avenue (south).</p> <p>Middle Section South of Carbon Creek – Excavating, stripping and cutting pavement from HDD exit hole (north) to Savoy Place (south). Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. (see Photo Log).</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), American crow (<i>Corvus brachyrhynchos</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southwest from central portion of Eastern Parcel at ongoing above-ground infrastructure construction.
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Photo 2



Location	SERC – Eastern Parcel	Description	View west-southwest from western portion of Eastern Parcel at ongoing above-ground infrastructure construction.
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Photo 3



Location	SERC – Eastern Parcel	Description	View west from western portion of Eastern Parcel at new excavation for storm drain system.
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Photo 4



Location	SERC – Western Parcel	Description	View southeast from eastern portion of Western Parcel at workers adding third layer to water tank for demineralization system.
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Photo 5



Location	Dale Avenue Gas Pipeline – Middle Section	Description	View south-southeast along Dale Avenue at ongoing pipeline excavation north of Broadway.
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Photo 6



Location	Dale Avenue Gas Pipeline – Northern Section	Description	View north-northwest along Dale Avenue from adjacent to Greek Orthodox Church Laydown entrance at recently paved section of pipeline. Paving complete from here north to La Palma Avenue.
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Photo 7

Date & Time: Wed, Oct 09, 2019, 10:02:46 PDT
Position: 033.837634°N / 117.984697°W
Altitude: 61ft
Datum: WGS-84
Azimuth/Bearing: 300° N00E 0142mils (True)
Elevation Angle: +37.6°
Horizon Angle: -02.5°
Zoom: 1X



Location

Dale Avenue Gas Pipeline –
Northern Section

Description

View south-southwest along Dale Avenue from adjacent to Greek Orthodox Church Laydown entrance at paving underway. Truck at center left of photo is dumping asphalt into excavation where pipe has been laid.

Photo 8

Date & Time: Wed, Oct 09, 2019, 10:06:46 PDT
Position: 033.836249°N / 117.984723°W
Altitude: 65ft
Datum: WGS-84
Azimuth/Bearing: 277° N88W 4924mils (True)
Elevation Angle: +31.2°
Horizon Angle: -02.4°
Zoom: 1X



Location

Dale Avenue Gas Pipeline –
Northern Section

Description

View southwest along Dale Avenue from adjacent to Greek Orthodox Church at ongoing pipelaying activity.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
October 15, 2019		Ava Edens (DB)		0900-1200
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
72 – 76	0 – 5	0 in	Good	Clear and sunny
Location(s) of Work Site Activities Monitored				
<p>Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.</p> <p>SERC Site:</p> <p>Western Parcel – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.</p> <p>Eastern Parcel – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.</p> <p>Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.</p> <p>SCE Laydown Yards:</p> <p>Western Laydown – Activities included parking and storage of equipment/materials.</p> <p>Eastern Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.</p> <p>SoCal Gas Sites:</p> <p>Greek Orthodox Church Laydown – Equipment storage and office trailers.</p> <p>Dale Avenue Natural Gas Pipeline – Monitored active section, from Greek Orthodox Church Laydown entrance (north) to West Orange Avenue (south). Activities included trenching and pipe installation.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <p>None</p> <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items requiring follow-up. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), American crow (<i>Corvus brachyrhynchos</i>), common raven (<i>Corvus corax</i>), European starling (<i>Sturnus vulgaris</i>), and house finch (<i>Haemorhous mexicanus</i>).</p>				

Photo 1



Location

SERC – Western Parcel

Description

View east from central portion of Western Parcel at ongoing infrastructure construction.

Photo 2



Location

SERC – Western Parcel

Description

View south from eastern portion of Western Parcel at ongoing infrastructure construction.

Photo 3



Location	SERC – SCE Eastern Laydown Yard	Description	View southwest from the eastern SCE Laydown Yard.
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Photo 4



Location	SERC – Bethel Church Parking Lot	Description	View east from the western end of the Bethel Church Parking Lot.
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Photo 5

**Location**Dale Avenue Gas Pipeline –
At Carbon Creek**Description**View north-northwest along Dale Avenue at pipeline work area
north of Carbon Creek channel.

Photo 6

**Location**Dale Avenue Gas Pipeline –
At Carbon Creek**Description**View south-southwest along Dale Avenue at pipeline work area
south of Carbon Creek channel.

Photo 7

**Location**Dale Avenue Gas Pipeline –
At West Broadway**Description**View south-southwest along Dale Avenue of West Broadway
intersection of ongoing pipeline excavation.

Photo 8

**Location**Dale Avenue Gas Pipeline –
Greek Orthodox Church
Laydown**Description**View south of SoCal Gas Laydown Yard at the Greek Orthodox
Church.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)	
10/21/2019		Will Molland-Simms		0600-1300	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
62	0-5	0	Unlimited	Clear, light winds	
Location(s) of Work Site Activities Monitored					
<p>Work occurred today exclusively at the Barre substation.</p> <p>0600- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foreman, Jason Crumb. Mr. Crumb advised the crew would arrive at the yard in full at 0630 and that the tailboard should be carried out then.</p> <p>0630- Mr. Molland-Simms conducted an environmental tailboard for the crew, along with members of Paleo, Arch and SWPPP team, reviewing regulatory requirements for the project and going over potential compliance issues that could arise. All pertinent biological, archeological, paleontological and SWPPP issues were reviewed and discussed with the team. 21 total members attended the training and signed the log.</p> <p>0720- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective.</p> <p>0730- Project Manager, Travis Tolliver, requested Mr. Molland-Simms retrieve WEAP materials/stickers as well as air certification placards from fellow PM, Tim Bofman, at a neighboring yard. Correspondence continued throughout the day with Mr. Tolliver regarding various issues.</p> <p>0800- Mr. Molland-Simms left the Barre substation and met Mr. Bofman in a neighboring yard. The WEAP and air quality stickers were secured before Mr. Molland-Simms returned to the site.</p> <p>0815- Mr. Molland-Simms returned to Barre substation and distributed stickers to crew members, ensuring all team members had stickers on their hard hats.</p> <p>0830- The SCE crews began framing and otherwise working with the electrical structures on the site. The crew utilized a bobcat, fork-lift and various hand tools to prepare electrical conduit on the site. A portable electrician trailer was also utilized for this purpose. The crew worked in this manner throughout the day.</p> <p>0930- Mr. Molland-Simms met with SCE foreman, Robert Dixon, and went over the ramping requirements for all trenching activities on-site. Mr. Dixon was advised that every excavation should have at least two ramps going in/out at a slope no greater than 2:1. It was then confirmed that the crew had enough 2"x12" boards to be in all excavations planned and the layout of the ramps at the end of the day was confirmed. The work area was also reviewed, and the work area on-site had been delineated with cones and stakes, with additional staking observed outside of the substation in a neighboring plant nursery.</p> <p>1000- The crew began excavations within the substation utilizing a small excavator. The crew moved piled gravel out of the way before excavating soil underneath. A water hose was utilized to water the area to minimize dust impacts. The spoils were placed outside of the work area and watered to minimize dust. The crew worked in this manner throughout the day and had not completed excavations by the time Mr. Molland-Simms left for the day.</p> <p>1200- The crews broke for lunch.</p> <p>1300- Mr. Molland-Simms left the site for the day.</p>					
Summary of Observations					
<ul style="list-style-type: none"> Special-Status Species Observed: None Nesting Bird Observations: None Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting. Other Observations/Comments: None 					

Items Requiring Action/Follow-up
<ul style="list-style-type: none">• None
Wildlife Species Observed:
Black phoebe, western kingbird, house finch, American kestrel, common raven, house sparrow, song sparrow, mourning dove, rock pigeon, Anna's(?) hummingbird, northern mockingbird, lesser goldfinch.

Photo 1



Location	Barre Substation	Description	The crew reviewing the planned work for the substation at the work location. Looking south.
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Photo 2



Location	Barre Substation	Description	The crew working on framing of electrical structures on-site utilizing a fork-lift. Looking south.
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Photo 3



Location	Barre Substation	Description	Cones and staking indicating where the work leaves the substation and goes into neighboring property. Staking is also in neighboring property delineating work area. Looking southeast.
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Photo 4



Location	Barre Substation	Description	SCE crews starting excavations within the substation. Water is being used to minimize dust. Looking south.
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Photo 5



Location	Barre Substation	Description	SCE crews continuing to excavate in the substation with Archeological and Paleontological monitors present. Looking east.
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Photo 6

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
1.	TIA STEVENSON	SCE		10/21/19
2.	ANATOL FRAZEEKAS	SCE		10/21/19
3.	MUTUA MONTEN	ERM		10/21/19
4.	SEAN FRAZEEKAS	SCE		10/21/19
5.	DAVID ELIAS	SCE		10/21/19
6.	DANIEL MCLAN	Paleo Solutions		10/21/19
7.	DAVID MONTEN	Paleo Solutions		10/21/19
8.	DAVID MONTEN	SCE		10/21/19
9.	DAVID MONTEN	SCE		10/21/19
10.	DAVID MONTEN	SCE		10/21/19
11.	DAVID MONTEN	SCE		10/21/19
12.	DAVID MONTEN	SCE		10/21/19
13.	DAVID MONTEN	R.S. Allen		10/21/19
14.	DAVID MONTEN	SCE		10/21/19
15.	DAVID MONTEN	SCE		10/21/19
16.	DAVID MONTEN	SCE		10/21/19
17.	DAVID MONTEN	SCE		10/21/19
18.	DAVID MONTEN	R.S. Allen		10/21/19
19.	DAVID MONTEN	R.S. Allen		10/21/19
20.	DAVID MONTEN	SCE		10/21/19
21.	DAVID MONTEN	SCE		10/21/19
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

Trainer: W. J. Sullivan Signature: Date: 10/21/2019

Location

Barre Substation

Description

WEAP sign-in sheet for 10/21/2019

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
10/22/2019		Jonathan Gunther		0700-0800
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62	0-3	0	Good	
Location(s) of Work Site Activities Monitored				
<p>Biologist did not monitor work today but was on site at 0700 to provide WEAP training to three new workers. In addition to WEAP training the biologist swept the work area to check for any potential resources and inspect condition of the site. Site was clean and free of any potential wildlife entrapment concerns. Before leaving the site photos were taken.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Special-Status Species Observed: None</p> <p>Nesting Bird Observations: None</p> <p>Other Biological Resources Observations: None</p> <p>Other Observations/Comments: None</p>				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> None 				
Wildlife Species Observed:				
<p>house finch</p> <p>mourning dove</p> <p>American crow</p>				

Photo 1

Certification of Completion of Worker Environmental Awareness Education Program
Stanion Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

This is to certify the below mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
1.	John Lee	SERC	[Signature]	10-22-19
2.	RA- [Signature]	SERC	[Signature]	10-22-19
3.	Chris Terzaghi	SERC	[Signature]	10-22-19
4.				
5.				
6.				
7.				
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21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

Trainer: [Signature] Signature: [Signature] Date: 10/22/2019

Location

N/A

Description

10/22/19 WEAP Sign in Sheet

Photo 3



Location	33.808680 / -117.981700 33.808311 / -117.981532	Description	Backed up view of work area Skid steer dumping spoils
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Photo 4



Location	33.808990 / -117.982221	Description	Spoil and gravel piles
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Photo 5



Location	33.808392 / -117.981507	Description	Clearing gravel
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
October 23, 2019		Ava Edens (DB)		1000-1330
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
80 – 81	0 - 1	0 in	Good	Clear and sunny
Location(s) of Work Site Activities Monitored				
<p>Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.</p> <p>SERC Site:</p> <p>Western Parcel – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.</p> <p>Eastern Parcel – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.</p> <p>Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.</p> <p>SCE Laydown Yards:</p> <p>Western Laydown – Activities included parking and storage of equipment/materials.</p> <p>Eastern Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.</p> <p>SoCal Gas Sites:</p> <p>Greek Orthodox Church Laydown – Equipment storage and office trailers.</p> <p>Dale Avenue Natural Gas Pipeline – Monitored active sections, from West Yale Avenue (north) to Lincoln Avenue (south) and from Broadway (north) to Stoneybrook (south). Activities included trenching, pipe installation, and saw cutting concrete.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <p>None</p> <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items requiring follow-up. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Morning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), American crow (<i>Corvus brachyrhynchos</i>), European starling (<i>Sturnus vulgaris</i>), and house finch (<i>Haemorhous mexicanus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View south from central portion of Eastern Parcel at ongoing infrastructure construction.
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Photo 2



Location	SERC – Eastern Parcel	Description	View south-east from western portion of Eastern Parcel at ongoing infrastructure construction.
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Photo 3

Location	SERC – Eastern Parcel	Description	View south-west from western portion of Eastern Parcel at ongoing infrastructure construction.
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Photo 4

Location	SERC – SCE Eastern Laydown Yard	Description	View northeast (Dale Avenue in background) from the southern end of the eastern SCE Laydown Yard.
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Photo 5



Location	SERC – Bethel Church Parking Lot	Description	View west from the eastern end of the Bethel Church Parking Lot.
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Photo 6



Location	Dale Avenue Gas Pipeline	Description	View north-northeast along Dale Avenue at pipe installation activities.
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Photo 7



Location

Dale Avenue Gas Pipeline –
At West Savoy Place

Description

View south-southeast along Dale Avenue of north of West Savoy
Place intersection of ongoing pipeline installation.

Photo 8



Location

Dale Avenue Gas Pipeline –
Greek Orthodox Church
Laydown

Description

View south-southwest of SoCal Gas Laydown Yard at the Greek
Orthodox Church.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
10/23/19		William Roberts		0615-0800
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68-71	Calm	n/a	Clear	
Location(s) of Work Site Activities Monitored				
<p>Barre Substation</p> <p>Biologist arrived on site to provide WEAP training for new crew members and to complete a pre-con sweep. After speaking to a foreman one worker was identified as needing WEAP training. While the biologist was setting up the presentation a different foreman alerted the worker who was to be trained that he was on a different project than SERC and that he did not require WEAP training. The two foremen made some calls and determined that no workers on site needed WEAP training. The biologist performed a pre-con sweep of the site, during, and after the phone calls, and did not observe any compliance concerns. Full monitoring will be performed tomorrow the 24th of October by Will Molland-Simms.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Special-Status Species Observed: none</p> <p>Nesting Bird Observations: none</p> <p>Other Biological Resources Observations: none</p> <p>Other Observations/Comments: The trench on site had been sloped to allow animals to escape.</p>				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> N/A 				
Wildlife Species Observed:				
common Raven, American crow, rock pigeon				

Photo 1



Location	Barre Substation	Description	A sloped trench
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Photo 2



Location	Barre Substation	Description	Drip pans properly placed under staged equipment
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Photo 3



Location	Barre Substation	Description	Sloped trench and caution tape around the work area.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
10/24/2019		Will Molland-Simms		0615-1300
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64	10-20	0	Unlimited	Clear, winds increasing throughout the day
Location(s) of Work Site Activities Monitored				
<p>Work occurred today exclusively at the Barre substation.</p> <p>0615- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foreman, Robert Dixon. Mr. Dixon advised that two additional crew members would require WEAP training today and that they would be arriving shortly.</p> <p>0630- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective. All excavations more than a foot deep had been covered with metal plates and dirt exit ramps were observed in all other excavations, none of which were more than six inches deep.</p> <p>0645- Mr. Dixon conducted a tailboard going over the work plan for the day and relevant safety concerns. He advised the crew would drill a series of 18'-20' deep holes and put metal cages inside the excavations. All cages in excavations would be poured with cement tomorrow, 10/25/2019. Mr. Dixon was commended on his use of dirt ramps and steel plates to eliminate potential wildlife entrapment and reminded that all new excavations should also be ramped or covered.</p> <p>0700- Mr. Molland-Simms conducted an environmental tailboard for the two new crew members to the site.</p> <p>0745- The crew began work for the day. The drill team moved their drill into position before starting to drill into the soil utilizing a large auger. Soil was then moved out of the work areas by the drill, at which point a small excavator was used to move the soil away from any future drill sites. Once the soil was transplanted out of the work area, it was smoothed out with a skip loader. Once the excavation reached its intended depth, a metal cage was installed in the excavation. The drill rig hoisted the cage up, before dropping it into the excavation. Other SCE crews framed and otherwise worked with the electrical structures on the site.</p> <p>0830- Project Manager, Travis Tolliver, requested Mr. Molland-Simms hang the Prop 65 warning at the entrance to the substation and to retrieve project documents from the office once monitoring was complete. Correspondence continued throughout the day with Mr. Tolliver regarding various issues.</p> <p>1030- The drill team completed their first excavation/cage install and moved to the next one. The crew worked in this manner throughout the day, completing several excavations.</p> <p>1100- The crews broke for lunch.</p> <p>1215- Mr. Molland-Simms installed the Prop 65 warning at the site entrance and left the site for the day.</p> <p>1300- Mr. Molland-Simms met Mr. Tolliver at the office and retrieved relevant project signs and documents.</p>				
<ul style="list-style-type: none"> • Special-Status Species Observed: None • Nesting Bird Observations: None • Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting. • Other Observations/Comments: None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • None 				
Wildlife Species Observed:				
Red-tailed hawk, Black phoebe, house finch, common raven, American crow, house sparrow, song sparrow, mourning dove, rock pigeon, Anna's(?) hummingbird, northern mockingbird, lesser goldfinch.				

