

DOCKETED

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Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 10
Reporting Period: November 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC)
Submitted December 15, 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	February, 2020
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	January 2020
Synchronization with Grid and Interconnection	March 2, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	August 2019
Complete Gas Pipeline Construction	January 2020
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: November 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).

November has been another productive month for setting equipment and erection on Parcel 1. Erection work has focused on installing Unit 1 Combustion Turbine (CT), Emission Reduction Unit (ERU) module erection and setting miscellaneous equipment around Unit 1. Switchyard erection by Newton's crew is complete and on schedule.

During October 2019, the general contractor awarded the Startup and Commissioning activity to Universal Energy (UEI). On November 21, 2019 a commissioning kick-off meeting was held.

SERC is working with the City of Stanton and Power Engineering on a design for the sewer interconnection. On November 4, 2019 the encroachment permit for sewer interconnection was issued by the City of Stanton.

As of 12/2/2019, 11,350 feet of the natural gas line pipe has been installed. In-service date is anticipated mid-February 2020. Gas in-service date expected by mid-February 2020.

Barre substation construction activities are in progress and scheduled to complete in January 2020. Gen-tie construction on SCE property and pulling of conductors is in progress and scheduled to complete in January 2020. In-service testing is scheduled for early February 2020. SCE anticipates beginning work in SERC's Skip Substation by January 6, 2020. Estimated back feed into Skip Substation is forecast to begin February 7, 2020.

Battery Energy Storage System (BESS) construction has not yet commenced. 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 November 2019.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	82%
BESS Design	70%

Procurement	
Owner Supplied Equipment	100%
Contractor Supplied Equipment	93%
Construction	
Power Island	65%
BESS	1%

1.1 Engineering

Through the month of November 2019, Power Engineers evaluated the following: ARB change order for surfacing and grading; request for welding to EGT structural steel; stack sheeting plan. Jarod Miller submitted updated hydrology calculations in November. Power Engineers completed and issued the following: 15-kV switchgear relay settings; 480V MCC main breaker LSI settings and 480V electronic overload settings; relay settings report. Power Engineers updated and issued ER001-001 per SCE easement package and SERC comments for DCBO review package. For the supervisory control system, Power Engineers continued with the development of logic for the interface to the gas turbine (load control) and to the hybrid control system and received an example of the Prosoft card speed logic.

For the BESS system, in November, Power Engineers received direction from SERC to tie-in to plant supervisory control system at the water treatment network switch. Power Engineers submitted to platform supplier additional design information regarding parapet, gutters, lighting and lightning air terminal strategy, for incorporation into platform calculations. Jarod Miller provided an updated hydrology report on the west parcel and Power Engineers commenced modifications to all civil drawings impacted by the updates.

November site visits included a visit to prepare the DCBO required site report, a visit by the electrical engineer to resolve questions with the contractor, and a visit to discuss detailed electrical issues with GE documentation. A BESS coordination meeting was held with SERC at Power Engineers offices.

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

- Continued coordination with SERC staff to finalize terminations for: communications circuits; GE wiring schemes and interpretation of GE drawings for contractor; fire system.
- Submitted final wiring terminations – Parts 5 and 6.
- Continued working on wiring terminations and final cable types for special systems – Part 7.
- Received “gas tops” system location information for use in preparing a descope electrical list for west parcel.
- Coordinated with GE to add another panelboard for area lighting and convenience receptacles.
- Coordinated BESS foundation calculated settlement and bearing pressures with geotechnical engineer.
- Reviewed application for alternative materials requested by SREC.

- Coordinated with building supplier on structural design of overhead platform, exchanging load and foundation information specifics.
- Received new or updated drawings from GE to include: one-line drawing; control system architecture diagram; cable summary; UPS calculations for structural analysis; HPSU calculations package; lightning protection.
- Continued to receive contractor request for information and respond.
- 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) is currently 100% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 93% complete. Major procurement activities completed by construction contractor in November did not change during this reporting period however the following items were received:

- Received Unit 1 and Unit 2 Power Block Enclosures

1.3 Construction

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

- Continued to erect Parcel 1 equipment with the 999 Crane and demobilized crane
- Continued work on minor foundations at ERU1, ERU2, and CT1 Completed erection of ERU#1 Modules and Stack

-

Safety:

The month of November was completed with no 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 16,542 man-hours without a lost time or recordable incident. To date, the project has worked 116,594 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:

- Excavation and backfill for miscellaneous foundations at Unit 2 and 1 Parcel 1
- Continued installation of Storm Drain along South and North roads on Parcel 1
- Working on Site Paving

Piping:

- Continued installation of Aboveground (AG) pipe at Unit 1 and Unit 2 areas

- Completed pipe installation in the Water Treatment area
- Structural:
- Completed Unit 2 ERU Aux Foundations
 - Erected miscellaneous platforms and grating
 - Started erection of Power Block Enclosure for Unit 2
- Electrical:
- Continued receipt of Cable on site
 - Installed AG conduit on equipment as it is being set
 - Grounding of AG Equipment and structures
 - Completed Switchyard Structure Erection
 - Continued to pull cable at Unit 2

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion has been forecasted from February 28, 2020 to March 1, 2020 as shown in the November 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-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 AQCM'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 AQCM'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 AQCM'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-5: During the reporting period 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. 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 was one proposed change to the drainage structures and the grading that was approved by the CBO on October 16. The written statement certifying that the documents have been approved by the CBO are provided in Attachment 5. There were no other proposed changes to 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 docketed on November 6, 2019.

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-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 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. 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: The cultural resource discoveries made on October 16, 2019 were cleared by the CEC staff on November 25, 2019 .

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 three (3) approvals by the DCBO as indicated in Attachment 8.

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 and Unit 2, 13.8 kV Switchgear

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 no 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).

MECH-1: There were eight (8) 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-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 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. 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 8,490 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.

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 two (2) deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified in Attachment 17. The contractor has been notified to deliver these permits.

Additionally, we received four permits for items delivered from the month September that are included 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.

TRANS-4: During the reporting period project owner's general contractor applied for and received encroachment permits Pacific St and Dale Ave

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 and Unit 2, 13.8 kV Switchgear

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

WASTE-4: During this reporting period four (4) forty-yard bins of construction waste left the site, one (1) forty-yard waste metal bin and one (1) 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 November 2019.

Attachment 1 – COM-6 Project Schedule

SERC Baseline Project Master Schedule (w/ARB Nov Sched) CEC/SCE			WBS Summary					10-Dec-19 15:34																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
38	Effective Date of Turbine Supply Contract	0	100%		22-Feb-18 A		0																								
39	Engineering Received from Manufacturer	45	100%	22-Feb-18 A	11-May-18 A		0																								
40	Order of Long Lead Time Items	0	100%	23-May-18 A			0																								
41	FNTP	0	100%	23-Aug-18 A			0																								
43	Receipt of Notice of Ready to Ship (RTS)	0	100%		11-Apr-19 A		0																								
44	Delivery Per FCA(Goods Actually Ready For Shipment)	0	100%		21-May-19 A		0																								
42	Manufacturer Time (FNTP-Delivery)	169	100%	23-Aug-18 A	21-May-19 A		0																								
A1000	Transportation From FCA Delivery Point To Site	40	100%	21-May-19 A	01-Aug-19 A		0																								
Emissions Reduction Unit (ERU)		356	100%	08-Feb-18 A	16-Nov-19 A		-1																								
47	Effective Date of the ERU Supply Contract	0	100%		08-Feb-18 A		0																								
57	Selection of Nox & CO Catalyst	0	100%		01-Jun-18 A		0																								
62	Engineering Received from Manufacturer	0	100%		05-Jul-18 A		0																								
56	Engineering Received from Manufacturer	0	100%		13-Jul-18 A		0																								
61	Approval of Engineering	0	100%		19-Jul-18 A		0																								
55	Approval of Engineering	0	100%		27-Jul-18 A		0																								
54	Release for Fabrication of Nox & CO Catalyst	0	100%		13-Aug-18 A		0																								
53	Delivery of instalation proceedures	0	100%		24-Aug-18 A		0																								
60	Engineering Received from Manufacturer	0	100%		30-Aug-18 A		0																								
52	Delivery of maintenance proceedures	0	100%		07-Sep-18 A		0																								
59	Approval of Engineering	0	100%		13-Sep-18 A		0																								
58	FNTP	0	100%	12-Oct-18 A			0																								
A1010	Fabrication Drawings	4	100%	12-Oct-18 A	01-Feb-19 A		0																								
A1020	SERC Review Fabrication Drawings	4	100%	01-Feb-19 A	15-Feb-19 A		0																								
51	Manufacturer Time (FNTP-Delivery)	123	100%	15-Feb-19 A	18-Jun-19 A		0																								
49	NOx & CO Modules	0	100%		14-Oct-19 A		0																								
50	Delivery/Goods Received (Duct, Stack, Silencer)	59	100%	01-Jul-19 A	25-Oct-19 A		0																								
A1030	Transportation Of ERU Materials	4	100%	01-Jul-19 A	16-Nov-19 A		-1																								
Generator Step-Up Transformer (GSU)		194	100%	29-Jun-18 A	31-May-19 A		0																								
64	LNTP/PO Date	0	100%		29-Jun-18 A		0																								
66	FNTP	0	100%	20-Sep-18 A			0																								
65	Engineering Received from Manufacturer	56	100%	29-Jun-18 A	20-Sep-18 A		0																								
67	Manufacturer Time (FNTP-Delivery)	162	100%	20-Sep-18 A	28-Feb-19 A		0																								
69	Delivery/Goods Received At Site	0	100%		31-May-19 A		0																								
Vehicle Bridge		47	100%	01-Nov-18 A	22-Mar-19 A		0																								
71	LNTP/PO Date	0	100%	01-Nov-18 A			0																								
73	FNTP	0	100%		07-Jan-19 A		0																								
72	Engineering Received from Manufacturer	32	100%	02-Nov-18 A	07-Jan-19 A		0																								
74	Manufacturer Time (FNTP-Delivery)	24	100%	08-Jan-19 A	28-Feb-19 A		0																								

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

◆

 Milestone

◆

 Milestone

Page 2 of 10

TASK filter: Not Level Of Effort.