Photo 1



Location	Barre Substation	Description	The crew reviewing the planned work for the substation at the work location. Hard to tell, but dirt exit ramps are present where cement walls are present. Looking south.
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Photo 2



Location	Barre Substation	Description	The drill crew beginning excavations of their first hole of the day. Looking north.
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Photo 3



Location	Barre Substation	Description	The crew utilizing a small excavator and a skip loader to move soil out of the work area and smooth it over. Looking south.
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Photo 4



Location	Barre Substation	Description	The crew installing the metal cage into the excavation. Looking east.
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Photo 5



Location	Barre Substation	Description	Excavations covered with steel plates on-site. Looking east.
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Photo 6



Location	Barre Substation	Description	The Prop 65 warning installed at the entrance to the Barre Substation under the speed limit sign.
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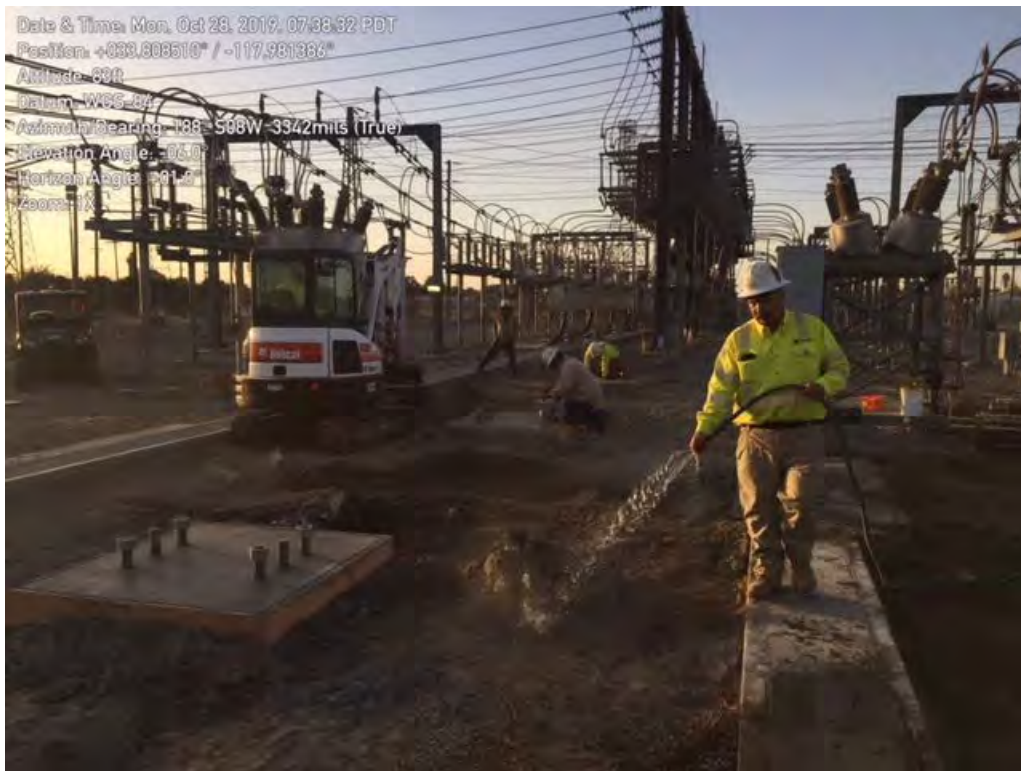
Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
10/28/2019		Will Molland-Simms		0615-1300
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
57	5-10	0	Unlimited	Clear, winds increasing slightly throughout the day
Location(s) of Work Site Activities Monitored				
<p>Work occurred today exclusively at the Barre substation.</p> <p>0615- Biologist Will Molland-Simms arrived at Barre substation and met with acting SCE foreman, Luis. Luis advised that no new crew members needed training today and that SCE foreman, Robert Dixon, would not be in today.</p> <p>0630- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective. All excavations more than a foot deep had been covered with metal plates and dirt exit ramps were observed in all other excavations, none of which were more than six inches deep.</p> <p>0645- Luis conducted a tailboard going over the work plan for the day and relevant safety concerns. He advised the crew would be excavating at least six feet down in the area where the cages/foundations had been installed and that the excavation would be terraced every two feet to avoid requiring shoring. Once everything was excavated to specification (which was not anticipated for today), piping and other conduit would be installed into the excavations. Luis was reminded that all new excavations should be ramped or covered, and he advised a stockpile of wooden boards to be used as exit ramps were ready to go and staged by where excavations were to take place.</p> <p>0700- The crew began work for the day. A small excavator was utilized to excavate areas around the poured cages/foundations while laborers prepared the metalwork on top. Once enough soil was excavated it was placed outside of the work area where a bobcat was used to transport it away from the work area. Additional crew members sprayed water during excavating to mitigate any potential dust issues. Once the smaller areas were excavated, a larger excavator was utilized to continue excavations to a deeper depth. The crew worked in this manner throughout the day. Other SCE crews framed and otherwise worked with the electrical structures on the site.</p> <p>0830- Project Manager, Travis Tolliver, requested Mr. Molland-Simms hang the Prop 65 warning at the Dale St. entrance to the substation. Correspondence continued throughout the day with Mr. Tolliver regarding various issues.</p> <p>0930- Mr. Molland-Simms installed the Prop 65 warning and a speed limit sign at the Dale St. entrance to the Barre substation.</p> <p>1100- The crews broke for lunch.</p> <p>1200- The crew continued excavations.</p> <p>1300- Mr. Molland-Simms left the site for the day.</p>				
<p>Special-Status Species Observed: None</p> <p>Nesting Bird Observations: None</p> <p>Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting.</p> <p>Other Observations/Comments: None</p>				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> None 				
Wildlife Species Observed:				
Killdeer, Black phoebe, house finch, common raven, American crow, house sparrow, song sparrow, mourning dove, rock pigeon, northern mockingbird, lesser goldfinch, American kestrel.				

Photo 1



Location	Barre Substation	Description	The crew starting work after completing the morning tailgate meeting on-site. Looking south.
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Photo 2



Location	Barre Substation	Description	The crew excavating within the substation with water being added to mitigate for potential dust issues. Looking south.
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Photo 3



Location	Barre Substation	Description	The crew utilizing a bobcat to remove excavated soil from the project site. Looking north.
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Photo 4



Location	Barre Substation	Description	The crew utilizing a larger excavator to excavate soil while the dust is mitigated and soil is removed. Looking east.
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Photo 5

Date & Time: Mon, Oct 28, 2019, 10:44:34 PDT
 Position: +033 808401 -117 981437
 Altitude: 84ft
 Datum: WGS-84
 Azimuth/Bearing: 078° N78E 1387mils (True)
 Elevation Angle: -04.6
 Horizon Angle: -00.7
 Zoom: 1X



Location

Barre Substation

Description

Continued excavations with wildlife exit ramps (wooden boards) stockpiled and staged nearby. Looking east.

Photo 6

Date & Time: Mon, Oct 28, 2019, 09:36:16 PDT
 Position: +033 809473 -117 984388
 Altitude: 80ft
 Datum: WGS-84
 Azimuth/Bearing: 188° S08W 3942mils (True)
 Elevation Angle: -08.8
 Horizon Angle: -02.2
 Zoom: 1X



Location

Barre Substation, Dale St.
Entrance

Description

The Prop 65 warning and speed limit sign installed at the Dale St. entrance to the Barre Substation. Looking south.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
October 29, 2019		Ava Edens (DB)		1030-1430
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70 – 72	0 - 10	0 in	Good	Clear and sunny
Location(s) of Work Site Activities Monitored				
<p>Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.</p> <p>SERC Site:</p> <p>Western Parcel – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.</p> <p>Eastern Parcel – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.</p> <p>Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.</p> <p>Western Laydown – Activities included parking and storage of equipment/materials.</p> <p>Eastern Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.</p> <p>SoCal Gas Sites:</p> <p>Greek Orthodox Church Laydown – Equipment storage and office trailers.</p> <p>Dale Avenue Natural Gas Pipeline – Monitored active sections, from West Savoy Place (north) to West Ball Road (south) and from West Yale Avenue (north) to West Lincoln Avenue (south). Activities included trenching, pipe installation, and saw cutting concrete.</p> <p>SCE:</p> <p>Gen-Tie Line – Monitored excavation and construction on gen-tie line at Barre Substation.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <p>None</p> <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items requiring follow-up. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Morning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), American crow (<i>Corvus brachyrhynchos</i>), and house finch (<i>Haemorhous mexicanus</i>).</p>				

Photo 1



Location	Barre Substation – SCE Gen-Tie Line	Description	View east-southeast of excavation for SCE's Gen-Tie Line at the eastern edge of the Barre Substation.
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Photo 2



Location	Barre Substation – SCE Gen-Tie Line	Description	View east-southeast of construction for SCE's Gen-Tie Line at the eastern edge of the Barre Substation.
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Photo 3



Location

SERC – Bridge Over Carbon Creek

Description

View east from Western SERC Parcel at vehicle bridge and ongoing infrastructure construction.

Photo 4



Location

SERC – Eastern Parcel

Description

View southeast from northwestern portion of the Eastern SERC parcel at ongoing infrastructure construction.

Photo 5



Location	SERC – Western Parcel	Description	View east from north portion of the Western SERC parcel at dust suppression efforts.
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Photo 6



Location	SERC – Western Parcel	Description	View west from north portion of the Western SERC parcel at dust suppression efforts.
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Photo 7



Location

Dale Avenue Gas Pipeline

Description

View south along Dale Avenue of south of West Savoy Place intersection of ongoing pipeline excavation.

Photo 8



Location

Dale Avenue Gas Pipeline

Description

View north-northwest along Dale Avenue at ongoing pipeline construction and installation.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
10/31/2019		Will Molland-Simms		0615-1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
48 @0630	0-5	0	Unlimited	Clear, winds increasing slightly throughout the day
Location(s) of Work Site Activities Monitored				
<p>Work occurred today exclusively at the Barre substation.</p> <p>0615- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foreman, Robert Dixon. Mr. Dixon advised that one new crew members needed training today and that crews would be working this Saturday, although no new crew members were anticipated for weekend work.</p> <p>0630- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective. All excavations more than a foot deep had wooden ramps leading from the excavations or dirt berms allowing for potentially trapped wildlife to exit the trench.</p> <p>0645- Mr. Dixon conducted a tailboard going over the work plan for the day and relevant safety concerns. He advised the crew would be continue excavating in multiple spots within the substation. And the main excavation area, the trench would be extended another two feet down, while at other areas initial excavations would take place going down approximately 3 feet. He also advised that haul trucks would be arriving on-site to drop off clean soil for the project. Mr. Dixon was reminded that all new excavations should be ramped or covered, and he advised ramps would be installed at the end of the day.</p> <p>0700- A WEAP training was carried out for the one new crew member to the site.</p> <p>0705- The crew began work for the day. At the main excavation site, an excavator was utilized to extract soil from the existing trench. The soil was placed outside of the work area before being removed from the site with a bobcat. The bobcat was also utilized to scrape away the top layer of gravel in areas where new excavations were to take place. Once the gravel was removed, a small excavator was utilized to excavate approximately 3 feet down. The crew worked in this manner throughout the day. Other SCE crews framed and otherwise worked with the electrical structures on the site.</p> <p>0745- Project Manager, Travis Tolliver, was contacted to verify that delivery drivers were not required to attend WEAP training. Correspondence continued throughout the day with Mr. Tolliver regarding various issues.</p> <p>0930- Mr. Molland-Simms installed the Prop 65 warning and a speed limit sign at the southern Dale St. entrance to the Barre substation as well as the Cerritos entrance to the site.</p> <p>1100- The crews broke for lunch.</p> <p>1200- The crew continued excavations. When enough area had been excavated at the main area the crew began framing and installing conduit in the excavation. Water was also applied to the ground to minimize dust impacts.</p> <p>1455- The crew finished work for the day and began to pack up. Exit ramps were verified in the excavations and no compliance concerns were observed.</p> <p>1500- Mr. Molland-Simms left the site for the day.</p>				
<ul style="list-style-type: none"> • Special-Status Species Observed: None • Nesting Bird Observations: None • Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting. • Other Observations/Comments: None 				
Items Requiring Action/Follow-up				
None				
Wildlife Species Observed:				
Eurasian collared dove, Black phoebe, house finch, Anna's (?) hummingbird, common raven, American crow, American kestrel, house sparrow, song sparrow, mourning dove, rock pigeon, northern mockingbird.				

Photo 1



Location	Barre Substation	Description	Exit ramps observed in excavations prior to the start of work activities. Looking west.
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Photo 2



Location	Barre Substation	Description	The crew utilizing a bobcat to scrape away gravel on top of areas to be excavated. Looking east.
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Photo 3



Location	Barre Substation	Description	The crew excavating the main pit with other monitors present also. Looking south.
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Photo 4



Location	Barre Substation	Description	The crew utilizing a small excavator to excavate soil in other areas of the substation. Looking north.
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Photo 5



Location

Barre Substation, Cerritos St. Entrance.

Description

Prop 65 and speed limit sign installed at Cerritos entrance to Barre Substation. Looking south.

Photo 6



Location

Barre Substation

Description

Continued dirt moving and framing/conduit installations within the Barre Substation. Water is being added to minimize dust impacts. Looking east.

Appendix B Wildlife Species List

Observed Wildlife Species List October 1 – October 31, 2019 Stanton Energy Reliability Center		
Common Name	Scientific Name	Status Federal/State/Other
Birds		
American coot	<i>Fulica americana</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
Common raven	<i>Corvus corax</i>	--/--/--
Eurasian collared dove	<i>Streptopelia decaocto</i>	--/--/NP
European starling	<i>Sturnus vulgaris</i>	--/--/NP
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/NP
Killdeer	<i>Charadrius vociferus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/NP
Song sparrow	<i>Melospiza melodia</i>	--/--/--
Western kingbird	<i>Tyrannus verticalis</i>	--/--/--

Status Codes:

If status codes are not provided, the species is not a special-status species.

Federal:

FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range

FT = Federally listed Threatened: species likely to become endangered within the foreseeable future

BCC = Birds of Conservation Concern

State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

SSC = Species of Special Concern - Species of special concern to California Department of Fish and Wildlife (CDFW) due to declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.

S = Sensitive

WL = Watch List

SP = Special Animals List

Other:

Bureau of Land Management (BLM), United States Department of Interior – Sensitive (S)

California Department of Forestry and Fire Protection (CDF) classifies “sensitive species” as those species that warrant special protection during timber operations.

United States Forest Service (USFS) – Sensitive (S)

NP = Not Protected (Introduced Species)

Appendix C

Wildlife Observations Form

Stanton Energy Reliability Center (SERC)
Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or ava.edens@jacobs.com. In the event the DB cannot be reached, please contact the Biological Monitor. After you have contacted the DB or Biological Monitor, please complete this "Wildlife Observation Form".

Date	Observer	Observer's Employer
10/10/19	Terran Boteler	ARB, Inc.

Location of Observation

South Side - Parcel 1

Wildlife Species

?

Condition of Wildlife (alive/dead)

DEAD

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

?

Current Location of Animal

Disposed of

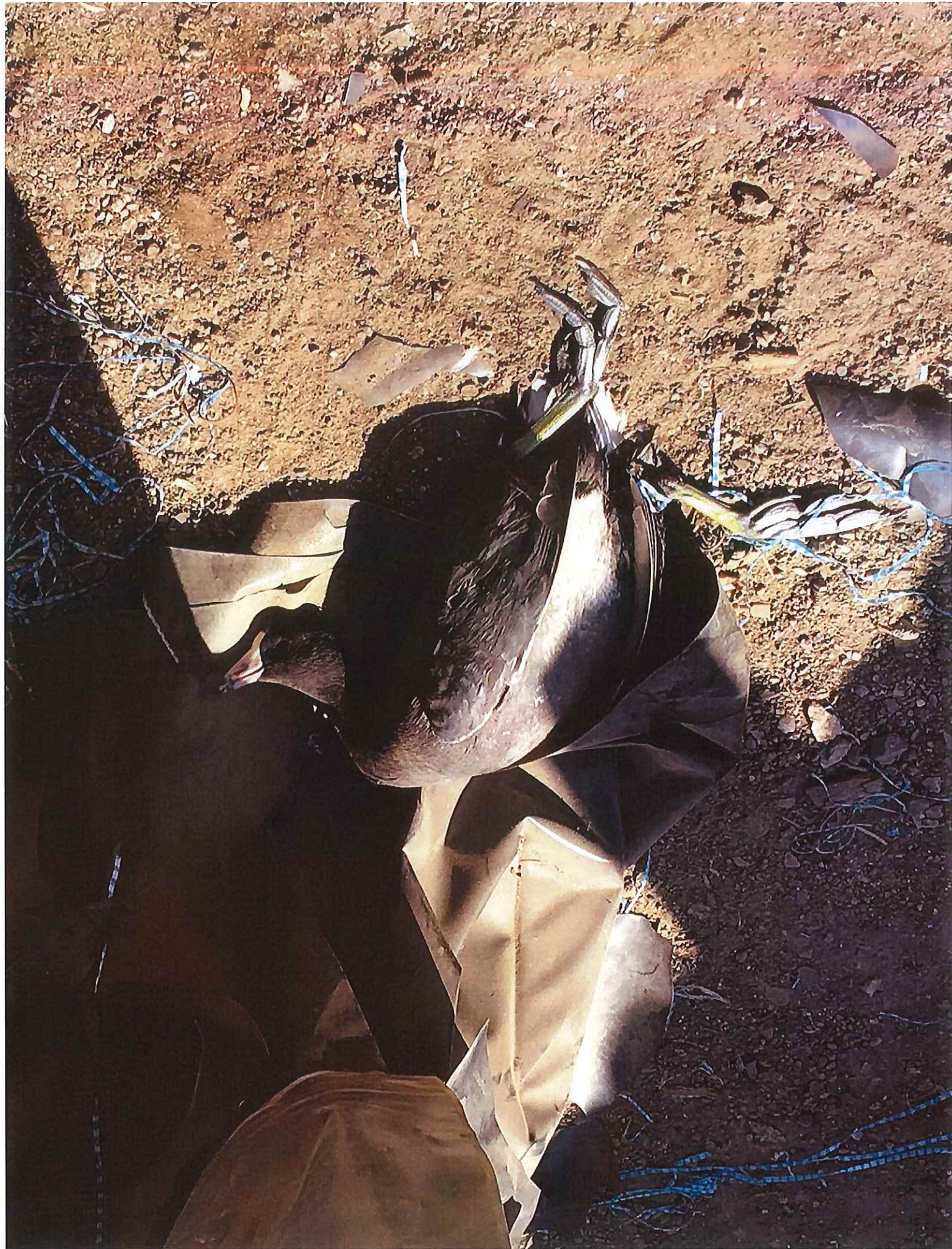
Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