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SERC Baseline Project Master Schedule (w/ARB Nov Sched) CEC/SCE			WBS Summary					10-Dec-19 15:34																							
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020												2021											
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
75	Delivery/Goods Received	0	100%		22-Mar-19 A		0																								
Balance Of Plant OSE		119	100%	01-Jul-18 A	01-Apr-19 A		0																								
78	Place BOP OSE Purchase Orders	180	100%	01-Jul-18 A	28-Dec-18 A		0																								
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 Turned 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		541	34.45%	19-Dec-18 A	30-Aug-21	0	22																								
CBO Activity		217	70.48%	19-Dec-18 A	25-Mar-20	291	0																								
99	CBO Kick off Meeting	0	100%		19-Dec-18 A		0																								
98	CBO Contract Execution	0	100%	19-Dec-18 A			0																								
CBO performance of duties		217	70.48%	26-Dec-18 A	25-Mar-20	291	0																								
101	Review and approve Pre-construction submittal	1	100%	26-Dec-18 A	27-Dec-18 A		0																								
103	Perform Plan Check of Submittals	148	100%	27-Dec-18 A	04-Nov-19 A		0																								
102	Inspector On Site	390	70.51%	04-Feb-19 A	25-Mar-20	523	0																								
CEC Compliance R1		617	20.73%	20-Jul-19 A	30-Aug-21	0	31																								
Air Quality		433	13.47%	31-Oct-19 A	20-May-21	82	-1																								
AQ-1010	AQ-D1b - Initial Source Test	0	100%	31-Oct-19 A			0																								
AQ-1015	AQ-D1b - Initial Source Test	0	0%	06-Feb-20		457	-1																								
AQ-1020	AQ-D2 - Operations Source Test	0	0%	04-May-20		387	-1																								
AQ-1170	AQ-K1 - Source Test Results	0	0%	10-Jun-20		357	-1																								
AQ-1100	AQ-D5 - CEMS for NOx	0	0%	10-Jun-20		357	-1																								
AQ-1080	AQ-D4 - CEMS for CO	0	0%	10-Jun-20		357	-1																								
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0	0%	01-Oct-20		267	-1																								
AQ-1000	AQ-D1a - Initial Source Test	0	0%	01-Oct-20		267	-1																								

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

◆

 Milestone

◆

 Milestone

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SERC Baseline Project Master Schedule (w/ARB Nov Sched) CEC/SCE				WBS Summary				10-Dec-19 15:34																											
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020														2021													
								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			
	NOI-1010	NOISE-4a - Operational Noise Survey	0	0%	04-Apr-20		395	4																											
	NOI-1020	NOISE-4b - Noise Survey Summary Report	0	0%	23-Apr-20		395	4																											
	Paleo		60	0%	13-Aug-20	27-Oct-20	245	4																											
	PAL-1000	PAL-7 - Paleontological Resources Report	0	0%	13-Aug-20		245	4																											
	PAL-1010	PAL-8 - Curation Entity/Curation Fees	0	0%	27-Oct-20		245	4																											
	Structural		0	0%	05-Nov-19 A	05-Nov-19 A		-2																											
	STR-1010	STRUC-4a - Tank and HazMat Vessel Design	0	100%	05-Nov-19 A			-2																											
	Transmission		0	0%	27-Dec-19	27-Dec-19	489	0																											
	TLSN-1010	TLSN-2 - Metallic Objects Grounded	0	0%	27-Dec-19		489	0																											
	Transportation		0	0%	12-Nov-20	12-Nov-20	233	0																											
	TNP-1000	TRANS-4b - Copies of Permits	0	0%	12-Nov-20		233	0																											
	Switchyard		458	0%	04-Feb-20	30-Aug-21	0	31																											
	TSE-1060	TSE-4b - Notice to CAISO	0	0%	04-Feb-20		458	0																											
	TSE-1050	TSE-4a - Notice to CAISO	0	0%	11-Feb-20		452	0																											
	TSE-1090	TSE-5d - As-Built Drawings	0	0%	18-Apr-20		399	0																											
	TSE-1080	TSE-5c - As-Built Drawings	0	0%	18-Apr-20		399	0																											
	TSE-1070	TSE-5b - As-Built Drawings	0	0%	18-Apr-20		399	0																											
	TSE-1020	TSE-2b - Final Switchyard Design	0	0%	30-Aug-21		0	31																											
	Visual		252	0%	01-Jan-20	12-Nov-20	233	0																											
	VIS-1010	VIS-2a - Screening Landscaping Plan	0	0%	01-Jan-20		485	4																											
	VIS-1000	VIS-1c - Notification that Treatment Completed	0	0%	01-Apr-20		413	0																											
	VIS-1020	VIS-2c - Landscape Installation Timing	0	0%	23-Apr-20		395	4																											
	VIS-1030	VIS-2d - Landscaping Ready for Inspection	0	0%	01-May-20		388	4																											
	VIS-1100	VIS-4h - Pre-COD Inspection	0	0%	12-Nov-20		233	0																											
	VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0	0%	12-Nov-20		233	0																											
	Waste		137	0%	24-May-20	12-Nov-20	233	0																											
	WASTE-1020	WASTE-1b - SMP Summary	0	0%	24-May-20		370	4																											
	WASTE-1050	WASTE-8a - Operation Waste Management Plan	0	0%	12-Nov-20		233	0																											
	Worker Safety		193	68.88%	28-Jul-19 A	25-Mar-20	419	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		479	0																											
	WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0	0%	10-Jan-20		479	0																											
	WRSF-1010	WORKER SAFETY-2b - Operations H&S Program	0	0%	12-Jan-20		477	-1																											
	WRSF-1000	WORKER SAFETY-2a - Operations H&S Program	0	0%	12-Jan-20		477	-1																											
	WRSF-1080	WORKER SAFETY-8f.1 - Final UL Certification of ESS	0	0%	25-Mar-20		419	0																											
	WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS	0	0%	25-Mar-20		419	0																											
LM6000 Construction Schedule			325	68.72%	09-Nov-18 A	30-May-20	253	22																											