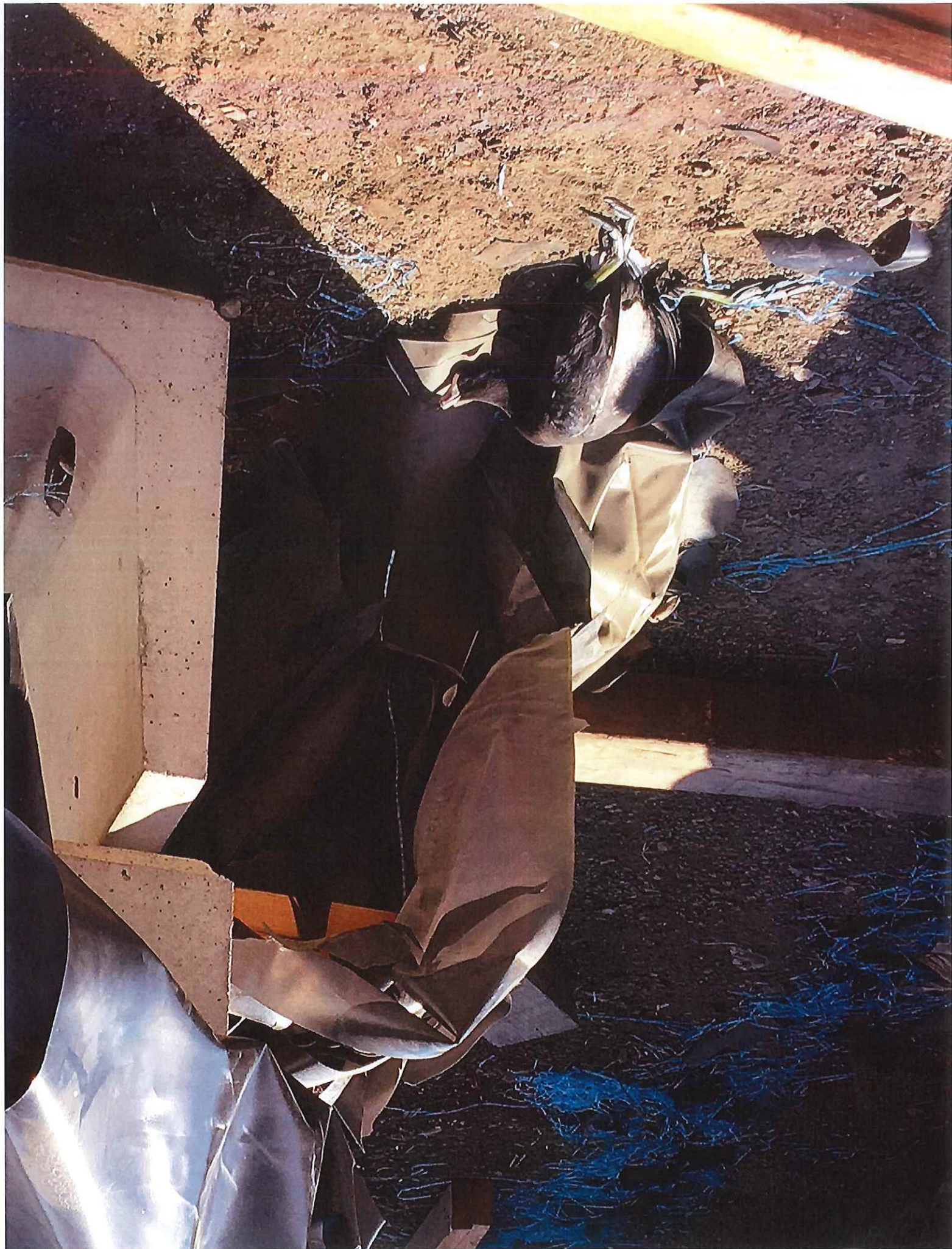
Yes ☐ No ☒ N/A ☐

If Yes, Explain

Additional Comments

BIRD species found DEAD behind the
Conex in the Electrician's Area. It
was smelly so I Bagged it up + tossed
it into trash.



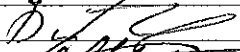
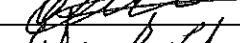
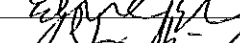
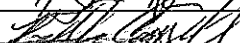

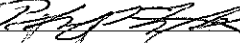
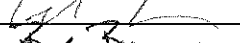
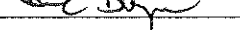
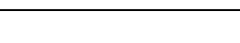


Appendix D
WEAP Training Log

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
1.	David Alexander	Pulsewest		10/1/19
2.	Dylan Houston	Pulsewest		10/1/19
3.	Tony Echeverria	NVS		10/2/19
4.	Blake Paulino	Newtron		10/2/19
5.	RODOLFO GARRIZO	NEUTRON		10/3/19
6.	Marcos Fernandez	New		10-3-19
7.	Phillip Fontana	Newtron		10-3-2019
8.	Colin Mullins	Global Security		10-4-19
9.	Bruce Boyer	NV 5		10-4-19
10.				
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Trainer: T. DRAPER

Signature: 

Date: 9/30/19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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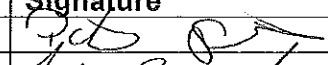
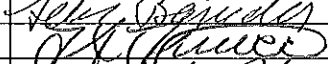
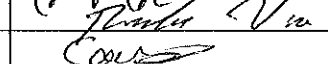
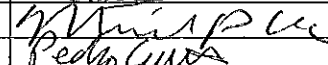
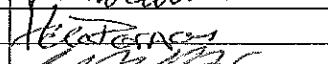
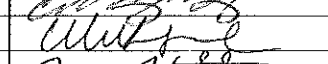
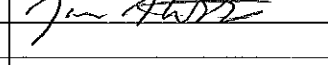
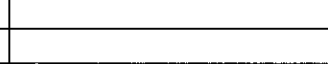
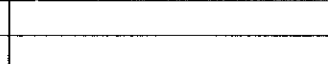
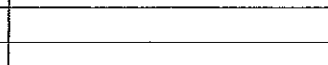
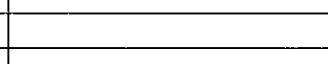
No.	Employee Name	Company	Signature	Date
1.	Dillon Griffin	ARB ARB	<i>Dillon G.</i>	10-7
2.	CLEON PEEBLES	ARB / PSC	<i>Cleon P.</i>	10-07-19
3.	JAMES HOLLAND	ARB	<i>James H.</i>	10-7-19
4.	Don Miller	MIT/PSIA	<i>Don M.</i>	10-8-19
5.	Eric Chace	Newtron	<i>E. Chace</i>	10-9-19
6.	Celestino Cervantes	Newtron	<i>C. Cervantes</i>	10-9-19
7.	Alfred Chavez JR	AICORN	<i>Alfred C.</i>	10-11-19
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Trainer: T. DRAPER Signature: *[Signature]* Date: 10/7/19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Patrick Senteno	Oldcastle		10-14-19
2.	Luis Benavides	oldcastle		10-14-19
3.	Tom Tinucci	WPower		10-14-19
4.	Rafael Valdez	CMC		10-14-19
5.	Gustavo Benitez	CMC		10-14-19
6.	MIKE O'Dell	E3 Cusby		10/15/19
7.	Pedro Contreras	Brand		10/16/19
8.	Hugo Rosales	Brand		10-16-19
9.	Candido Vasquez	GIS		10-17-19
10.	Chris McKenzie	GIS		10-17-19
11.	James Hobbs	GIS		10-17-19
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Trainer: T. DRAPER

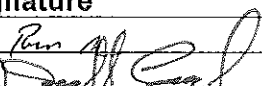
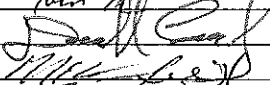
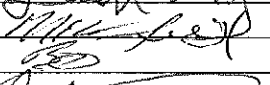
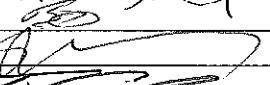
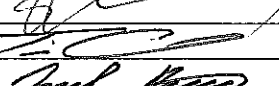
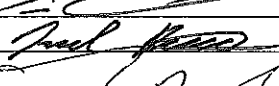
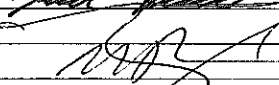
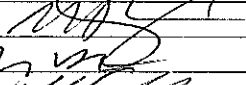
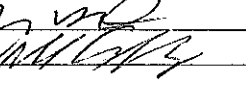
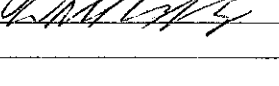
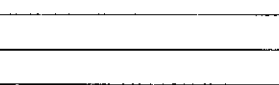
Signature: 

Date: 10/14/19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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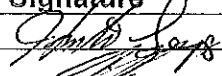

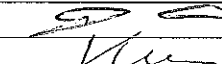
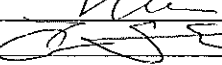

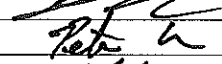
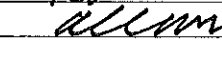
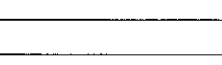
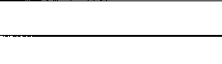
No.	Employee Name	Company	Signature	Date
1.	RICARDO AVILA	NEWTRON		10/22/19
2.	DAVID LLOYD	NEWTRON		10-22-2019
3.	Michael Swift	ARB		10-23-19
4.	Ryan Quinn	CME		10-23/19
5.	Sean Morrissey	AEC		10/23/19
6.	TIM GOSKIN	AEC		10/23/19
7.	Jacob Romero	AEC		10-24-19
8.	CHRISTOPHER EACOLE	WELLHEAD CONSTRUCTION		10/24/19
9.	MATTHEW DUMMER	WELLHEAD CONSTRUCTION		10/24/19
10.	Jorge Rodriguez	Newtron		10/25/19
11.	WILLIAM SCHMIDT	BPT TURBINES		10/25/19
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Trainer: T. DRAPER Signature:  Date: 10/21/19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	HUMBERTO LOPEZ	ARB		10/28/19
2.	OSCAR PADILLA	NEUTRON		10/30/19
3.	Kyle Story	NEUTRON		10/30/19
4.	JESUS CORREA	NEUTRON		10/31/19
5.	Ken Zheng	H & R Labs		11/1/19
6.	Anthony Stumpf	Gregg Drilling		11-1-19
7.	Christian Renteria			
8.	Drew Hogenhuizen	PCL		11-1-2019
9.	Peter Lee	Rubicon		11-1-2019
10.	Alex Moreno	Rubicon		11-1-2019
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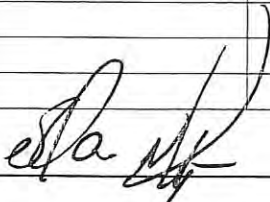
Trainer: T. DRAPER Signature:  Date: 10/28/19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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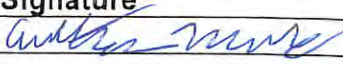
No.	Employee Name	Company	Signature	Date
1.	Jesus Cernas	SE		6/7/19
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Trainer: ALAIN MEYER Signature:  Date: 10/7/19

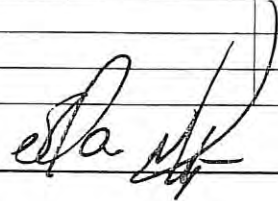
Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Anthony Montes	S.E. Pipeline		10-10-19
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Trainer: ALAIN MEYER

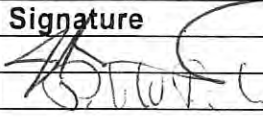
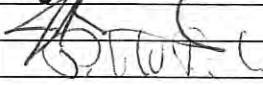
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Date: 10/10/19

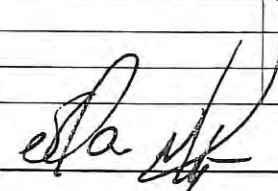
Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	John McDaniel	Bills		10-14-19
2.	PATRICK W. RISELEY	PALEO WEST		14 Oct 2019
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Trainer: ALAIN MEYER

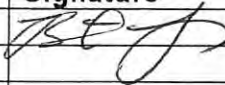
Signature: 

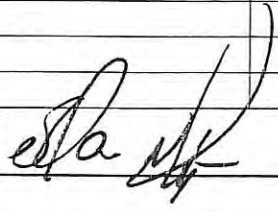
Date: 10, 14, 19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Bert Farley	SE Pipe		10/16/19
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Trainer: ALAIN MEYER Signature:  Date: 10 / 16 / 19

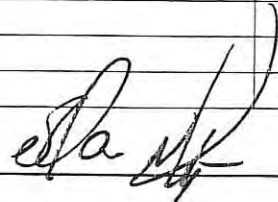
Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
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No.	Employee Name	Company	Signature	Date
1.	Alex Ruiz	SE Pipeline	SE Pipeline	10-17-19
2.	CRUZ Ruiz OROPELA	SE Pipeline	SE Pipeline	10-17-19
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Trainer: ALAIN MEYER

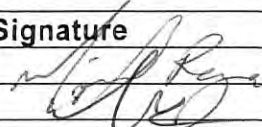
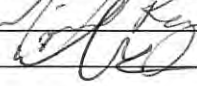
Signature: 

Date: 10/17/19

Certification of Completion of Worker Environmental Awareness Education Program

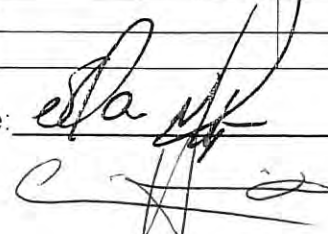
Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Miguel Reza	SE-PIPELINE		10/18/19
2.	Edgardo Guerrero	SE-PIPELINE		10-18-19
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Trainer: ALAIN MEYER

Chris Hilario

Signature: 

Date: 10/18/19

10/18/19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
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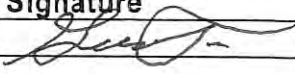
No.	Employee Name	Company	Signature	Date
1.	Joshua Rodriguez	SE Pipeline	Joe	10/23/19
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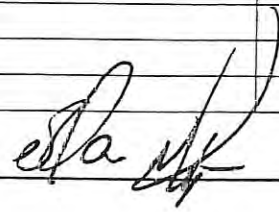
Trainer: ALAN MEYER Signature: [Signature] Date: 10/23/19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
1.	Guadalupe Tovar	SE Pipeline		10-24-19
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Trainer: ALAIN MEYER Signature:  Date: 10 / 24 / 19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Luis Ortiz	Techcorr	Luis Ortiz	10/25/19
2.	MARIO GANDARILLA	TECHCORR	Mario Gandarilla	10-25-19
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Trainer: ALAN MEYER Signature: [Signature] Date: 10 / 25 / 19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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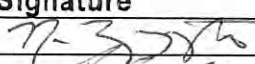
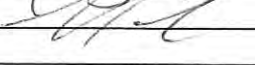
No.	Employee Name	Company	Signature	Date
1.	Joshua Rodriguez	SE Pipeline	Joan	10/28/19
2.	Ruben Camacho	SE Pipeline	Ruben Camacho	10/28/19
3.	Cynthia Morales	PaleoWest	Cynthia Morales	10.28.19
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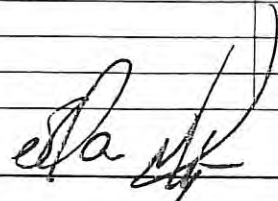
Trainer: ALAIN MEYER Signature: [Signature] Date: 10, 28, 19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

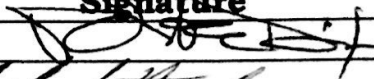
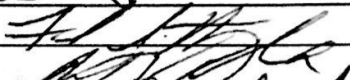
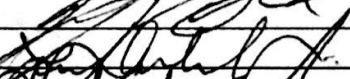
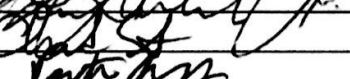
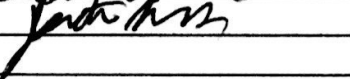
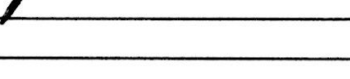
This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
1.	Nikos Zureygardt	SE PIPELINE		10/31/19
2.	Lorena Lo Guzman	SE PIPELINE		10/31/19
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Trainer: ALAN MEYER Signature:  Date: 10/31/19

Certification of Completion Worker Environmental Awareness Program STANTON ENERGY CENTER (16-AFC-01)

This is to certify these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP). The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials. Include this completed form in the Monthly Compliance Report.

No.	Employee Name	Title/Company	Signature
1.	ROBERT DIXON	WORKING FOREMAN	
2.	FERNANDO HERNANDEZ	SAN OPERATOR	
3.	JOSE J. VALLE	S.C.E.	
4.	Luis J. Hernandez	SCE	
5.	Chad Stone	Operation RJALAN	
6.	Jonathan Guther	Biologist	
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Cultural Trainer: _____ Signature: _____ Date: ____/____/____

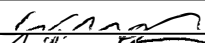
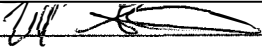
Paleo Trainer: _____ Signature: _____ Date: ____/____/____

Biological Trainer: Jonathan Guther Signature:  Date: 10/14/2019

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
1.	Will Roberts	Aardvark		10/18/19
2.	Will McDaniel - Senior	Aardvark		10/18/19
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Trainer: Ava Edens Signature:  Date: 10 / 18 / 19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	TIM STEVENSON	SCE		10/21/19
2.	AMTAL FIZZEKAS	SCE		10/21/19
3.	MONICA NGUYEN	ERM		10/21/19
4.	Sean Aycock	SCE		10/21/19
5.	David Flores	SCE		10/21/19
6.	Daniel Nolan	Paleo Solutions		10/21/19
7.	Morgan Bender	Paleo Solutions		10/21/19
8.	Henrick Morales	SCE		10/21/19
9.	Wally Kai	SCE		10/21/19
10.	Francisco Turubianter	SCE		10/21/19
11.	Dezmond Caffert	SCE		10/21/19
12.	BOB DIXON	SCE		10/21/19
13.	James Greenleaf	R.T. Allen		10/21/19
14.	Patrick Dunheavy	SCE		10/21/19
15.	JOSE J. VALLE	SCE		10-21-19
16.	Jason Grumb	SCE		10-21-19
17.	Luis J. Hernandez	SCE		10-21-19
18.	Robert Waxman	R.T. Allen		10-21-19
19.	BRIAN FERRATO	R.T. ALLEN		10-21-19
20.	PAUL CHURCH	SCE		10-21-19
21.	DARIN KLIZ	"		10-21-19
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Trainer: W. H. Richard Sims Signature:

Date: 10 / 21 / 2019

Certification of Completion of Worker Environmental Awareness Education Program

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Cultural, Paleontological, and Biological Resources Education Program Verification
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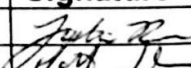
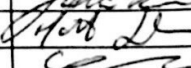

No.	Employee Name	Company	Signature	Date
1.	Liz Denniston	Paleo Solutions		10/21/19
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Trainer: Ava Edens Signature:  Date: 10 / 21 / 19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
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No.	Employee Name	Company	Signature	Date
1.	Justin Peters-Mueller	SCE		10-22-19
2.	MA. J. J. J.	23 A. J. J.		10-22-19
3.	Chris Terberg	SCE		10-22-19
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Trainer: Jonathan Gunther Signature:  Date: 10 / 22 / 2019

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
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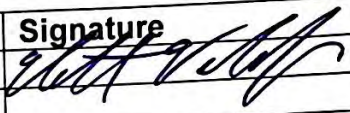
No.	Employee Name	Company	Signature	Date
1.	GREG TURK	Howell Drilling	[Signature]	10/24/19
2.	GARY GRIANE	Howell Drilling	[Signature]	10-24-19
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Trainer: Will Mollen Signature: [Signature] Date: 10 / 24 / 2019

Certification of Completion of Worker Environmental Awareness Education Program

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Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Nathan Valdez	SCE		10/31/19
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Trainer: Will Mollard-Sims Signature:  Date: 10/31/2019

Attachment 5 – CIVIL

Attachment 5 has been deliberately left blank in this reporting period

Attachment 6 – Cultural Resources

Cultural Resources Monitoring Activities Monthly Compliance Report for the Stanton Energy Reliability Center Project (16-AFC-1C) October 2019

Prepared For: John Heiser/California Energy Commission
Tim Bofman/SERC, LLC

Copies: Sharon Stureman, SERC, LLC
Doug Davy/Jacobs
Karen Parker/Jacobs
Phil Reid, CRS/Jacobs

Prepared By: Gloriella Cardenas, Alternate CRS /PaleoWest
Reporting For Period: October 2019

This October 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from October 1 through October 31, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in October included a structure 4A box vault excavation in Parcel 1 of the SERC Plant and the off-site Southern California Gas (SoCalGas) pipeline. The MCR is prepared in accordance with the current (November 2018) Cultural Resources Mitigation and Monitoring Plan (CRMMP) and as required by California Energy Commission license Condition of Certification CUL-6.