SERC Baseline Project Master Schedule (w/ARB Nov Sched) CEC/SCE				WBS Summary					10-Dec-19 15:34																											
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020														2021														
								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				
	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		174	79.89%	03-Jun-19 A	17-Jan-20	5	0																													
01270	Summer Load and High Line Loading Period	100	100%	03-Jun-19 A	25-Oct-19 A		0																													
01275	Outage Request	15	100%	28-Oct-19 A	15-Nov-19 A		0																													
01078	Construction Start	0	100%	19-Nov-19 A			-1																													
01280	3ABank in Position 10 Offline	0	100%		20-Nov-19 A		-2																													
01260	Install Structural Steel for 66kV Switchrack Position# 10 (S	20	50%	20-Nov-19 A	13-Dec-19	30	0																													
01165	Construction Finish	0	0%		17-Jan-20	5	0																													
01075	Built and Test Position 11	45	22.22%	19-Nov-19 A	17-Jan-20	5	0																													
Commissioning		5	0%	20-Jan-20	24-Jan-20	5	0																													
01080	Test & In-Service	5	0%	20-Jan-20	24-Jan-20	5	0																													
Interconnection Facilities at Barre Substation (SAP# 902360075)		388	89.69%	25-Jan-18 A	24-Jan-20	5	0																													
Engineering		323	100%	25-Jan-18 A	25-Oct-19 A		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	100%	04-Sep-18 A	25-Oct-19 A		0																													
01105	Structural Engineering / Design	70	100%	04-Sep-18 A	05-Feb-19 A		0																													
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	100%	16-Sep-19 A	25-Oct-19 A		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	41.67%	29-Oct-19 A	17-Jan-20	5	0																													
01140	Construction Start	0	100%	29-Oct-19 A			0																													
01150	Construction Finish	0	0%		17-Jan-20	5	0																													
01145	Construction Duration	60	41.67%	29-Oct-19 A	17-Jan-20	5	0																													
Commissioning		5	0%	20-Jan-20	24-Jan-20	5	0																													
01155	Test & In-Service	5	0%	20-Jan-20	24-Jan-20	5	0																													

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Milestone

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SERC Baseline Project Master Schedule (w/ARB Nov Sched) CEC/SCE			WBS Summary					10-Dec-19 15:34																											
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020												2021															
								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			
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	9065	Test & In-Service	10	0%	03-Jan-20	16-Jan-20	11	-1																											
	Skip Substation		237	85.65%	20-Feb-19 A	16-Jan-20	11	-1																											
	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	100%	14-Aug-19 A	07-Nov-19 A		1																											
	9110	PSC Installation at Skip Substation	25	4%	29-Nov-19 A	02-Jan-20	11	-1																											
	9115	Test & In-Service	10	0%	03-Jan-20	16-Jan-20	11	-1																											
	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		91	15.01%	01-Nov-19 A	16-Apr-20	278	0																												
BESS-2000	Construction (Foundations)	4	75%	01-Nov-19 A	03-Dec-19	224	0																												
BESS-2010	Construction (Superstructure)	4	0%	03-Dec-19	19-Dec-19	224	0																												
BESS-2030	BESS Equipment Delivered To Site	0	0%		06-Jan-20*	239	0																												
BESS-2020	Equipment Installation	4	0%	19-Dec-19	31-Jan-20	224	0																												
BESS-2040	BESS Testing & Commissioning	4	0%	31-Jan-20	24-Feb-20	224	0																												
BESS-2050	EGT Testing & Commissioning	4	0%	24-Feb-20	24-Mar-20	224	0																												
BESS-2060	ESS Substantial Completion Target	0	0%	25-Mar-20		224	0																												
BESS-2070	SCS Software Delivered	0	0%	25-Mar-20		224	0																												
BESS-2080	EGT Comissioning and Trial Test Runs	4	0%	25-Mar-20	31-Mar-20	224	0																												
BESS-2090	EGT Substantial Completion Target (COD)	0	0%	01-Apr-20		224	0																												
BESS-2100	O&M Staff Training By GE	4	0%	01-Apr-20	09-Apr-20	278	0																												
BESS-2110	As Builts	4	0%	01-Apr-20	16-Apr-20	278	0																												
BESS-2120	Final Completion Target	0	0%	16-Apr-20		278	0																												

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Attachment 2 – COM-5 Compliance Matrix

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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														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
19	AQ	AQ-B1	COM/OPS	H₂S Limit Averaging - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation. The project owner shall not use natural gas containing the following specified compounds: H₂S > 0.25 Grains per 100 SCF	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ-SC7). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
20	AQ	AQ-C1	COM/OPS	Start-up Limitations - Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	Provide records including a table documenting the type of startup, duration and date of occurrence. Monthly Reports to be included in the Quarterly Operations 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
21	AQ	AQ-C1.a	COM/OPS	Start-up Limitations - Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	The project owner shall maintain records to demonstrate compliance with this condition and shall make such records available to the Executive Officer 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										SERC	DSR
22	AQ	AQ-C2	COM/OPS	Shutdown Limitations - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	Provide records including a table documenting each shutdown, and indicating the duration and date of occurrence. *Monthly reports to be included in 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
23	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										SERC	DSR
24	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
25	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
26	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
27	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
28	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
29	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

	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														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
30	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				SCAQMD						SERC	DSR
31	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
32	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
33	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
34	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				
35	AQ	AQ-D2e	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 notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	Notify CPM 10 days before the test of date and time. Test every three years.	5/3/2020		Not Started										SERC	DSR
36	AQ	AQ-D2f	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 notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	Notify District 10 days before the test of date and time. Test every three years.	5/3/2020		Not Started							SCAQMD			SERC	DSR

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2	All Phases							6/30/2040						Construction							
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4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
101	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												SERC	DSR
102	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	10/19/2018	Completed	12/13/2018									JACOBS	GAL
103	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
104	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
105	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
106	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
107	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
108	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 (CCR), implementation of measures ongoing during construction.	5/8/2020		Not Started										JACOBS	GAL
109	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 For Gas Line: 7/31/19	1/22/2019 2/4/2019 7/3/2019 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

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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 Project Manager
110	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 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed							CDFW, USFWS			JACOBS	GAL
111	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							CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL
112	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
113	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
114	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
115	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
116	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	12/18/2018		Completed					1-1.1: 1/17/2019 PC1 1-1.1 2/6/19 PC2 1-1.1 5/24/19 PC3 1-1.2 1/17/2019 PC1 1-1.2 2/6/19 PC2 1-1.2 5/24/19 PC3 1-1.3 1/17/2019 PC1 1-1.3 2/6/19 PC2	1.1: 2/8/19 (conditional) 1.2: 2/8/19 1-1.0 2/8/19 PC2 1-1.1 6/14/19 PC3 1-1.10 2/8/19 PC2 1-1.2 6/14/19 PC3 1-1.3 2/8/19 PC2- 1-1.3 6/14/19 PC3 1.4 2/8/19 PC2 1-1.4 6/14/19 PC3				SERC	TAT
117	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					1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
118	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					1/7/2019	2/6/2019				SERC	TAT

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4				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		Compliance Status for CPM (Not started, in progress, completed (with date))		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
5									Date Submitted to CPM												
119	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					1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
120	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					Ongoing					SERC	TAT
121	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					3/13/19 4/11/19					SERC	GAL
122	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 ownershall 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							Conditional					SERC	GAL
123	CIVIL	CIVIL-2b	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 ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 hours when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	Conditional		Not Started					Conditional					SERC	GAL
124	CIVIL	CIVIL-2c	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 ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval	Copy of CBO's approval letter to CPM	Within 24 hours of the CBO's approval to resume work	Conditional		Not Started										SERC	GAL
125	CIVIL	CIVIL-3a	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CBO and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional							conditional					SERC	TLB/TAT