An additional work component is being conducted by Southern California Edison with cultural resources monitors from Paleo Solutions. This work consists of footings and trenching for duct bank installation to complete the tie in from the SERC plant to the Barre Substation and the wider electrical grid.

SERC Plant Site and SoCalGas Pipeline

Personnel Active in Monitoring This Period

Cultural Resources Specialist (CRS) Phillip Reid, Alternate CRSs Gloriella Cardenas and Natalie Lawson, as well as Cultural Resources Monitors (CRMs) Ryan Rolston, Gena Granger, Jennifer McElhoes, Cynthia Morales, and John McDermott monitored the SERC plant site and SoCalGas pipeline during this reporting period.

Native American Monitors (NAM) for this reporting period were Robert Dorame and Dylon Houston.

TABLE 1

Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
10/01/19	5	2
10/02/19	5	2
10/3/19	5	2
10/4/19	4	1
10/7/19	4	1
10/8/19	4	1
10/9/19	4	1
10/10/19	4	1
10/11/19	4	1
10/14/19	4	1
10/15/19	4	1
10/16/19	4	1
10/17/19	4	1
10/18/19	4	1
10/21/19	4	1
10/22/19	4	1
10/23/19	4	1
10/24/19	4	1
10/25/19	4	1
10/28/19	4	1
10/29/19	4	1
10/30/19	4	1
10/31/19	4	1
Total CRM/NAM-Days	95	26

Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Tuesday, October 1, 2019. Activities monitored included trench excavations for the gas pipeline and hand excavated potholing for utility location. Work occurred in various locations within stations 2+50 to 94+70, 100+00, 144+00, and 144+50 along Dale Avenue and extended up to 9 ft below the current street surface. Additionally, excavations of a structure 4A vault box for a storm drain took place in the SERC plant, Parcel 1.

Native sediments were observed at various pipeline trench stations at approximately 2 ft to 8 ft below the surface of the asphalt. Observed sediments were loosely compacted to

uncompacted light brown sands with small, sparse angular inclusions. The sidewalls were prone to collapse and much of the pipeline trench was shored with wood plating.

Cultural Resources Discoveries This Period

A historic trash deposit was discovered on October 15, 2019 along the gas line route. On October 16, 2019, the site was formally recorded as Temporary Site Number SERC S-2-19 and evaluated by the Alternate CRS, Natalie Lawson.

This site is a small subsurface refuse scatter which consists of household items, including 1 glass Listerine bottle, 1 bottle base, 1 small cut bone fragment, 4 nails, 4 brown glass fragments, 128 clear glass fragments, 31 undifferentiated metal pieces, fragment of a bottle base, mouth and neck fragment, bottle mouth and neck with part of a shoulder, bottle base fragment with a maker's mark, part of a light bulb, square bottle base, part of a label is visible, 2 wire nails. Temporally diagnostic items date between 1919 and 1933.

NRHP eligibility recommendations were that the find is not eligible under any criteria and is not a unique resource under CEQA. The full evaluation is provided in the site record.

Comments by the CEC for the DPR were recently received. The DPR with comments and edits addressed, will be submitted as an addendum to this report.

Southern California Edison Work – SERC Tie-In to Barre Substation

SCE contractor Paleo Solutions is conducting cultural resources monitoring of the SERC tie in to the Barre Substation for SCE. Personnel active during this reporting period were Liz Denniston and Morgan Bender.

NAM for this reporting period was Robert Dorame.

Ground disturbing activities subject to cultural monitoring commenced October 21, 2019 and consisted of drilling for bases and I-Beams and trenching for piping.

Date	CRMs	NAMs
10/21/19	1	1
10/22/19	2	1
10/23/19	No ground disturbance	No ground disturbance
10/24/19	1	1
10/25/19	No ground disturbance	No ground disturbance
10/28/19	1	1
10/29/19	No ground disturbance	No ground disturbance
10/30/19	No ground disturbance	No ground disturbance
10/31/19	1	1
Total CRM/NAM-Days	6	5

No cultural resources were discovered as a result of this work.

Fulfillment Requirements of Each Cultural Resource Mitigation Measure

Table 2 describes the fulfillment requirements of each cultural resources mitigation measure (Condition of Certification) and lists the state of compliance with the measure. For complete text of the measures, please see the Commission Decision.

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
CUL-1: Appointment and Qualifications of Cultural Resources Personnel	<ul style="list-style-type: none"> Owner must appoint a designated Cultural Resources Specialist (CRS) and Alternate CRSs. CRS will manage monitoring and reporting and make recommendations regarding eligibility of finds for California Register of Historical Resources CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs) CRS may obtain services of additional technical specialists as needed. 	In compliance <ul style="list-style-type: none"> Owner has appointed CRS and Alternate CRS. CRS is directing monitoring. CRS has obtained services of CRMs and NAMs No additional technical specialists have been required
CUL-2: Information to be Provided to CRS	<ul style="list-style-type: none"> Owner must provide CRS with project information including the Application for Certification, cultural resources reports, data request responses, Final Staff Assessment, and Commission Decision, and project designs and maps. Owner must provide CRS with a weekly construction schedule Owner must notify CRS of any changes to construction phases. 	In compliance <ul style="list-style-type: none"> Owner has provided CRS with project information and maps Owner provides three-week lookahead schedule weekly There have been no changes to the construction phases.
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	<ul style="list-style-type: none"> The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains. 	In compliance <ul style="list-style-type: none"> The CRMMP has been prepared and approved by the CPM
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	Not applicable – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	<ul style="list-style-type: none"> The CRS must prepare a WEAP training module and brochure describing the potential for cultural resources discovery, procedures to follow in case of emergency discovery, and penalties for non-compliance. All workers must receive the training during their first week on on-site employment and must sign a sheet documenting that they have received the training 	In compliance <ul style="list-style-type: none"> All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).
CUL-6: Cultural Resources Monitoring	<ul style="list-style-type: none"> The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils. 	In compliance <ul style="list-style-type: none"> The CRS or CRM has monitored

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
	<ul style="list-style-type: none"> • The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments. • CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS. • The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs. • The CRS must report incidents of non-compliance with LORS 	<p>ground disturbance.</p> <ul style="list-style-type: none"> • A NAM monitored ground disturbance • The CRS has submitted the daily field reports • The CRS has prepared this Monthly Compliance Report • There have been no incidents of non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	<ul style="list-style-type: none"> • The CRS has authority to halt construction in the event of a cultural resource find • The CRS or CRM must record the find on Form DPR-523 and notify the CPM • If human remains are found, the CRS must notify the Native American Heritage Commission. • If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification. 	<p>In compliance</p> <ul style="list-style-type: none"> • No cultural resources have been found • No human remains have been found • No finds of interest to Native Americans have been made
CUL-8: Fill Soils	<p>If the project will use fill from a non-commercial borrow site or deposit sediments in a non-commercial fill site, the CRS must conduct a pre-construction cultural resources survey of the site.</p>	<p>In compliance</p> <ul style="list-style-type: none"> • No new sources of non-commercial fill or disposal were identified for use this month.

WEAP Training This Period

All on-site staff received cultural resources Worker Environmental Awareness Program (WEAP) training prior to starting work on site this month. From October 1 to 31, 2019, a total of 96 persons completed the SERC WEAP training. The hard copy training logs for the October 2019 reporting period are included in the Biological Resources Monthly Compliance Report.

Anticipated Changes in the Next Period

Pipeline trench excavations and potholing for utilities is expected to continue. Additionally, limited work at the SERC plant site is proposed along the storm sewer system in November. Work by SCE at the Barre Substation will also continue in November. CRMs will be onsite to monitor excavations with the potential to impact native soils and to respond to discoveries if they occur.

Comments, Issues or Concerns

None.

Attachment 7 - Paleontology

**Monthly Report of Paleontological Resources Monitoring
Activities for the Stanton Energy Reliability Center
Condition of Certification PAL-6
October 2019**

Prepared For: Doug Davy, Jacobs
Karen Parker, Jacobs

Prepared By: Niranjala Kottachchi, Paleontological Resources Specialist

This report covers paleontological resources monitoring activities at the Stanton Energy Reliability Center Project (Project) for the month of October 2019, as required by California Energy Commission license Condition of Certification PAL-6.

Personnel Active in Paleontological Monitoring This Period

Tara Redinger was the primary Paleontological Resources Monitor (PRM) for this month. Additional paleontological monitors on site during this reporting period included David Alexander and Patrick Riseley, and PRS, Niranjala Kottachchi.

Pipeline construction by SoCal Gas requiring paleontological monitoring continued throughout the month of October. Trenching crews worked at different locations along Dale Avenue. These locations or stations are presented in Table 1 below week by week. The presence of unconsolidated native sands in the trench required shoring during most of the month, thus slowing down excavations. In addition to SoCal Gas trenching activities, minor excavations took place in Parcel 1, but paleontological monitoring was halted at the discretion of the PRS due to presence of only base material. Southern California Edison (SCE) began excavations near the end of the month at the Barre substation. Paleontological monitoring was conducted by Daniel Nolan of PaleoSolutions. These activities are incorporated in the table below.

Paleontological Resources Discoveries This Period

No paleontological resources were discovered during the month of October 2019.

Anticipated Work and/or Changes in the Next Period

Excavations for the pipeline by SoCal Gas and SCE excavations at the substation will continue in November. In addition, ARB will resume excavations at the main plant facility.

Comments, Issues or Concerns

None to report.

Table 1. Monitoring and Associated Activities This Period

Week	Station #	Activity	Stratigraphy	Paleontological Resources
1	3+70 to 4+00, 2+80, 35+50 to 37+90, 86+00, 2+50 to 2+70, 37+37 to 38+25, 36+00 to 41+50, 38+19 to 38+80, 37+50 to 42+00, 36+90 to 37+25	Trenching for gas line 4 feet wide to a maximum depth of 7 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 1-2 feet of disturbed sediment, have unconsolidated, native Holocene medium-grained, beige, sugary sands down to the base of the trench. Shoring continued to be required as it did during September	No paleontological resources were observed
	Parcel 1	Excavations of 4 feet x 4 feet area down to a depth of 5 feet	All sediment was fill with approximately 8 inches of native sands at the base	No paleontological resources were observed
2	39+50 to 40+00, 41+75 to 42+10, 40+40 to 41+50, 39+00 to 39+80, 39+80 to 40+40, 41+80 to 43+90, 63+50 to 65+50, 63+90 to 65+50, 67+50 to 69+00, 43+90 to 45+65, 69+00 to 70+50, 67+40 to 68+10, 45+65 to 46+30, 46+42 to 46+75, 66+75 to 67+00	Trenching for gas line 4 feet wide to a maximum depth of 6 feet to 9 feet at all locations	Below 6-10 inches of asphalt and 1-2 feet of disturbed sediment, have unconsolidated, native Holocene medium-grained, beige, sugary sands down to the base of the trench Only at 38+10 did the unconsolidated sugary sands become slightly more silt and clay rich with depth At 43+90 to 45+65, 45+65 to 46+30, 69+00 to 70+50 and 67+40 to 68+10, fill increased to a depth of 4 1/2 feet. At the latter two stations, sediment is a fine-grained silty sand below the fill	No paleontological resources were observed

Week	Station #	Activity	Stratigraphy	Paleontological Resources
3	70+50 to 72+15, 67+00 to 67+80, 47+00 to 48+00, 47+50 to 49+00, 67+80 to 72+15, 73+60 to 73+65, 74+20 to 74+40, 75+25 to 76+77, 49+40 to 50+90, 47+00 to 48+00, 50+80 to 51+50, 77+10 to 78+50	Trenching for gas line 4 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Upper 5-7 feet was composed of fill. Below the fill, had native, Holocene, fine to medium sugary sands	No paleontological resources were observed
4	Southern California Edison (east side of Barre substation) 78+50 to 79+40, 81+00 to 82+00, 79+40 to 79+60, 83+20, 82+00 to 83+50, 83+40 to 84+40, 83+30 to 84+00, 86+40 to 87+00 Dale at Standustrial Street	Area of 7 feet x 4 feet x 16 feet was excavated removing foundation. Additional areas 5 feet x 5 feet x 10 feet were also excavated for foundation bases Trenching for gas line 4 feet wide to a maximum depth of 7 to 8 feet at all locations Excavations for HDD entrance 12 feet x 6 feet x 15 feet	Native Holocene sediment was exposed consisting of dark brown, moderately compacted, medium to very fine-grained sands, silts and clays Below the 6-10 inches of asphalt and 1-2 feet of disturbed sediment, have native, Holocene, unconsolidated sugary sands down to the base of the trench Sediment at 82+00 was a dark silty mud mixed with sand down to a depth of 6 feet Upper 3 feet consisted of silty sand fill material mixed with brick material. Below the fill, have native silts and sands to a depth	No paleontological resources were observed No paleontological resources were observed No paleontological resources were observed

Week	Station #	Activity	Stratigraphy	Paleontological Resources
			of 5 feet. Below this, have organic-rich clays, Sediment becomes silty to sands thereafter down to the base of the trench	
5	Dale at Standustrial Street	Excavations for HDD continued 40 feet x 6 feet x 15 feet, Additional area was excavated south of Dale and Standustrial 10 feet x 15 feet x 15 feet	Upper 3 feet consisted of silty sand fill material mixed with brick material. Below the fill, have native silts and sands to a depth of 5 feet. Below this, have organic-rich clays, Sediment becomes silty to sands thereafter down to the base of the trench	No paleontological resources were observed
	85+35 to 86+05, 88+00 to 89+50, 86+05 to 86+40, 88+30 to 88+60, 90+70 to 91+00, 91+00 to 93+15, 88+65 to 88+75, 89+05 to 89+15, 91+00 to 91+56, 89+80 to 90+05	Trenching for gas line 4 feet wide to a maximum depth of 7 feet to 9 feet at all locations	Below the 6-10 inches of asphalt and 1-2 feet of disturbed sediment, have native, Holocene, unconsolidated sugary sands down to the base of the trench	No paleontological resources were observed
	Southern California Edison (east side of Barre substation)	Area of 10 feet x 4-10 feet x 2-7 feet was excavated for pipeline trench	Native Holocene sediment was exposed at 2 feet below the surface consisting of dark brown, moderately compacted, medium to very fine-grained sands, silts and clays	No paleontological resources were observed



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability project

Date: 10/1/2019 8:34:17 AM

Project Location: South of La Palma on Dale

Weather:

Clear skies, 60 degrees

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast

Contact(s): Dannv

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

South of La Palma on Dale ave. Starting at station 3+70. To 4+00

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Trenching down to maximum 7 ft depth for pipe installation. I watched the crew start digging at 8:30. They trenches southward from station number 3+70. They had less than 15 ft to connect with previously dug trenches at 4+00. They then moved over to 2+80 to finish removing sediment from around the sewage pipe they uncovered on Thursday last week. In that location they dug down to 9.5 ft depth across 15 ft length. they weren't able to clear out the whole area around the sewage pipe.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

At station 3+70 The fill layer stayed shallow, only going down to 1.5 ft while in this segment. Below the fill the native sediments continued as massively bedded medium to fine sand that was light tan to white in color. This sediment continued to maximum exposed depths at 7 ft. It was soft and did not hold together well during excavation,

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Today I monitored along side the archeology monitor Jennifer mcelhoes

Plan for tomorrow:

Finish up around the sewage trench then backfill.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/1/2019 11:09:16 AM

10/1/2019 11:36:02 AM

10/1/2019 1:55:46 PM

South, start of trenching at 3+70



North, fixing the trench around the 5.5 ft deep sewage pipe.



North, 9 ft depth trench under sewage pipe crossing.