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	COM	COM-13b	CONS/COM/OPS	Incident-Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See Decision COM-13 for incident types that apply).	After the initial 6-day report, the project owner shall start submitting monthly status reports; within 48-hours of a request by the CPM, the project owner shall submit a status report. Status reports shall include the activities already taken, and those currently being taken, to remedy the impacts of the incident. The CPM will determine when reporting is	monthly status reports	monthly after incident	Conditional	Date Submitted to CPM	Not Started										SERC	GAL
138	COM	COM-14	OPS	Non-Operation and Repair/Restoration Plan -No later than two weeks prior to a facility's planned non-operation, or no later than one week after the start of unplanned non-operation, the project owner shall notify the CPM, interested agencies, and nearby property owners of this status. During non-operation, the project owner shall provide written updates to the CPM.			No later than two weeks prior to facility's planned non-operation.	6/16/2040		Not Started										SERC	DSR
139	COM	COM-15	OPS	Facility Closure Planning -No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039												SERC	DSR
140	COM	COM-2	PC/CONS/COM/OPS	Compliance Record - The project owner shall maintain electronic copies of all project files and submittals on-site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final Decision; Petitions, Amendments	NA	Life of the project	Ongoing		In Progress										SERC	TLB
141	COM	COM-3	PC/CONS/COM/OPS	Compliance Verification Submittals - Verification lead times associated with the start of construction may require the project owner to file submittals during AFC or amendment processing, particularly if construction is planned to commence shortly after certification. The verification procedures, unlike the conditions, may be modified as necessary by the CPM after notice to the project owner.	A cover letter from the project owner or an authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters. (See Decision COM-3 for additional specifications).	Verification submittals	Life of the project	Ongoing		In Progress										SERC	GAL
142	COM	COM-4a	PC	Pre-Construction Matrix and Tasks Prior to Start of Construction. Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description below (See Decision COM-4 for specifications).	Site mobilization and construction activities shall not start until the following have occurred: 1. the project owner has submitted the pre-construction matrix and all compliance verifications pertaining to pre-construction conditions of certification;	Pre-construction matrix and pre-construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018				(Ref Only)					SERC	GAL
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196		CUL	CUL-7d	CONS/COM	Provide Reports and Records to Native American Groups (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	Copies of transmittal letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started										JACOBS	GAL
197		CUL	CUL-7e	CONS/COM	Comments or Information Provided by Native Americans (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of Native American comments and information in response to owner transmittals of information.	Within 15 days of receiving comments from Native Americans	Conditional		Not started										JACOBS	GAL
198		CUL	CUL-8a	CONS	Fill Soils, Borrow or Fill Site Documentation - If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are provided to and approved by the CPM, the CRS shall survey the borrow or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, the project owner must either select another borrow or disposal site or implement CUL-7 prior to any use of the site. The CRS shall report on the methods and results of these surveys in the final CRR.	The owner shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Completed	3/29/2018									JACOBS	GAL
199		CUL	CUL-8b	CONS	Fill Soils, Cultural Resources Survey - In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non-commercial borrow/disposal site	3/29/2019	3/29/2019	Completed	3/29/2019									JACOBS	GAL
200		ELEC	ELEC-1a	CONS	Electrical Systems Design Plans and Specifications - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See Decision ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Design plans, specifications, and calculations and compliance statement to CBO with copy to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	Ongoing		In Progress				1-1.0: 1/23/19 1-2.0: 2/4/2019 1-3.0: 1/23/19 1-4.0: 1/29/19 1-5.0: 3/4/19 1-6.0: 3/22/19 1-7.0: 3/6/19 1-8.0: 5/20/19 1-9.0: 1-10.0: 3/29/19 1-11.0: 1-12.0: 5/20/19 1-13.0 7/24/19 SH-013 PC1 1-13.0 7/26/19 SH-014 PC1	1-1.0: 5/3/19 1-2.0: 2/15/19 1-3.0: 2/6/2019 1-4.0: 2/8/19 1-5.0: 3/14/19 1-6.0: 4/5/19 1-7.0: 3/20/19 1-8.0: 6/3/19 1-9.0: 1-10.0: 4/16/19 1-11.0: 1-12.0: 6/3/19 1-13.0 8/14/19 PCF					SERC	TAT
201		ELEC	ELEC-1b	CONS/COM	Electrical Systems Design Plans and Specifications - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See Decision ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Monthly Compliance Report, include: receipt or delay of major equipment, testing or energizing of major electrical equipment, and signed statement by registered electrical engineer certifying that the proposed final desing plans and specifications conform to requirements set forth by CEC decision	Monthly	Monthly		In Progress				3/13/19 4/11/19 5/14/19 6/14/19 7/17/19						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														Commissioning								
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations								
5	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))		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	
205	GEN	GEN-2a	PC	Schedule of Drawings, Master Drawings, Specification Lists - Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition (See Decision GEN-2). The schedule shall contain the date of each submittal to the CBO. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Schedule, Master Drawings & Specifications Lists	At least 60 days prior to the start of rough grading.	11/3/2018	11/2/2018	Completed			11/20/2018			2.1 Updated Sched of Dwgs, Equip & Sub1/18/2019	2.1 Approved 1/23/19				POWER	TAT
206	GEN	GEN-2b	PC/CONS	Updates to Drawings and Lists - See GEN-2a	Provide Updates to Schedule of Drawings and Specification Lists updates in the MCR	Schedule updates	Monthly	Monthly		In Progress						1/18/2019	1/23/2019				SERC	GAL
207	GEN	GEN-3a	PC/CONS/C OM	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DCBO based upon a fee schedule negotiated between the Energy Commission and the DCBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	CBO monthly payments	Monthly	Monthly		In Progress						Monthly					SERC	RRF/ILJ
208	GEN	GEN-3b	PC/CONS/C OM	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DCBO based upon a fee schedule negotiated between the Energy Commission and the DCBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Copy of CBO's Receipt of Payment with the MCR	Monthly	Monthly		In Progress						Monthly					SERC	GAL
209	GEN	GEN-4a	PC	Resident Engineer - Prior to the start of rough grading, assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The RE or his/her delegate(s) shall be responsible for the elements listed in this condition (see Decision GEN-4).	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	12/3/2018	1/18/2019	Completed			N/A			Power: 12/24/2018 Jacobs: 12/24/2018 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NV5: 3/4/2019				SERC	TAT
210	GEN	GEN-4b	PC/CONS	Approval of 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	12/8/2018	1/18/2019	Completed						Power: 12/24/2018 Jacobs: 12/24/2018 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NV5: 3/4/2019				SERC	TAT
211	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	Conditional		Completed						2/6/2019	2/12/2019				SERC	TAT
212	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	Conditional	2/6/2019	In Progress						2/6/2019	2/12/2019				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														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
224	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
225	GEN	GEN-7b	CONS/COM	Notification of Correction Disapproval - See GEN-7a	If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Notify CPM and provide revised corrective action	Within 5 days of CBO disapproval of corrective action	Conditional		Not Started										SERC	GAL
226	GEN	GEN-8a	CONS	CBO Inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-built shall be provided to the CBO for retention by the CPM.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Submit to the CBO a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work	Conditional		In Progress										SERC	GAL
227	GEN	GEN-8aa	CONS	CBO Inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-built shall be provided to the CBO for retention by the CPM.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Copy to the CPM of the submittal to the CBO a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Monthly as completed	Monthly		In Progress											
228	GEN	GEN-8b	CONS	Plan and Specification Storage - See GEN-8a	After storing the final approved engineering plans, specifications, and calculations described above, submit a letter to the CPM .	Letter stating both that the documents have been stored and the storage location of those documents.	After storage is in place	Conditional		Not started										SERC	GAL
229	GEN	GEN-8c	CONS	Plan and Specification Archive Copies - See GEN-8a	The project owner shall provide to the CBO three sets of electronic copies of the engineering plans, specifications, and calculations at the project owner's expense.	"Read only" (Adobe .pdf 6.0 or newer version) files, with restricted (password-protected) printing privileges, on archive quality compact discs.	Within 90 days of the completion of construction	8/21/2020		Not Started										SERC	TAT
230	GEO	GEO-1a	PC	Soils Engineering Report - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	The project owner shall include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils; and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the Soils Engineering Report, application for grading permit to CBO for comments	90 days before grading	11/3/2018		Completed					1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				NV5	TAT

	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														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
231	GEO	GEO-1b	PC	Soils Engineering Report - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	The project owner shall include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils; and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the Soils Engineering Report, application for grading permit, and CBO comments to CPM	60 days before grading	12/3/2018	11/2/2018	Completed	11/26/2018				1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				SERC	GAL
232	HAZ	HAZ-1	OPS	Hazardous Materials Management - The project owner shall not use any hazardous materials not listed in Appendix B, below, or in greater quantities or strenghts than those identified by chemical name in Appendix B, below, unless approved in advance by the compliance project manager (CPM).	The project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous Materials Business Plan's list of hazardous materials and quantities contained at the facility.	Submit Hazardous Materials Business Plan in the Annual Compliance Report.	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
233	HAZ	HAZ-2a	CONS	HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	Prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/20/2019	8/2/2019	Completed	9/12/2019 10/14/19				1-1.0 8/6/19 PC1 2-3.0 8/6/19 PC1					SERC	DSR
234	HAZ	HAZ-2aa	CONS	HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	Prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/29/2019		Completed							OCEHD	8/2/2019			
235	HAZ	HAZ-2ab	CONS	Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to the CPM for approval.	HMBP and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019	9/27/2019	Completed	10/14/2019				2-1.1 8/6/19 2-3 PC1 8/6/19 2-3 9/26/19	2-1.1 9/4/19 2-3 PC1 9/4/19 2-3 10/15/19					
236	HAZ	HAZ-2ac	CONS	Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to the CPM for approval.	HMBP and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019		Completed							OCEHD	9/24/2019	7-Nov		

	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														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
237	HAZ	HAZ-2b	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to Certified Unified Program Agency (the Orange County Environmental Health Division)	At least 30 days before delivery of aqueous ammonia on site	7/29/2019	Date Submitted to CPM 10/25/2019	Completed	Date Approved by CPM 11/12/2019									SERC	DSR
238	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CPM for approval	At least 30 days before delivery of aqueous ammonia on site	10/20/2019		Completed					10/24/2019	11/12/2019				SERC	DSR
239	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CUPA for information	At least 30 days before delivery of aqueous ammonia on site	10/20/2019		Completed							OCEHD	10/24/2019	7-Nov		
240	HAZ	HAZ-3	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	10/20/2019	9/27/2019	Completed	10/8/2019									SERC	DSR
241	HAZ	HAZ-3a	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility			Completed					9/30/2019	10/15/2019				SERC	DSR
242	HAZ	HAZ-4	CONS	Ammonia Storage Tank Design - The aqueous ammonia storage facility shall be designed to the ASME Code for Unfired Pressure Vessels, Section VIII, Division 1. The storage tank shall be protected by a secondary containment that drains to an underground vault via (3) 1.25 square foot openings capable of holding precipitation from a 24-hour, 25-year storm event plus 100 percent of the capacity of the largest tank within its boundary. The storage tank shall have ammonia detectors positioned to detect an ammonia leak or loss of containment. The final design drawings and specifications for the ammonia storage tank, secondary containment basin, and underground vault shall be submitted to the CPM.	The project owner shall submit final design drawings and specifications for the ammonia storage tank, ammonia pumps, ammonia detectors around the ammonia storage tank, secondary containment basin, and underground vault to the CPM for review and approval (copy CBO)	Final design drawings for the ammonia storage and transfer facility	At least 30 days before construction of the ammonia storage and transfer facility	10/20/2019	3/15/2019 4/29/2019 (CBO approval transmitted to CPM)	Completed	4/30/2019				3/14/2019 (reference only)	4/29/2019				POWER	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)												CBO Color Code:	Pre- Construction							
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3														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
249	HAZ	HAZ-9	CONS/OPS	Fuel Gas Pipe Cleaning - The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve “flammable gas blows” where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging, shall be used as per the latest edition of NFPA 56, Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA 56, section 4.4.1.	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NFPA 56, section 4.4.1) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	11/27/2019		on										SERC	DSR
250	MECH	MECH-1a	CONS	Plant Piping and Plumbing System Plans- The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (QA/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO’s inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See Decision MECH-1 for specifications)	The project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Final plans, specifications, and calculations and certification of compliance to CBO for review and approval	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and master specifications list	Ongoing		In Progress					1.1 : 2/8/2019 1.2: 2/8/19 1.3: 2/11/19 1.4: 3/1/19 1.5:4/4/19 1.6: 6/10/19 1.6 6/29/19 1.7 6/20/19 1-4.0 5/31/19 1-6.0 6/10/19 PC1 1-10 7/23/19 PC1	1.1 : 2/26/19 1.2: 5/16/19 1.3: 5/7/19 1.4: 3/11/19 conditional 1.5: 5/7/19 1.6: 6/10/19 PC1 1.6: 6/25/19 PCF 1.7 7/16/19 PCF 1-4.0 6/19/19 PCF 1-6.0 619/19 PC1				Power	TAT
251	MECH	MECH-1b	CONS	Plant Piping and Plumbing System Plans- The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (QA/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO’s inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See Decision MECH-1 for specifications)	The project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Send the CPM a copy of the transmittal letter in the next monthly compliance report.	Monthly Compliance Report (one time)	Monthly		In Progress										SERC	GAL
252	MECH	MECH-1c	CONS	CBO Approvals, Piping and Plumbing - See MECH-1a	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO’s inspection approvals.	Copy of transmittal letters and copies of CBO inspection approvals in MCR.	Monthly	Monthly		In Progress										SERC	GAL
253	MECH	MECH-2a	CONS	Pressure Vessel Installation - For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation. (See Decision MECH-2 for additional specifications).	The project owner shall submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer’s certification, with a copy of the transmittal letter to the CPM.	Submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer’s certification, with a copy of the transmittal letter to the CPM.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel the project owner shall submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer’s certification, with a copy of the transmittal letter to the CPM.	11/9/2019		Not Started					9/27/2019	2-1.0 PC1 10/16/19				Power	TAT