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 10/1/2019 8:58:44 AM

Project Location: Anaheim, CA

Weather:

63F some clouds, breezy

Monitor(s): nkottachchi

Work Start Time: 07:00

Work End Time: 15:30

Construction Company: Southeast pipeline

Contact(s): Robert

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Between Crescent Ave and Lincoln Ave Station 35+50 to 37+90

Scope of Construction Work Monitored/Equipment Used:

420F mini excavators (2)

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Both excavators were operating between Crescent Ave and Lincoln Ave. Both were trenching in the direction of Lincoln and within 500 feet of each other.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations at both sites are down to a depth of approximately 8'9" feet x 2 feet wide. Below the 1 foot of pavement, have medium-grained, sugary, beige, clean sands throughout. Possible channel deposit. All Holocene in age.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

Plan for tomorrow:

Continue excavations

Attachments (Y/N):

☒ Yes ☐ No

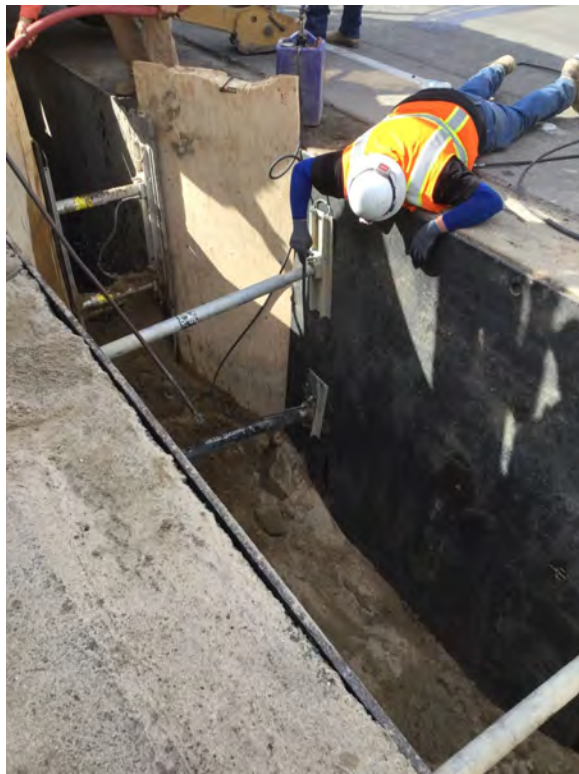
Photograph Record:

10/1/2019 9:24:32 AM

10/1/2019 10:17:23 AM



Trenching by crew near orthodox church



Medium sands within the trench; approximately 9 feet deep



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 10/1/2019 12:09:24 PM

Project Location: Fern and Pacific Parcel 1

Weather:
Partly cloudy

Monitor(s): ggranger

Work Start Time: 6:30am

Work End Time: 3:00pm

Construction Company: ARB

Contact(s): Mike Seckinton

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Parcel 1

Scope of Construction Work Monitored/Equipment Used:

Mini excavator

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring mini excavator trenching primarily in base(fill). Excavated 1 box about 4 x 4 feet removing about 8 inches of native sands about 5 feet deep.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed

Additional Comments:

This is David Alexander monitoring for Paleontological resources

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 10/2/2019 6:40:11 AM

Project Location: Anaheim, CA

Weather:

Cool, clear skies 56F

Monitor(s): nkottachchi

Work Start Time: 07:00

Work End Time: 12:00

Construction Company: Southeast pipeline

Contact(s): Robert

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Between Crescent Ave and Lincoln Ave

Scope of Construction Work Monitored/Equipment Used:

420F mini excavators (2)

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

One mini excavator continued trenching from station 86+00 to the next excavator which was starting at Station 37 +90. Remainder of road towards Lincoln Ave was being stripped of pavement.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations at both sites are down to a depth of approximately 8'9" feet x 2 feet wide. Below the 1 foot of pavement, have medium-grained, sugary, beige, clean sands throughout. Possible channel deposit. All Holocene in age.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

Plan for tomorrow:

Continue with trenching

Attachments (Y/N):

☒ Yes ☐ No

Photograph Record:

10/2/2019 10:30:34 AM



Excavations for gas line



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability project

Date: 10/2/2019 9:01:37 AM

Project Location: South of La Palma on Dale

Weather:

Clear, cool 60 degrees

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast

Contact(s): Robert

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

South of La Palma on Dale ave. Station 2+50

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today they started the day by continuing to clean up and excavate down to 9 ft around the sewer pipe crossing they hit last week. They worked in the area between stations 2+50 and 2+70. They are excavating down to about 9.5 ft depth. They went to station 41+60 after they finished and started removing cement with the backhoe. They never started digging by the end of the day.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

At station 3+70 The fill layer stayed shallow, only going down to 1.5 ft while in this segment. Below the fill the native sediments continued as massively bedded medium to fine sand that was light tan to white in color. This sediment continued to maximum exposed depths at 7 ft. It was soft and did not hold together well during excavation,

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Watched the southeast crew with Jennifer.

Plan for tomorrow:

Start digging at 41+60 southward

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/2/2019 9:03:01 AM

10/2/2019 1:11:11 PM



South, location for start of day cleaning around sewer pipe crossing at 2+50.

South, Finished trench by the sewer pipe (green).



Daily Monitoring Report - Paleontology

Project Name: Santon Energy Reliability

Date: 10/2/2019 1:16:41 PM

Project Location: Dale and Fern and 405

Weather:

Clear and sunny warm

Monitor(s): tredinger

Work Start Time: 0630

Work End Time: 3:00

Construction Company: ARB and SE

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Stanton energy a. Plant at Fern and Pacific and pipeline at 405 Dale

Scope of Construction Work Monitored/Equipment Used:

Mini excavator and 2 back hoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for Paleontological resources. O630 attended plant safety meeting, then monitored trenching in old fill (base). At 1100 wen to 405 Dale st and monitored 2 backhoes trench 9 ft deep trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Station #37+37- 38+25 clay sewer pipe at 37+98 4'9" deep.

Also at station 36+00-36+50

Lithologic Description(s):

Observations of Paleontological Resources:

Additional Comments:

This is David Alexander monitoring for Paleo not tredinger.

Plan for tomorrow:

Monitor as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/3/2019 8:54:21 AM

Project Location: On Dale between crescent

Weather:

Clear, cool

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Robert

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale between crescent and Yale. Stations 36+00 through 41+50

Scope of Construction Work Monitored/Equipment Used:

4 backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

After the 7:00 tailboard we waited until 8:45 before they could close up Dale and begin digging. They had 4 back hoers, only two of which were digging. The two hat were digging started at 38+20; and 36+15. the other two backhoes were removing asphalt at 39+00 and 41+50 and moving equipment. David and I switched places throughout he day since we were told that three would dig. The crew at the far south end started digging at 11:00 at station 41+00. They got to 41+40 at which time they discovered a modern red pipe.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

For the sections between 36+00 and 40 he sediments stayed very soft and sandy. (Sugar sand) even the fill layer above 2 to 3 ft was reburied sand. At 41+00 the fill started going down deep, up to 5 ft where utility pipes crossed the trench. Below the fill the native sediments continued as massively bedded medium to fine sand that was light tan to white in color. This sediment continued to maximum exposed depths at 7 ft. It was soft and did not hold together well during excavation,

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Tara redinger complete this Daly log.

Plan for tomorrow:

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/3/2019 9:02:13 AM

10/3/2019 11:06:29 AM

10/3/2019 2:12:16 PM



North, overviewed of work on dale



South, Southernmost crew began excavating at 41+00 at 11:00.



East, sidewall at 41+50



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability project

Date: 10/3/2019 12:32:41 PM

Project Location: Dale ave Buena park

Weather:

Clear, sunny and warm.

Monitor(s): tredinger

Work Start Time: O700

Work End Time: 3:30

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station numbers 36+50 to 36+90 and 38+19 to 38+80

Scope of Construction Work Monitored/Equipment Used:

2 backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontoloical resources. Two backhoes trenching upto 10 feet deep for pipeline

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

This is Paleontologist David Alexander

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/4/2019 9:27:51 AM

Project Location: On Dale between crescent

Weather:

Clear and cool In the morning

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 1:00

Construction Company: Southeast pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale between crescent and vale 3 machines between stations 37+50 and 42+00.

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today I attended the tailboard at 7:00 then digging on Dale started at 9:00. The initially had two backhoes digging at 37+50 and 38+75. Both crews dug down to a maximum 10 ft. Depth. The crew that started at 37+50 stopped at 38; and the crew that started at 38+75 stopped at 39+10.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Native sediments below the fill (4 ft deep) consists of of massively bedded light tan to white medium to fine grained sand. The sand is well sounded and is made up of mostly quartz, k-spar and biotite.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Tara redinger completed this log

Plan for tomorrow:

Continue my bing southward on Dale with three back hoes

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/4/2019 9:56:53 AM

10/4/2019 1:32:59 PM



South, start of excavation process at 37+70. Laborers were hand digging around some electrical and wate pipes



South, Steve 2 crew excavating around a Sewer pipe. Collapsing sand required wetting with water while digging (38+00).



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/4/2019 11:41:12 AM

Project Location: 405 Dale Buena Park

Weather:

Clear and sunny

Monitor(s): tredinger

Work Start Time: 0700

Work End Time: 1:00

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Stations 36+90-37+25

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

This is PALEONTOLOGIST David Alexander

Plan for tomorrow:

Monitoring Monday

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/7/2019 9:08:06 AM

Project Location: On Dale between Yale and

Weather:

Warm, clear skies

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Robert

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale between Yale and crescent. (Station 39+50 to 40+00; station 41+75 to 42+10) and on Yale between Tola and Broadway (64+50)

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

After attending the tailboard we started monitoring the continued trenching on Dale ave between crescent and Yale. They were continuing to trench between 39+50 and 41+50 with two backhoes. David and I switched off while we waited for the 3rd crew to get started on Dale between Tola and Broadway. They started potholing for water pies at 64+50 without us there, but we got there after they had dug for 10 minutes and told them we had to be present for all hand digging (especially archeology) . We then monitored them continue potholing from 11:00 onward. The

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The fill layer stayed shallow, only going down to 1.5 ft while in this segment except right above the sewer line that crossed the trench at 41+00 at 4 ft depth. Below the fill the native sediments continued as massively bedded medium to fine sand that was light tan to white in color. This sediment continued to maximum exposed depths at 7 ft. It was soft and did not hold together well during excavation, the sand down where the 3rd crew was digging was slightly finer but otherwise he same.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

I started the day switching off with David, but at 11:00 the 3rd crew started working so I went down with Jennifer and only monitored that crew for the rest of the day.

Plan for tomorrow:

Continued trenching southward on Dale with 3 machines from where they left off.

Attachments (Y/N):

☒ Yes ☐ No

Photograph Record:

10/7/2019 9:21:17 AM

10/7/2019 11:31:32 AM



South, installing bracers after continuing trenching at 39+50



North, potholed area that was not monitored due to poor communication. (64+50)



South, pothole (2 ft deep) at 64+75 where they were looking for signal electrical lines,



Daily Monitoring Report - Paleontology

Project Name: Stanton energy

Date: 10/7/2019 12:59:15 PM

Project Location: 405 Dale Ave Buena Park

Weather:

Clear,sunny hot

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 330

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

St #40+40 to 41+50 and 39+00 to 39+80

Scope of Construction Work Monitored/Equipment Used:

2 backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for Paleontological resources. 2 backhoes digging upto 9 feet deep pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/8/2019 8:35:17 AM

Project Location: 317 Dale Ave. Buena Park

Weather:

Foggy to clear sunny and warm

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station numbers 39+80 to 40+40 And 41+80 to 43+90

Scope of Construction Work Monitored/Equipment Used:

2 back hoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes digging upto 8-9 feet deep.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability center

Date: 10/8/2019 8:55:24 AM

Project Location: On Dale ave between

Weather:

Overcast, cool 64 in morning. Clear and hot in afternoon.

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Robert foreman

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale ave between Broadway and tola (63+50 to 65+50)

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

After attending the tailboard at 7:00 I joined Danny's crew to monitor excavation from 63+50 southward. They started at the southern end of the HDD trench and spent a half hour cleaning that section out before continuing with the backhoe. The trench is only going to a maximum 7 ft for the first 40 ft.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Below the fill the native sediments continued as massively bedded medium to fine sand that was light tan to white in color. This sediment continued to maximum exposed depths at 7 ft. It was soft and did not hold together well during excavation,

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Monitored with Jennifer all day

Plan for tomorrow:

Continue to move southward along Dale with 3 machines

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/8/2019 9:03:18 AM



North, start of day cleaning out the HDD southern trench with the backhoe.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/9/2019 6:39:32 AM

Project Location: On Dale ave between

Weather:

Partially cloudy.

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Richard 1 foreman

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale ave between Broadway and tola (63+90 to 65+50) and 67+50 to 69+00)

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today after the tailboard I went to Dale and Broadway to monitor Danny's crew excavation. They started trenching at 64+70 at 9:00 and went down a maximum 6.0 ft. By the end of the day they had completed 100 ft of trench. They also started potholing with shovels at 67+00 to look for sewer and other utilities up to 5 ft. (Water main fiber optic, tv, electric gas main). Later in the day Steve (operator) started trenching to a maximum 7 ft at 68+10. They finished the day at 68+80 completing 40 ft of trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

At 36+75 Below the fill the native sediments continued as massively bedded medium to fine sand that was light tan to white in color. This sediment continued to maximum exposed depths at 7 ft. It was soft and did not hold together well during excavation. At 38+10 the sand below the fill section starts at about 4 ft depth and is a medium tan brown color. It contains more silt and clay compared to the sediment seen north of Broadway.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Jacobs bio stopped by. I monitored with two crews.

Plan for tomorrow:

Continue moving south at Dale and Broadway.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/9/2019 9:48:01 AM

10/9/2019 12:41:38 PM



South, start of digging at 10:00



Southwest, Steve's crew trenching sidewalk south of Broadway (68+10)



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/9/2019 10:20:37 AM

Project Location: 305 Dale Ave, Buena Park

Weather:

Cloudy to partly cloudy

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 43+90 to 45+65

Scope of Construction Work Monitored/Equipment Used:

One backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One Backhoe digging up to 10 feet deep 30 inch wide gas pipeline trench. Trench was primarily fill up to 4 1/2 feet deep.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/10/2019 9:15:57 AM

Project Location: On Dale at the intersection

Weather:

Sunny but moderately cool

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Dannv. foreman

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale at the intersection of Broadway. (Station 69+00 to 70+50, 67+40 to 68+10)

Scope of Construction Work Monitored/Equipment Used:

2 backhoes, shovels

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today after attending the tailboard at 7:00 I monitored excavation of the trench and potholing activities along Dale between Trojan and Academy Ave. Two crews were working. At 68+90 Steve's crew potholed for utilities down to 3 ft before starting to dig. They dug down with the backhoe to a maximum of 8 ft depth. They crossed an unmarked 3 inch metal pipe 2 ft deep at 70+00. By the end of the day they got to 70+50. The other crew started digging at 65+50 and continued trenching to a maximum of 7 ft depth. The 2nd crew stopped at 67+00.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The fill layer here goes down to 4 to 5 ft and is clay rich silty fine grained sand that is dark brown in color. Below the fill layer the sand layer transitions at 35+50 to a fine grained silty sand that appears to be a floodplain deposit. This sediment is darker yellow brown and holds together nicely.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Today I monitored 2 separate machines and worked with Gena, Jennifer, and John.

Plan for tomorrow:

Continue moving south on Dale from Broadway Ave.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/10/2019 1:32:56 PM

South, 68+90 trenching. Transition to silty sand loam



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/10/2019 12:38:32 PM

Project Location: 227 Dale Ave Buena Park ca

Weather:

Clear and sunny, warm

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 45+65 to 46+30

Scope of Construction Work Monitored/Equipment Used:

One backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One back hoe digging 30 inch wide trench up to 10 feet deep. The upper 4 1/2 feet is primarily redeposited fill.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☒ Yes ☐ No

Photograph Record:

10/11/2019 9:27:49 AM



Trench near station 46+00
Picture looking south.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/11/2019 9:36:10 AM

Project Location: On Dale south of Yale ave

Weather:

Sunny and medium

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast

Contact(s): Richard foreman

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale south of Yale ave (46+42 to 46+75)

Scope of Construction Work Monitored/Equipment Used:

One backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

After the tailboard I moved over to where the 2nd Steve crew (the one Ryan and David where watching) they started at 46+30 at 9 ft depth. At 46+42 they found a sewer pipe (unmarked) down at 4 ft depth. They fixed it then continued trenching south from it down to 8.5 ft. Hwy hit a second unmarked sewer pipe at 46+70 and by the end of the day hey stopped at 46+75.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Fill material was dark brown and silty. Fill only went down to 2 ft depth except where utilities crossed the trench. Below that the sediment consisted of sugary fine grained quartz sand hat was well sorted and massively bedded except for some fine stratification below 6 ft depth.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Inspector Johnny worked with Jennifer and myself. We watched only the one machine run by Steve 2

Plan for tomorrow:

Continue to finish the last 200 ft of trenching north of Lincoln.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/11/2019 9:53:03 AM

10/11/2019 10:06:34 AM



South. Start of excavation at Dale/Yale crossing



South, 46+40 2 inch gas and water lines crossing at 1 and 3 ft depth.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/11/2019 12:27:10 PM

Project Location: Dale Ave and Broadway

Weather:

Clear and sunny. Warm Santa Ana winds

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: Se pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Stanton 66+75 to 67+00

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One backhoe cutting 30 in wide up to 7 ft deep gas pipeline trench. Top 4-5 feet are generally fill consisting of brown fine sandy silt. At the bell trenches (the lower 6-7 feet depth) they hit native medium and coarse grain sands.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

Additional Comments:

Attended morning tailgate at 7 am.

Plan for tomorrow:

Monitoring as needed on Monday

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/14/2019 9:06:24 AM

Project Location: Dale and Broadway Buena

Weather:

Cloudy to partly cloudy

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 70+50 to 72+15 and 67+00 to 67+80

Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Two backhoes excavating 30 inch wide, (upto) 10 foot deep gas pipeline trench. Top 5-7 feet are redeposited fill. After 7 feet native sands.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

Attended morning tailgate meeting.

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Project

Date: 10/14/2019 2:04 PM

Project Location: Anaheim

Weather:

Sunny and warm

Monitor(s): jmcelhoes

Work Start Time: 0700

Work End Time: 1530

Construction Company: Se pipeline Construction

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Stations 47+00 to 48+00

Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe and tandem-axle dump trucks

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Trenching for gas pipeline linear

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed in the alluvium. Took photos of trench and drew interpretive

Additional Comments:

Report written by Patrick Riseley

Plan for tomorrow:

Trenching continues from station 48+00.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: PLEASE DELETE

Date: 10/15/2019 9:16:26 AM

Project Location:

Weather:

Monitor(s): tredinger

Work Start Time:

Work End Time:

Construction Company:

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☐ No

Was the Safety Briefing Attended/Signed:

☐ Yes ☐ No

Project Description:

Scope of Construction Work Monitored/Equipment Used:

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

Additional Comments:

Plan for tomorrow:

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability center

Date: 10/15/2019 9:26:47 AM

Project Location: On Dale between Lincoln

Weather:

Sunny and cool in morning. Hot in afternoon

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast

Contact(s): Robert foreman

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale between Lincoln and Tyler (47+50 to 49+00)

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

After attending the daily tailboard I monitored excavation conducted by one backhoe between Tyler and Lincoln. They started at station 48+30. He pot holed there for a half hour to find crossing water and gas utilities until 11:00. The backhoe went to go help the pipe instillation crew and spent a hour cleaning out a previously excavated part of the trench around 46+50. At 1:15 the backhoe moved back up to 48+50 to begin trenching down to a maximum 7 ft depth. They headed southward until they stopped at the end of the day at 49+00.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The sediment below the fill layer is the light tan to white medium to fine sand that is massively bedded with some stratification near the 6 ft depth mark. The upper part of the unit transitions into the fill gradually and is difficult to tell how deep the fill goes.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Today I monitored with Jennifer McElhoes

Plan for tomorrow:

Finish the last 120 ft of trench before meeting with the HDD trench at Lincoln.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/15/2019 11:36:41 AM

10/15/2019 1:26:06 PM



East, start of digging potholing at 48+30. Looking for sewer gas and water.



South, overview crew trenching with backhoe at 48+50.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/15/2019 9:29:18 AM

Project Location: Dale and broadway/savoy

Weather:

Clear and sunny

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station #'s 67+80 to And 72+15

Scope of Construction Work Monitored/Equipment Used:

2 backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes excavating 30 inch wide (upto) 10 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/16/2019 9:10:45 AM

Project Location: On Dale between Tyler and

Weather:

Sunny and hot

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Robert foreman

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

After attending the tailboard at 7:00 I monitored the southeast crew using the backhoe at 48+50. At the start of the day the crew hand dug with the backhoe helping to find all of the utilities crossing at 48+50. A small crew used a pressurized air air cannon to dig a small trench b perpendicular from the trench 25 ft to an active electrical line so they could test the current at 44+90. The backhoe dug off and on until 3:00 at which time they stopped to start playing back up. They stopped at station 45+30.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Fill material went down to approximately 5 ft where the water pipe crossed the trench at 48+50. Below that the native sand continues to be the sugary white tan well sorted fine sand.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Monitored with Jen

Plan for tomorrow:

Continue moving south from where they left off today.

Attachments (Y/N): ☒ Yes ☐ No

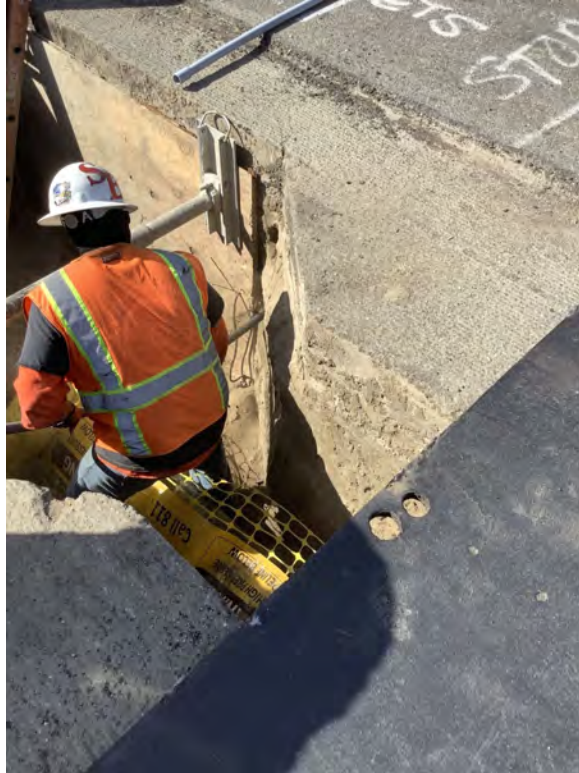
Photograph Record:

10/16/2019 9:24:23 AM

10/16/2019 10:36:53 AM



Southwest, crossing of water gas and sewage at 48+50



Testing crew using 2 inch pipe air cannon to create a small 3 inch wide trench at 2 ft depth perpendicular between trench and sidewalk 15 ft long for electrical test. (44+90)



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/16/2019 12:17:39 PM

Project Location: Dale Ave and savoy place

Weather:

Partly cloudy hot

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station #

Scope of Construction Work Monitored/Equipment Used:

2 backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoes trenching 30 inch wide and up-to 8 feet deep gas pipeline trench. Primarily in redeposited fill until about 7 ft deep, then native sands.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were found

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/17/2019 9:49:08 AM

Project Location: Dale Ave and Savoy place

Weather:
Partly cloudy

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station #'s 73+60- 73+65 and 74 +20-74+ 40 and 75+25 to 76+77

Scope of Construction Work Monitored/Equipment Used:

2 backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes digging 28 inch wide trench up to 7 ft deep

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No Paleontological resources were discovered

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Project

Date: 10/17/2019 1:06:39 PM

Project Location: Anaheim

Weather:

Pt cloudy with a breeze

Monitor(s): priseley

Work Start Time: 0700

Work End Time: 1530

Construction Company: S E Pipeline Construction

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Stations 49+40 to 50+90

Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe and tandem axle dump trucks

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Excavation of gas pipeline linear.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavation of trench between 5 and 7 feet deep in gray-brown to brown silty f to medium sand and fine to coarse gravelly sand. No fossils were observed In the excavation today 2 photographs were taken of representative Holocene alluvium.

Lithologic Description(s):

Observations of Paleontological Resources:

No fossils were observed today.

Additional Comments:

Plan for tomorrow:

Continued excavation

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Project

Date: 10/14/2019

Project Location: Anaheim

Weather:
Warm 80

Monitor(s): priseley

Work Start Time: 0700

Work End Time: 1530

Construction Company: S E Pipeline Construction

Contact(s): Alain Maier

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 47+00 to station 48+00

Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe and several tandem axle dump trucks

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Gas pipeline linear

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Tan to light gray-brown fine to medium with coarse sand from bottom elevation at 79 feet to 82 3/4 feet elevation. Pre-project moist silty fine to coarse sand with pebble fill between 82 3/4 and 86 feet. 1 foot of asphalt base and concrete between 86 and 87.1 feet

Lithologic Description(s):

Observations of Paleontological Resources:

No fossils were observed today

Additional Comments:

Plan for tomorrow:

Continued excavation of gas-pipeline linear from station 48+00

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Project

Date: 10/18/2019 10:04:14 AM

Project Location: Anaheim

Weather:

Pt-cloudy and cool

Monitor(s): priseley

Work Start Time: 0700

Work End Time: 3:30

Construction Company: S E Pipeline Construction

Contact(s): Alan Mevers

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 50+80 to 51+50

Scope of Construction Work Monitored/Equipment Used:

Merritt 65hp modular walk-behind concrete saw, caterpillar 420F backhoe, and tandem-axle dump trucks

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Excavation for gas-pipeline linear

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Both backfilled trenches and surrounding materials at less than 5.5 foot depth are of nearly identical and homogenous appearance with medium brown silty fine to medium with coarse distal floodplain deposits below a loose gray-tan cross laminated medium to granular sand at 5.5 to 6 foot deep. Total trench depth observed at 8.5 feet below approximately 87 feet elevation today. I have concluded that, apart from existing utility backfill, very little project fill exists below the 12 inch asphalt concrete near the surface.

Lithologic Description(s):

Observations of Paleontological Resources:

No fossils were observed.

Additional Comments:

N/A

Plan for tomorrow:

Continued excavation on Monday.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/18/2019 12:27:01 PM

Project Location: 501 Dale Ave Buena Park

Weather:

Clear, sunny and warm

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station # 76+70 to

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One backhoe excavating 28 inch wide and 7 ft deep gas pipeline trench

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Monitoring on monday

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/21/2019 3:01:05 PM

Project Location: Dale Ave Buena Park ca

Weather:

Clear, sunny and hot

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 77+10 to 78+50

Scope of Construction Work Monitored/Equipment Used:

Back hoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One backhoe cutting 28 inch wide upto 7 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Pako Solutions) Date: 10/21/2019

Project Name: Environmental Intelligence Project #
Stanton Energy Reliability Center
(SERC)

Project location (City, State): Stanton, CA Weather: Warm, clear skies

Work Start Time: 06:30 Work End Time: 16:00 Total Monitoring Hrs: 9.00

Construction Company: Edison On-site Contact: Bob Dixon (Edison)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: yes

Equipment Used:

450F CAT backhoe

Project Location and description:

East side of Barre Substation off El Cerrito Ave and Dale Ave

Scope of Construction work monitored (include methods):

Edison used 450F CAT backhoe to excavate and remove foundation bases, impacting $Qyfa$ in a total approximate area of 7ft long, 4ft wide, and 16ft deep.

Geologic Units and Lithology:

Fill: appears to be disturbed $Qyfa$; observed from surface to 3-4ft in depth. Quaternary Young alluvium ($Qyfa$; Holocene): dark brown, moderately sorted, moderately compacted, subangular-subrounded, medium-very fine grained sands, silts, and clays; observed from 3-4 ft below the surface to 16ft in depth.

Observation of Paleontological Resources

No paleontological resources observed or collected.
No Quaternary older alluvium observed during foundation removal.

Additional Comments:

None

Plan for Tomorrow:

Edison will resume foundation base removal.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

P191021-DMN-01: foundation removal excavations

P191021-DMN-02: foundation removal excavations

P191021-DMN-03: foundation removal excavations

P191021-DMN-04: foundation removal excavations cut



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/22/2019 9:23:05 AM

Project Location: 523 Dale Ave Buena Park

Weather:

Clear sunny and hot

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipelone

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station # 78+50 to 79+40

Scope of Construction Work Monitored/Equipment Used:

One backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One backhoe excavating 28 inch wide and upto 7 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Paleo Solutions) Date: 10/22/2019

Project Name: Environmental Intelligence Project #
Stanton Energy Reliability Center (SERC)

Project location (City, State): Stanton, CA Weather: Clear skies, hot

Work Start Time: 06:30 Work End Time: 15:15 Total Monitoring Hrs: 8.25 hrs

Construction Company: Edison On-site Contact: Bob Dixon
(Edison)

Did the (sub)contractors work more than 8 hrs? ☒ Y ☐ N

Safety Briefing Attended and Signed: Yes

Equipment Used:

450F CAT backhoe

Project Location and description:

East side of the Barre Substation off El Cerrito Ave and Dale Ave

Scope of Construction work monitored (include methods):

Edison used 450F CAT backhoe to excavate and remove the foundation bases, impacting fill and Qyfa in a total approximate area of 5 ft wide, 5 ft long, and 10 ft deep for both foundation bases.

Geologic Units and Lithology:

Fill: appears to be disturbed and backfilled Qyfa; impacted at the surface of excavations and about 3-4 ft deep.
Quaternary Young Alluvium (Qyfa; Holocene): dark brown, moderately sorted, moderately compacted, subangular-subrounded, medium - very fine grained sands, silts, and clays; impacted at 3-4 ft below the surface of excavations and about 10 ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected.
No Quaternary older alluvium was impacted during excavations.

Additional Comments:

None

Plan for Tomorrow:

Edison will be backfilling and pouring slurry
in preparation for drilling on Thursday.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

PA1022-DMN-01; foundation removal

PA1022-DMN-02; foundation removal excavations

PA1022-DMN-03; foundation removal excavations

PA1022-DMN-04; foundation removal excavations



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/23/2019 9:21:01 AM

Project Location: At the cross section of Dale

Weather:

Sunny and warm.

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale between orange avenue and west haven. (81+00 to 82+00

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today I attended the tailboard then moved down to where the three backhoes were digging south of Orange on Dale. The crew dug down to a maximum 7 ft and completed about 0 ft of trench by the end of the day .

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Sediment at 81+00 was majority fill material up to 6 for in ,ost places. Below that some of the softer sands could be seen but only in the last foot of excavation .

Lithologic Description(s):

Observations of Paleontological Resources:

No paleo sensitive material found.

Additional Comments:

Monitored with Jennifer Mcchelos

Plan for tomorrow:

Continue south form where hey left off at Dale and orange

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/23/2019 1:34:11 PM



South, crews finishing up at 82+00 for he end of the day.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/23/2019 12:11:02 PM

Project Location: Dale Ave and Orange Buena

Weather:

Clear , sunny and hot

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 79+40 to 79+60 and 83+20 to. And 83*85 to

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One backhoe excavating 28 in wide by up to 7 feet deep gas line trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton emery by reliability

Date: 10/24/2019 9:09:31 AM

Project Location: On Dale south of orange 82

Weather:

Sunny and winds up to 15 mp h.

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Steve. foreman

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale south of orange 82+00 to 83+50

Scope of Construction Work Monitored/Equipment Used:

Backhoe (1)

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today after the tailboard the crew with operator Steven continued excavating the trench down to a maximum 7 ft depth from 82+00 southward. The crew completed about 30 ft an hour. At 83+00 they hit the extra thick cement layer. This layer went down to 3 ft depth. Hey finished for the day at 83+50.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Sediment at 82+00 was dark silty mud and sand mixed up down to 6 ft depth. It was hard to determine if all of it was fill or if what we were seeing was topsoil as we got away from a fluvial system.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Teamed up with Jennifer M during monitoring.

Plan for tomorrow:

Continue moving south on Dale for trenching with 2 or 3 backhoes

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/25/2019 6:42:59 AM

10/25/2019 6:44:53 AM

10/25/2019 6:46:38 AM

North, starting point of trenching at 82+00. (Crew does not allow any photos of machine).

South, end of trenching for he day at 83+15 (crew does not allow photos of the machine or workers).

East, sidewall of trench at 22+50



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/24/2019 10:07:27 AM

Project Location: 621 Dale Ave, Buena Park

Weather:

Clear, sunny, windy and hot

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipe

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station # 83+40 to 84+40

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Paleo Solutions) Date: 10/24/2019

Project Name: Environmental Intelligence
Stanton Energy Reliability Center (SERC) Project #

Project location (City, State): Stanton, CA Weather: Clear skies, very warm/hot

Work Start Time: 06:30 Work End Time: 15:30 Total Monitoring Hrs: 8.5 hrs

Construction Company: Edison On-site Contact: Bob Dixon (Edison)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

1356 Deere rotary auger drill

Project Location and description:

East side of Barre Substation, off El Cerritos Ave and Dale Ave

Scope of Construction work monitored (include methods):

Edison used 1356 Deere rotary auger drill to drill new foundation bases, impacting fill and Ryfa in an area of 5 ft wide and 18 ft deep for all three foundation base drill holes.

Geologic Units and Lithology:

Fill: appears to be backfilled Ryfa and slurry; impacted at the surface of drilling to 16 ft deep for the first foundation base, and 10 ft deep for the second and third foundation bases.
Quaternary young alluvium (Ryfa; Holocene): dark brown, moderately compacted, moderately sorted, medium-very fine grained, subrounded sand, silt, and clay; impacted at approximately 16 ft deep for the first foundation base and 10 ft deep for the second and third foundation bases to 18 ft deep for all three drill holes.

Observation of Paleontological Resources

No paleontological resources were observed or collected.
No Quaternary older alluvium was impacted during foundation base drilling.

Additional Comments:

None

Plan for Tomorrow:

Edison will be pouring concrete and setting the foundations tomorrow. Excavations will resume on Monday.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

P191024-DMN-01: foundation base drilling
P191024-DMN-02: foundation base drilling



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/25/2019 6:54:19 AM

Project Location: Dale Ave Buena Park

Weather:

Clear sunny windy and hot

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station #83+30 to 84+ and 86+40 to 87+

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe cutting 28 inch wide and up to 7 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

Additional Comments:

Plan for tomorrow:

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/25/2019 9:22:31 AM

Project Location: On Dale, at

Weather:
Sunny and clear.

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast grading

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale, at STANDUSTRIAL for an HDD entrance

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

At the start of the day I went down with Natalie to monitor as the Steve crew dug down 14 ft by standustrial st. To start a HDD crew to go under a drainage that cut east west across Dale. They excavated an area about 12 ft long 6ft wide, and 15 ft deep. They then started cutting northward up the trench from the insertion point another 15 ft back. They finished at 1:30 at which time I went to the section of the site by orange ave and spot checked as they continued moving southward at 82+50 through 86+00.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

At the cross section of Dale and standustrial the sediment is this: top 3 ft appears to be silty sandy fill mixed with road building rocks and cement, below that the sediment transitioned slowly into native mixed silt and sand down to 5 ft depth, at 5.5 ft there is a distinct dark brown contact line with the lower unit. This darker contact is mostly clay with high organics. Below that the percentage of fine grained sand increases. At 7 ft it is silty sand while at the bottom at 15 ft it is mostly entirely fine sand. At 9 ft depth there is a two foot section that contains thin orange lines of

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Worked with Natalie today

Plan for tomorrow:

Finish up the insert point for HDD here, then move on to the exit point 40 for south of where we are digging now.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/25/2019 9:22:36 AM

10/25/2019 10:52:50 AM



North, start of excavation for starting point to HDD under storm drain at Dale and STANDUSTRIAL ST.



East, sidewall at station 144+00



Daily Monitoring Report - Paleontology

Project Name: Stanton electrical reliability

Date: 10/28/2019 10:06:09 AM

Project Location: On Dale at standustrial and

Weather:

Sunny but cool

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Robert Wasso

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale at standustrial and on westhaven

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

At the start of the day I went down with Natalie to monitor as the Steve crew continue dug down ton14 ft by standustrial st. To start a HDD crew to go under a drainage that cut east west across Dale. They excavated an area about 40 ft long 6ft wide, and 15 ft deep. They then started cutting northward up the trench from the insertion point another 15 ft back. After they stopped due to a lack of plates I moved up to the other two crews at 66+00 throggh 68 +50 down to a maximum 6 ft depth and monitored there for the rest of the day. They also were hand digging to

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

At the cross section of Dale and standustrial the sediment is this: top 3 ft appears to be silty sandy fill mixed with road building rocks and cement, below that the sediment transitioned slowly into native mixed silt and sand down to 5 ft depth, at 5.5 ft there is a distinct dark brown contact line with the lower unit. This darker contact is mostly clay with high organics. Below that the percentage of fie grained sand increases. At 7 ft it is silty sand while at the bottom at 15 ft it is mostly entirely fine sand. At 9 t depth there is a two foot section that contains thin orange lines of

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Monitored with Jen, and Natalie

Plan for tomorrow:

Continue digging south from westhaven with three backhoes

Attachments (Y/N):

☒ Yes ☐ No

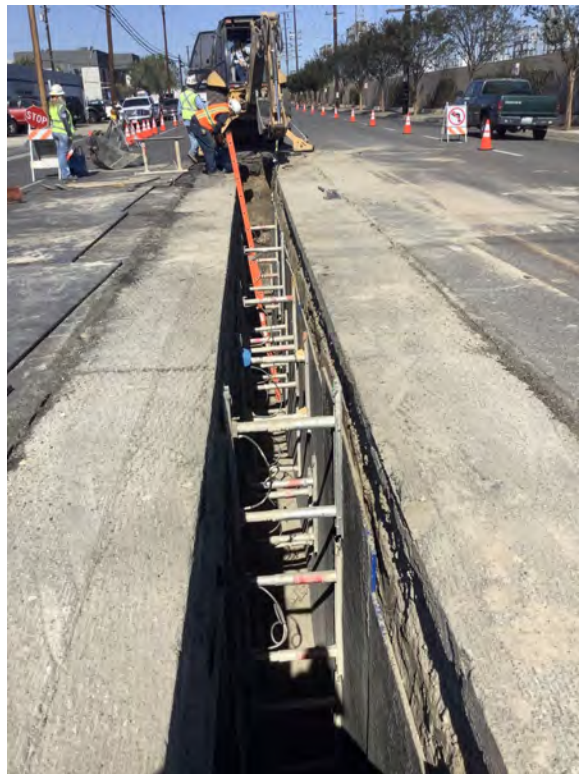
Photograph Record:

10/28/2019 10:08:15 AM

10/28/2019 12:49:41 PM



North, start of excavation for today at the standustrial st crossing for HDD.



North, finish boarhole at end l of day



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/28/2019 10:08:01 AM

Project Location: West haven and Dale Ave

Weather:

Clear and sunny

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Richard

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station #85+35 to 86+05

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. one backhoe cutting 28 inch wide and 7 ft deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Paleo Solutions) Date: 10/28/2019

Project Name: Environmental Intelligence
Stanton Energy Reliability
Center (SERC) Project #

Project location (City, State): Stanton, CA Weather: clear skies, warm

Work Start Time: 06:30 Work End Time: 14:30 Total Monitoring Hrs: 7.5 hrs

Construction Company: Edison On-site Contact: Bob Dixon (Edison)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

450F CAT backhoe

Project Location and description:

East side of the Barre Substation of El Cerrito Ave and Dale Ave.

Scope of Construction work monitored (include methods):

Edison used 450F CAT backhoe to excavate the pipeline trench and ins-and-out, impacting fill and Qyfa in a total area of 10ft long, 4-10ft wide, and 2-7ft deep.

Geologic Units and Lithology:

Fill: appears as disturbed and backfilled Qyfa; impacted at the surface of excavations to about 2ft deep.

Quaternary Young alluvium (Qyfa; Holocene): dark brown, moderately-well sorted, moderately compacted, subangular-subrounded medium-very fine sand, silt, and clay; impacted at approximately 2ft below the surface of excavations and to about 7ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected.

Quaternary older alluvium was not impacted during excavations.

Additional Comments:

None

Plan for Tomorrow:

Edison is planning to place pipe and pour tomorrow. No excavations are anticipated.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

PH1028-DMN-01: pipeline trenching

PH1028-DMN-02: pipeline trenching cut



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/29/2019 8:54:04 AM

Project Location: On Dale, between

Weather:

Cool, sunny. 60 degrees.

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Steve

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

On Dale, between westhaven and west bella qt. Station 88+00 through 89+50. Also just north of Lincoln.

Scope of Construction Work Monitored/Equipment Used:

Backhoe (3) and hand digging

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today 3 crews were working on the main trench between westhaven and Bella on Dale. This included 3 backhoes going down a maximum of 7 ft, and exploratory hand digging around utility crossing. Steve 1, Steve 2 and Danny were the operators. David (paleo west) monitored Danny's crew while I monitored the two steves. 87+00 to 89+50.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The sediment below the fill layer is the light tan to white medium to fine sand that is massively bedded with some stratification near the 6 ft depth mark. The upper part of the unit transitions into the fill gradually and is difficult to tell how deep the fill goes.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Monitored with Gloriella, and Jen.

Plan for tomorrow:

Continued excavation south from where they left off.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/29/2019 9:23:39 AM



North, Steve 2 crew start in at 89+20 at start of work day.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/29/2019 10:29:55 AM

Project Location: Dale and westhaven

Weather:

Clear and sunny

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station # 86+05 to 86+40 and 88+30 to 88+60 and 90+70 to 91+00

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One backhoe cutting 28 inch wide and up to 9 feet deep trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☒ Yes ☐ No

Photograph Record:

10/29/2019 10:37:31 AM



Bell hole at station # 86+15



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/30/2019 9:26:57 AM

Project Location: Dale Ave and stony brook

Weather:

Clear sunny very windy

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Alain

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station #91+00 to 93+15

Scope of Construction Work Monitored/Equipment Used:

Back hoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. One backhoe digging 28 inch wide and up to 3 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/30/2019 10:03:16 AM

Project Location: On Dale just south of

Weather:

Strong Santa Ana winds sunny.

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Steve

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

At Dale and standustrial

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today I monitored as the second Steve crew excavated the exit point for the HDD drill on the southern side of Standustrial and Dale. The cut area was approximately 10 by 15, by 15 depth. They finished the exit ditch at the end of the day.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

At the cross section of Dale and standustrial the sediment is this: top 3 ft appears to be silty sandy fill mixed with road building rocks and cement, below that the sediment transitioned slowly into native mixed silt and sand down to 5 ft depth, at 5.5 ft there is a distinct dark brown contact line with the lower unit. This darker contact is mostly clay with high organics. Below that the percentage of fine grained sand increases. At 7 ft it is silty sand while at the bottom at 15 ft it is mostly entirely fine sand. At 9 ft depth there is a two foot section that contains thin orange lines of

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Worked with Jen

Plan for tomorrow:

Finished here, trenching will continue up by Dale and orange with three machines,

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

10/30/2019 12:29:28 PM



South. Start of excavation for exit of HDD at plant



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 10/31/2019 10:42:46 AM

Project Location: Stonybrook and Dale Ave

Weather:

Clear and Sunny, breezy

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Alain

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station # 88+65 to 88+75 and 89+05 to 89+15 and 91+00 to 91+56 and 89+80 to 90+05

Scope of Construction Work Monitored/Equipment Used:

3 backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 10/31/2019 6:44:37 AM

Project Location: On Dale between stony

Weather:

Windy and cold.some smoke

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 11:00

Construction Company: Southeast pipeline

Contact(s): Alain Mever

Did the (sub)contractors work more than 8 hours (Y/N)?

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

At Dale and stony brook

Scope of Construction Work Monitored/Equipment Used:

Backhoe. (3)

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today I attended the tailboard at 7:00 and waited for them to start digging in Dale between stonybrooke and Rome. By 9:00 the smoke the night before had given me bad asthma so because we had David on site and the crews were pretty close together I decided to leave at 11:00 to rest.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

None (machines were not digging by the time I left.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Plan for tomorrow:

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Monitor: *Daniel Nolan*

Date: *10/31/2019*

Project Name: *Environmental Intelligence
Stanley Energy Reliability Center
LSERC*

Project #

Project location (City, State): *Stanley, CA*

Weather: *clear skies*

Work Start Time: *06:30*

Work End Time: *12:30*

Total Monitoring Hrs: *6 hrs*

Construction Company: *Edison*

On-site Contact: *Bob Dixon (Edison)*

Did the (sub)contractors work more than 8 hrs? (Y/N) *(N)*

Safety Briefing Attended and Signed: *Yes*

Equipment Used:

450F CAT backhoe

Project Location and description:

East Side of the Barre Substation off El Cerrito Ave and Dale Ave.

Scope of Construction work monitored (include methods):

Edison used 450F CAT backhoe to excavate the pipeline trench and in-and-outs, impacting Qyfa in a total area of 10 ft long, 4-10 ft wide, and 2 ft deep.

Geologic Units and Lithology:

Quaternary young alluvium (Qyfa; Holocene): brown-dark brown, moderately-well sorted, moderately compacted, subrounded-subangular, medium-very fine grained sands, silts, and clays; impacted at the surface of excavations and to about 2 ft deep.

Observation of Paleontological Resources

*No paleontological resources were observed or collected.
Quaternary older alluvium was not impacted during ground disturbance activities.*

Additional Comments:

None

Plan for Tomorrow:

No excavations are planned for tomorrow.
Excavations are currently expected for Saturday.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

PK1031-DMN-01: pipeline excavations

Attachment 8 – ELEC-1

Attachment 8 has been deliberately left blank in this reporting period

Attachment 9 – GEN-2 Master Drawing List

Attachment 9 has been deliberately left blank in this reporting period

Attachment 10 – GEN-3 CBO Payment

[Home](#) [Accounts](#) [Payments](#) [Transfers](#) [Check Services](#) [Tools](#)

Timeout: 0:13:04

View US Wire

Use this page to view a US Wire

[Help](#)[View Payment History](#)

Payment Information

Status	Confirmed
Confirmation Number	IMAD:1105L4B74B1C000069
Payment Number	50500701
Debit Account	SERC OP - *****6538
Debit Amount	150,418.55 USD
Value Date	11/05/2019
Send Date	11/05/2019
Frequency	One-Time Only
Reference for Recipient	138263
Details of Payment	Stanton Energy Reliability Center Project 550818-000002.00 Invoice 138263
Ordering Customer	

Recipient Information

Recipient	NV5 Inc. Account Number [REDACTED] 200 S Park Road STE 350 Hollywood, FL 33021-8798
Recipient Bank	BANK OF AMERICA, N.A., NY ABA (Wire) 026009593 NEW YORK NY UNITED STATES

Options

Intermediary Bank

Receiving Bank

Bank to Bank Information

[Cancel](#)

Attachment 11 – GEN-6 Special Inspectors

and expiration date for each certification held by that individual.

Ryan E Bordenkecher

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
05101101	Oct 2005	Oct 2020	Active	Certified Welding Inspector (CWI)	Without Correction/Not Color Blind	Oct 2017



* Certification number

05101101

* Last name

Bordenkecher

Go

Charles L
Griffin:A0109
7C00000166
7ED3B6E000
005E0F

Digitally signed by Charles L
Griffin:A01097C000001667
ED3B6E000005E0F
Reason: Deputy CBO
approved for structural
steel welding and bolting.
Date: 2019.10.15 10:46:57
-07'00'

Verified Candidate



Search Again

AAA

Customer Name:

George Cleveland

Account Number:

127810

Certifications:

Expires:

01/08/2021

01/08/2021

08/14/2022

Structural Masonry Special Inspector
Structural Steel & Welding Spec Insp -
Legacy
Reinforced Concrete Special Inspector
Legacy

Charles L
Griffin:A010
97C000001
667ED3B6E
000005E0F

Digitally signed by
Charles L
Griffin:A01097C0000
01667ED3B6E000005
E0F
Reason: Deputy CBO
approved for
structural steel
welding and bolting.
Date: 2019.10.15
11:06:32 -07'00'

Please enter a Certification number below, along with the last name of the individual to be verified. The certification number can be found on a wallet card or wall certificate provided by the individual. The search will return the certification number, name and expiration date for each certification held by that individual.

Dennis A Fitzgerald

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
06120311	Dec 2006	Dec 2021	Active	Certified Welding Inspector (CWI)	With Correction/Color Vision	Sep 2018



Charles L
Griffin:A01
097C0000
01667ED3
B6E000005
E0F

Digitally signed by
Charles L
Griffin:A01097C0000
01667ED3B6E00000
5E0F
Reason: Deputy CBO
approved for
structural steel
welding and bolting.
Date: 2019.10.15
11:25:55 -07'00'

* Certification number

06120311

* Last name

Fitzgerald

Go

AWS strongly suggests that the certification identity be verified with a government issued photo identification card, such as a driver's license.

Servando Garcia

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
02110391	Nov 2002	Nov 2020	Active	Certified Welding Inspector (CWI)	Without Correction/Not Color Blind	Oct 2017



* Certification number

02110391

* Last name

Garcia

Charles L
Griffin:A01097C
000001667ED3
B6E000005E0F

Digitally signed by Charles L
Griffin:A01097C000001667E
D3B6E000005E0F
Reason: Deputy CBO
approved for structural steel
welding and bolting.
Date: 2019.10.15 11:45:02
-07'00'

David M Gordon

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
04041591	Apr 2004	Apr 2022	Active	Certified Welding Inspector (CWI)	With Correction/Not Color Blind	Oct 2018



* Certification number

04041591

* Last name

gordon

Charles L
Griffin:A01097
C000001667E
D3B6E000005
E0F

Digitally signed by Charles L
Griffin:A01097C000001667E0F
Reason: Deputy CBO approved for structural steel welding and bolting.
Date: 2019.10.15 12:47:31 -07'00'

Paul A Grenda

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
08091181	Sep 2008	Sep 2020	Active	Certified Welding Inspector (CWI)	Without Correction/Not Color Blind	Aug 2017

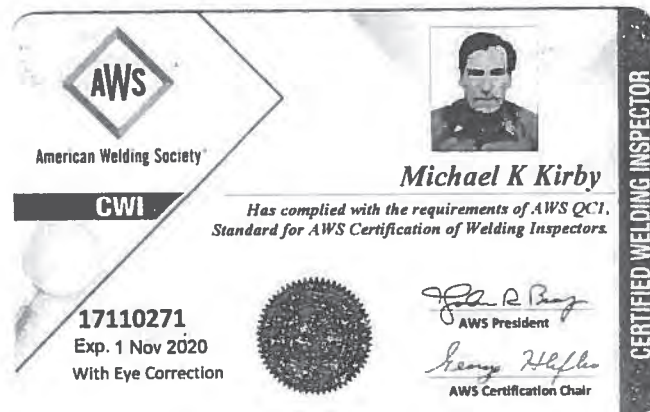


Charles L
Griffin:A010
97C000001
667ED3B6E
000005E0F

Digitally signed by Charles L
Griffin:A01097C000001667E
D3B6E00005E0F
Reason: Deputy CBO
approved for structural steel
welding and bolting.
Date: 2019.10.15 13:14:33
-0700

Charles L
Griffin:A010
97C000001
667ED3B6E
000005E0F

Digitally signed by
Charles L
Griffin:A01097C000001
667ED3B6E000005E0F
Reason: Deputy CBO
approved for structural
steel welding and
bolting.
Date: 2019.10.15
13:26:01 -07'00'



Isaac P McMann

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
14011441	Jan 2014	Jan 2023	Active	Certified Welding Inspector (CWI)	With Correction/Not Color Blind	Jun 2019



* Certification number

14011441

* Last name

McMann

Charles L
Griffin:A01097C
000001667ED3
B6E000005E0F

Digitally signed by Charles L
Griffin:A01097C000001667E
D3B6E000005E0F
Reason: Deputy CBO
approved for structural steel
welding and bolting.
Date: 2019.10.15 13:51:15
-07'00'

Verified Candidate



INTERNATIONAL
CODE
COUNCIL®





Michael Miller
verify.iccsafe.org/5256722

[Search Again](#)

Customer Name:

Michael Miller

Account Number:

5256722

Certifications:

Expires:

04/27/2020

12/09/2019

12/09/2019

12/09/2019

04/27/2020

Structural Welding Special Inspector

Structural Steel & Welding Spec Insp -
Legacy

Reinforced Concrete Special Inspector

Prestressed Concrete Special Inspector

Structural Steel and Bolting Special

Inspector

Charles L
Griffin:A0
1097C00
0001667
ED3B6E0
00005E0F

Digitally signed
by Charles L
Griffin:A01097C0
00001667ED3B6E
000005E0F
Reason: Deputy
CBO approved
for structural
steel welding
and bolting.
Date: 2019.10.15
14:18:57 -07'00'

AAA

Attachment 12 – Gen-7 Discrepancy

<Attachment 12 has been deliberately left blank in this reporting period>

Attachment 13 – GEN-8 Final Inspections

< Attachment 13 has been deliberately left blank in this reporting period >

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG

October 2019

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
	78810	0
10/1/2019	79300	490
10/2/2019	79880	580
10/3/2019	80400	520
10/4/2019	80600	200
10/7/2019	81150	550
10/8/2019	81620	470
10/9/2019	82140	520
10/10/2019	82720	580
10/11/2019	83580	860
10/14/2019	84180	600
10/15/2019	84620	440
10/16/2019	85050	430
10/17/2019	85520	470
10/18/2019	85940	420
10/21/2019	86480	540
10/22/2019	87290	810
10/23/2019	87560	270
10/24/2019	88390	830
10/25/2019	89110	720
10/28/2019	89670	560
10/29/2019	90110	440
10/30/2019	90850	740
10/31/2019	91310	460

Total		12500
-------	--	-------

Attachment 15 – SOIL&WATER-8 Encroachment Permit

< Attachment 15 has been deliberately left blank in this reporting period >

Attachment 16 – STRUC-1 CBO Approvals



GE Power

11330 Clay Road, Westway Plaza
Houston, TX 77041
T +1 832 954 0942

Mr. Alan Ho, SE
Senior Structural Engineer
NV5, Inc.
Email: Alan.Ho@nv5.com

October 15, 2019

RE: STRUC-1-32.0 CO2 Fire Protection Skids - PC1
CALCS_190513_EXPEDITE_PC1

Dear Mr. Ho:

I have received your comments dated May 23, 2019. Please find my response below.

1. S1 - Complied.
2. S2 - Complied.
3. S3 - Out of scope for GE. On the other hand, response modification factor of 2.5 may be used as a conservative estimate of overstrength factor in anchor bolt design.
4. S4 - There was an error in the original analysis report. The maximum shear per anchor is 1.0 kip under seismic load. Reactions under seismic load, wind load, live load and dead load are listed in different columns.
5. S5 - I certify that the analysis and design for Fire Protection (CO2) Skid complies with CBC2016, including but not limited to, load calculation, structure analysis, connection design etc.

If you have any questions, please feel free to contact me. Thank you for your assistance in this matter.



Yunyi Zou, PhD, PE (CA 81533)
Structural Engineer

SERC_16-AFC-01

--- REVIEWED ---

This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed
by Alan Ho
Reason:
Reviewed for
Code
Compliance.
Date: 2019.10.27
17:14:56 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: October 3, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Eric Rodriguez, S.E., Lead Engineer
NV5, Inc.
Eric.rodriquez@nv5.com
714.612.8977

CC: Kevin Wedman, CBO
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-39.0_PDM S. STRUC & CALCS_190920_PCF

MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

MEMORANDUM – DCBO APPROVAL

DATE: October 20, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-3.0_X1_FDN PLANS & CALCS_191006_PCF

MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC_16-AFC-01

--- REVIEWED ---

This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed by Alan Ho

Reason: Reviewed for Code Compliance for foundation only.

Date: 2019.10.20 21:13:08 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: October 21, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-40.0_CEMS ENCLOSURE_191010_PCF

MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC_16-AFC-01

--- REVIEWED ---

This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed by
Alan Ho

Reason: Reviewed for
Code Compliance.

Date: 2019.10.21

22:09:20 -07'00'

Attachment 17 – TRANS-1 Permits

TRANS-1 Roadway Use Permits and Regulations October 2019

1. Plenum Module Air Filter delivered on 9/30/19 – 10/6/19
 - State of California e19-090576
2. Plenum Module Air Filter delivered on 9/30/19 – 10/6/19
 - State of California e19-090676
3. Plenum Module Air Filter delivered on 9/30/19 – 10/6/19
 - State of California e19-091255
4. Generator delivered on 10/02/19 – 10/04/19
 - Los Angeles County 359512
5. Air Duct Module delivered on 9/27/19 – 10/03/19
 - State of California 275855 CT
6. Duct Module 8 delivered on 09/28/19 – 10/04/19
 - State of California e19-090184

Attachment 18 – Safety Inspection Report



SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT

OCTOBER 2019

The following information for the SERC Project safety inspection and compliance to the site as required by CEC, CBO and Wellhead in the month of October 2019.

We have been in compliance with all safety policies and procedures on the SERC project. Personnel have been participating in our Personal Safety Commitment observation program and stop work responsibility has been a big focus to our constantly changing safety culture. We have had Two First Aid Injuries to Two Individuals for our Sub-Contractor NewTron for a Slight Spranged Ankle and Lower Back Irritation. Both have been returned to full duty as of day of incident. No others to report and/or that have been reported to the SERC-ARB Safety Department for this period.

We have been processing a number of new Personnel for ARB, our Sub-Contractors and Inspection Personnel for Wellhead through the SERC WEAP Orientation and SERC Site specific Safety training. Parking passes for all craft workers will continue for established parking at the Bethel Church off of Dale Street and Admin passes for the Pacific St. parking lot. Parking there has been good and the effort has been closely monitored and coordinated.

We have had discussions on Working From Heights Safety, Safety Assessments-Congested Work Areas, Ladder, Platform & Scaffolding Safety, Taking Shortcuts & Being Complacent-Will Not End Well and Making Sure You Are fit For Duty as the topics in our all hands safety meetings for the month of October 2019. We have applied special emphasis on staying hydrated again and for the past couple of Months. We are also constantly emphasizing the use of spotters at all times especially around the overhead power lines due to the close proximity of these lines and the tightness of the project location. A lot of activity on the project with manlifts, forklift, overhead work and cranes. All Personnel have coordinated these activities very well and communications amongst the craft has been great. We continue to stress to all our Personnel to stay focused, keep aware of your surrounding and do not get complacent.

We have had the Two first aids to content with, but There has been no near misses, no recordables or loss time Injuries to report for this month.

Tim Draper,

ARB, Inc. Safety Manager,

SERC Project Safety

tdraper@prim.com

(949) 678-1643

Attachment 19 – CIVIL-3 Non-Compliance Reports

<Attachment 19 has been deliberately left blank in this reporting period>

Attachment 20 - COM-6 Filings & Permits to/by Government Agencies

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280441-11B
Date: Tuesday, September 24, 2019 7:17:21 AM

EXTERNAL EMAIL

EMLCFM 00263B USAS 09/24/19 07:17:19 A190280441-11B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.
This is an automatically generated confirmation of your DigAlert.

For your safety please excavate carefully around the marked utility lines.

For more information regarding DigAlert's web portals, mobile apps and text messaging, please visit www.digalert.org or text Services to DIGALT (344258).

This email comes from an automated program that is NOT MONITORED.
DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 11B Created: 09/24/19 07:16 User: DIRECT Chan: WEB

Work Start: 09/24/19 07:16 Legal Start: 09/24/19 07:16 Expires: 10/22/19 23:59

Response required: N Priority: 2

Excavator Information

Company: ARB, INC.
Co Addr: 26000 COMMERCE CENTRE DRIVE
City : LAKE FOREST State: CA Zip: 92630
Created By: NICHOLAS TASICH Language: ENGLISH
Office Phone: 949-598-9242 SMS/Cell:
Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ
Site Phone: 661-343-1481 Site SMS/Cell:
Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON
Zip:
Location: Address/Street: 10711 DALE AVE
: X/ST1: MONROE AVE
:
: AREA BOUNDED E/BY DALE AVE, S/BY APPROX 305FT N/OF N/INTER OF
MONROE
: AVE, W/BY APPROX 1397FT W/OF DALE AVE, N/BY APPROX 441FT N/OF
N/INTER
: OF MONROE AVE;

Delineated Method: WHITEPAINT

Work Type: INSTALL UGRND UTIL, BRIDGE WORK, WALL WORK
Work For : WELLHEAD ELECTRIC
Permit: 16-AFC-01 Job/Work order:
1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.807366/-117.989592 33.807418/-117.984107
: 33.806196/-117.989581 33.806248/-117.984096
Excavator Provided: 33.806648/-117.984594 33.807001/-117.984598
: 33.806951/-117.989093 33.806613/-117.989092

Map link:

https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=4Ax05r5xw4r4m1x-q

Comments:

****RESEND**UPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]**
****RESEND**REQUEST REMARKS FROM ALL-WORK CONT W/SIDE TO APPROX 100FT W/OF THE**

W/SIDE OF DALE AVE (TO FENCE LINE) FRM APPROX 305 N/OF THE N/INTER OF MONROE AVE
N/TO APPROX 441FT N/OF MONROE AVE. PER NICK TASICH--[JLL 02/15/2019 10:38:02 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[WEBUBW 03/14/19 13:21]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[WEBUBW 04/10/19 07:48]
RENEW TICKET WORK CONTINUING PER JOSH KRAHL--[DIRECT 05/02/2019 08:52 AM]
RENEW TICKET WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 05/20/2019 01:16 PM]
RENEW TICKET WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20 PM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/28/2019 10:40 AM]
RENEW TICKET WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 09/24/2019 07:16 AM]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM DAMAGE ONLY	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB TCC		800-655-8844

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Note!: This email originated from outside our organization. Be cautious when opening Links and Attachments that you were not expecting.

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280441-12B
Date: Monday, October 21, 2019 9:21:36 AM

EXTERNAL EMAIL

EMLCFM 01532B USAS 10/21/19 09:21:28 A190280441-12B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.
This is an automatically generated confirmation of your DigAlert.

For your safety please excavate carefully around the marked utility lines.

For more information regarding DigAlert's web portals, mobile apps and text messaging, please visit www.digalert.org or text Services to DIGALT (344258).

This email comes from an automated program that is NOT MONITORED.
DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 12B Created: 10/21/19 09:20 User: DIRECT Chan: WEB

Work Start: 10/21/19 09:20 Legal Start: 10/21/19 09:20 Expires: 11/18/19 23:59

Response required: N Priority: 2

Excavator Information

Company: ARB, INC.
Co Addr: 26000 COMMERCE CENTRE DRIVE
City : LAKE FOREST State: CA Zip: 92630
Created By: NICHOLAS TASICH Language: ENGLISH
Office Phone: 949-598-9242 SMS/Cell:
Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ
Site Phone: 661-343-1481 Site SMS/Cell:
Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON
Zip:
Location: Address/Street: 10711 DALE AVE
: X/ST1: MONROE AVE
:
: AREA BOUNDED E/BY DALE AVE, S/BY APPROX 305FT N/OF N/INTER OF
MONROE
: AVE, W/BY APPROX 1397FT W/OF DALE AVE, N/BY APPROX 441FT N/OF
N/INTER
: OF MONROE AVE;

Delineated Method: WHITEPAINT

Work Type: INSTALL UGRND UTIL, BRIDGE WORK, WALL WORK
Work For : WELLHEAD ELECTRIC
Permit: 16-AFC-01 Job/Work order:
1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.807366/-117.989592 33.807418/-117.984107
: 33.806196/-117.989581 33.806248/-117.984096
Excavator Provided: 33.806648/-117.984594 33.807001/-117.984598
: 33.806951/-117.989093 33.806613/-117.989092

Map link:

https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=7A0vBpCq1z7k0q2-h

Comments:

****RESEND**UPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]**
****RESEND**REQUEST REMARKS FROM ALL-WORK CONT W/SIDE TO APPROX 100FT W/OF THE**

W/SIDE OF DALE AVE (TO FENCE LINE) FRM APPROX 305 N/OF THE N/INTER OF MONROE AVE
 N/TO APPROX 441FT N/OF MONROE AVE. PER NICK TASICH--[JLL 02/15/2019 10:38:02 AM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[WEBUBW 03/14/19 13:21]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[WEBUBW 04/10/19 07:48]
 RENEW TICKET WORK CONTINUING PER JOSH KRAHL--[DIRECT 05/02/2019 08:52 AM]
 RENEW TICKET WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 05/20/2019 01:16 PM]
 RENEW TICKET WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20 PM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50 AM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37 AM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/28/2019 10:40 AM]
 RENEW TICKET WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 09/24/2019 07:16 AM]
 RENEW TICKET WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 10/21/2019 09:20 AM]

Members:

ATTD SOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM DAMAGE ONLY	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB TCC		800-655-8844

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From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280541-11B
Date: Tuesday, October 8, 2019 7:47:24 AM

EXTERNAL EMAIL

EMLCFM 00251B USAS 10/08/19 07:47:33 A190280541-11B RNEW NORM POLY LREQ

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This is not a certified copy of the ticket.

Ticket: A190280541 Rev: 11B Created: 10/08/19 07:47 User: DIRECT Chan: WEB

Work Start: 10/08/19 07:47 Legal Start: 10/08/19 07:47 Expires: 11/05/19 23:59

Response required: N Priority: 2

Excavator Information

Company: ARB, INC
Co Addr: 26000 COMMERCE CENTRE DRIVE
City : LAKE FOREST State: CA Zip: 92630
Created By: NICK TASICH Language: ENGLISH
Office Phone: 310-874-9612 SMS/Cell: 310-874-9612
Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ
Site Phone: 661-343-1481 Site SMS/Cell:
Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON
Zip:
Location: Address/Street: 10711 DALE AVE
: X/ST1: STANDUSTRIAL ST
:
: IN REAR OF ADDRESS
: ** CALL WITH ETA **

Delineated Method: WHITEPAINT

Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION

Work For : WELLHEAD ELECTRIC

Permit: 16-AFC-01

Job/Work order:

1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017
: 33.806210/-117.984990 33.806217/-117.984002

Excavator Provided:

Map link:

https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=4Bw13t24p7olp4u-t

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:14]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:18]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58 AM]

RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57 AM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 06/24/2019 06:53 AM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 07/19/2019 07:55 AM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48 AM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 09/10/2019 02:55 PM]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 10/08/2019 07:47 AM]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM DAMAGE ONLY	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB TCC		800-655-8844

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From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280543-11B
Date: Tuesday, October 8, 2019 7:47:26 AM

EXTERNAL EMAIL

EMLCFM 00252B USAS 10/08/19 07:47:35 A190280543-11B RNEW NORM POLY LREQ

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Ticket: A190280543 Rev: 11B Created: 10/08/19 07:47 User: DIRECT Chan: WEB

Work Start: 10/08/19 07:47 Legal Start: 10/08/19 07:47 Expires: 11/05/19 23:59

Response required: N Priority: 2

Excavator Information

Company: BILL'S BACKHOE
Co Addr: 13203 BARLIN AVE
City : DOWNEY State: CA Zip: 90242
Created By: NICK TASICH Language: ENGLISH
Office Phone: 310-874-9612 SMS/Cell: 310-874-9612
Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ
Site Phone: 661-343-1481 Site SMS/Cell:
Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON
Zip:
Location: Address/Street: 10711 DALE AVE
: X/ST1: STANDUSTRIAL ST
:
: IN REAR OF ADDRESS
: ** CALL WITH ETA **

Delineated Method: WHITEPAINT

Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION

Work For : WELLHEAD ELECTRIC

Permit: 16-AFC-01

Job/Work order:

1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017
: 33.806210/-117.984990 33.806217/-117.984002

Excavator Provided:

Map link:

https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=CBDMGgHp6nAf9gE-V

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28]
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RENEW TICKET WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58 AM]

RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 06/24/2019 06:53 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 07/19/2019 07:55 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 09/10/2019 02:55 PM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 10/08/2019 07:47 AM]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM DAMAGE ONLY	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB TCC		800-655-8844

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From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280551-11B
Date: Tuesday, October 8, 2019 7:47:28 AM

EXTERNAL EMAIL

EMLCFM 00253B USAS 10/08/19 07:47:37 A190280551-11B RNEW NORM POLY LREQ

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Ticket: A190280551 Rev: 11B Created: 10/08/19 07:47 User: DIRECT Chan: WEB

Work Start: 10/08/19 07:47 Legal Start: 10/08/19 07:47 Expires: 11/05/19 23:59

Response required: N Priority: 2

Excavator Information

Company: ORTIZ ENTERPRISE INC

Co Addr: 6 CUSHING #200

City : LAKE FOREST

State: CA Zip: 92618

Created By: NICK TASICH

Language: ENGLISH

Office Phone: 310-874-9612

SMS/Cell: 310-874-9612

Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ

Site Phone: 661-343-1481

Site SMS/Cell:

Site Email:

Excavation Area

State: CA County: ORANGE

Place: STANTON

Zip:

Location: Address/Street: 10711 DALE AVE

: X/ST1: STANDUSTRIAL ST

:

: IN REAR OF ADDRESS

: ** CALL WITH ETA **

Delineated Method: WHITEPAINT

Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION

Work For : WELLHEAD ELECTRIC

Permit: 16-AFC-01

Job/Work order:

1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017

: 33.806210/-117.984990 33.806217/-117.984002

Excavator Provided:

Map link:

https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=CBDMGgHp6n7k01D-a

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28]
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RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 10/08/2019 07:47 AM]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM DAMAGE ONLY	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB TCC		800-655-8844

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Attachment 21 - COM-11 Reporting of Complaints, Notices, and Citations

SERC
COMPLAINT REPORT AND RESOLUTION LOG

Incident #	Incidents Occurred this Period	Resolution Actions Taken	Status of Unresolved Actions form Previous MCR's
01	Complaint about Track-out on Dale Ave.	<p>All construction equipment vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering Dale Ave.</p> <ol style="list-style-type: none"> 1. Additional gravel was added to the existing ramps at the tire washing/cleaning station 2. Additional laborers were assigned to the Dale Ave entrance when there is a risk of any track-out to scrape and sweep immediately. A Sweeping machine is being kept on location and be used as necessary to clean up all track-out. 3. The assigned laborers will also be sweeping the rumble plates when build-up occurs to maintain the efficiency of the plates. 4. Above and beyond, the contractor added another set of rumble plates and gravel at the Dale Ave. entrance. 	N/A
02	Noise Complaint	<p>SERC received a noise complaint at 9:33am on Friday, April 5, 2019. The complaint came from a Mr. Hill who lives at the Katella Mobile Home Estates located at 10800 Dale Ave, Stanton, CA. Mr. Hill complained about the use of a chainsaw at 3:10 am on Saturday morning (3/30/19) and hearing an air compressor and the hammering of nails at 3:25 am on Monday morning (4/1/19). Representatives from SERC spoke with Mr. Hill at 2:19pm on Friday April 5th to better understand his complaint.</p> <p>SERC investigated the incident with ARB and confirmed that there was no activity on the SERC site during these hours. The Noise Complaint Resolution Form (COC NOISE 2) was submitted to the CPM documenting the complaint.</p>	

Attachment 22 – MECH-1 CBO Inspection Approvals

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_13.8KV Switchgear FND_20191016

DATE / TIME: 10/16/2019 @ 1:30 pm INSPECTOR: Ed Puccetti

☒ APPROVED

☐ AT RISK

☐ DISAPPROVED

☐ PHASE PASS

☐ REINSPECTION REQUIRED

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.10.17
14:04:50 -07'00'

DATE: 10/16/2019

COMMENTS:

No exceptions taken

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Catch Basin Weir CB-9_20191016

DATE / TIME: 10/16/2019 @ 1:30 pm **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **AT RISK**

☐ **DISAPPROVED**

☐ **PHASE PASS**

☐ **REINSPECTION REQUIRED**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.10.17
14:12:07 -07'00'

DATE: 10/16/2019

COMMENTS:

No exceptions taken

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Concrete Pavement_20191016

DATE / TIME: 10/16/2019 @ 1:30 pm INSPECTOR: Ed Puccetti

☒ APPROVED

☐ AT RISK

☐ DISAPPROVED

☐ PHASE PASS

☐ REINSPECTION REQUIRED

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.10.17
14:17:12 -07'00'

DATE: 10/16/2019

COMMENTS:

No exceptions taken

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_ERU Purge & Tempering Air Blower FND_20191023

DATE / TIME: 10/23/19 1:30 pm **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☐ **PHASE PASS**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.10.25
06:53:39 -07'00'

DATE: 10/25/19

COMMENTS:

Approved with no exceptions taken

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Foundation Expansion RFI 239_20191023

DATE / TIME: 10/24/19 10:00 am **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☐ **PHASE PASS**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.10.25
06:49:32 -07'00'

DATE: 10/25/19

COMMENTS:

RFI approved:
Approved no exceptions taken

MEMORANDUM – DCBO CONDITIONAL APPROVAL

DATE: October 15, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Jason Miller, P.E., Senior Mechanical Engineer
NV5, Inc.
jason.miller@nv5.com
909.802.4411

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_MECH-2-1.0_PRESSURE VESSEL EVAL_9.25.19_190927_PCF

MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal for compliance with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

This package has been given a Conditional Approval. Final CBO approval is conditioned upon satisfaction of the following:

1. Submit for CBO review and approval an “APPLICATION FOR ALTERNATIVE MATERIALS, DESIGN, AND METHODS OF CONSTRUCTION AND EQUIPMENT”, which itemizes all of the proposed pressure vessels that were designed and constructed to the 2009 ASME BPVC-VIII. The application must also certify that the subject vessels still comply with the 2017 edition of the ASME BPVC-VIII. Certification may be achieved through appending a copy of the EOR (POWER Engineer’s) “MECH-2 Pressure Vessel Evaluation” letter dated September 25, 2019.

Should you have any questions or need additional information, please feel free to contact me.

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Site Area Paving @ CTG #1 Area_20191030

DATE / TIME: 10/30/2019 @ 1:30 pm **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☐ **PHASE PASS**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.10.31
12:23:16 -07'00'

DATE: 10/31/2019

COMMENTS:

Approved with no exceptions taken

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Site Area Paving CTG #2 Area_20191028

DATE / TIME: 10/23/2019 @ 1:30 pm **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☐ **PHASE PASS**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.10.31
12:08:14 -07'00'

DATE: 10/31/2019

COMMENTS:

Approved no exceptions taken

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Turbine removal FND_20191016

DATE / TIME: 10/16/2019 INSPECTOR: Ed Puccetti

☒ APPROVED

☐ AT RISK

☐ DISAPPROVED

☐ PHASE PASS

☐ REINSPECTION REQUIRED

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.10.17
14:20:30 -07'00'

DATE: 10/16/2019

COMMENTS:

No exceptions taken

End Report