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5	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))		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
261	NOISE	NOISE-2b	CONS/COM/OPS	Noise Complaint Resolution - See NOISE-2a	If mitigation is required to resolve the complaint, and the complaint is not resolved within three business days, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Updated Noise Resolution Complaint Form	When the mitigation is implemented	Conditional		In Progress										SERC	GAL
262	NOISE	NOISE-3	PC	Employee Noise Control Program - Submit to the CPM for review and approval a noise control program and to reduce employee exposure to high (above permissible) noise levels during construction in accordance with Title 8, California Code of Regulations, Sections 5095-5099, and Title 29, Code of Federal Regulations, Section 1910.95.	At least 30 days prior to the start of ground disturbance, submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	Noise Control Program	At least 30 days prior to the start of ground disturbance	12/3/2018	11/20/2018	Completed	1/3/2019				1/15/2019 (Ref Only)	1/18/2019				SERC	GAL
263	NOISE	NOISE-4a	COM/OPS	Operational Noise Survey - The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to the project operation alone do not exceed an hourly average exterior noise level of 49 dBA measured at monitoring location LT1 and 43 dBA measured at monitoring location LT2. See Decision NOISE-4 for further specifications.	Conduct the operational noise survey	Conduct the operational noise survey	Within 30 days of achieving a sustained output of 85 percent of rated capacity	4/12/2020		Not Started										Innova	DSR
264	NOISE	NOISE-4b	COM/OPS	Noise Survey Summary Report - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey to the CPM	Within 15 days after the survey	5/1/2020		Not Started										Innova	DSR
265	NOISE	NOISE-4c	COM/OPS	Revised Noise Survey Summary - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owner shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	Conditional		Not Started										Innova	DSR
266	NOISE	NOISE-5	COM/OPS	Occupational Noise Survey - Following the project's attainment of a sustained output of 85 percent or greater of its rated capacity, the project owner shall conduct an occupational noise survey to identify any noise hazardous areas within the power plant. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, Sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, Section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. (See Decision NOISE-5 for further information).	The project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request from OSHA and Cal-OSHA.	Submit to the CPM a summary report of the new noise survey	Within 30 days after completing the new survey	4/12/2020		Not Started					(Ref Only)					Innova	DSR
267	NOISE	NOISE-6	PC	Construction Noise Restrictions - Heavy equipment operation and noisy construction work, including pile driving, shall be restricted to the times delineated in this condition (See Decision NOISE-6). Construction work shall be performed in a manner to ensure excessive noise (noise that draws a project-related complaint) is prohibited and the potential for noise complaints is reduced as much as practicable. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction work associated with this project.	Statement acknowledging restrictions	Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019				1/22/2019 (Ref Only)	1/24/2019				SERC	GAL
268	NOISE	NOISE-7a	CONS	Pile Driving Technique - The project owner shall perform pile driving in a manner to reduce the potential for any project-related noise and vibration complaints. The project owner shall notify the residents in the vicinity of pile driving prior to start of pile driving activities.	The project owner shall submit to the CPM a description of the pile driving technique to be employed, including calculations showing its projected noise impacts at monitoring location LT1.	Description of the pile driving technique to be used	At least 15 days prior to first pile driving	Conditional		Not Started					(Ref Only)					SERC	GAF

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5	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))		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
284	PAL	PAL-6b	CONS	Notification of Change in Monitoring - See PAL-6a	The project owner shall ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified 15 days in advance of any proposed changes in monitoring different from that identified in the PRMMP, which will require concurrence between the PRS and CPM. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	Notification of proposed change in monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional	Date Submitted to CPM	Not started	Date Approved by CPM									JACOBS	GAL
285	PAL	PAL-7	OPS	Paleontological Resources Report - The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.	The project owner shall submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground-disturbing activities, including landscaping	8/21/2020		Not started										JACOBS	GAL
286	PAL	PAL-8	CONS/COM/OPS	Curation Entity/Curation Fees - The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed, including collection of fossil material, preparation of fossil material for analysis, analysis of fossils, identification and inventory of fossils, preparation of fossils for curation, and delivery for curation of all significant paleontological resource materials encountered and collected during project construction. The project owner shall pay all curation fees charged by the museum for fossil material collected and curated as a result of paleontological mitigation. The project owner shall also provide the curator with documentation showing the project owner irrevocably and unconditionally donates, gives, and assigns permanent, absolute, and unconditional ownership of the fossil material.	Within 60 days after the submittal of the PRR, the project owner shall submit documentation to the CPM identifying the entity that will be responsible for curating collected specimens. This documentation shall also show that fees have been paid for curation and the owner relinquishes control and ownership of all fossil material.	Documentation of the entity responsible for curation and that curation fees have been paid	Within 60 days of submittal of the PRR	10/4/2020		Not Started										JACOBS	GAL
287	SOCIO	SOCIO-1	PC	School Facility Development Fee - The project owner shall pay the current one-time statutory school facility development fee to the Magnolia Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnolia Elementary School District Board Policy BP 7211 Facilities: Developer Fees.	The project owner shall provide to the compliance project manager (CPM) proof that the delegate chief building official (DCBO) has calculated the assessable covered and enclosed space consistent with local practices and shall provide proof of payment of the development fees, based on the calculated space and current school development fees, to the Magnolia Elementary School District and to the Anaheim Union High School District.	Payment / Proof of payment of the development fees	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	12/5/2018				1/7/2019	1/10/2019				SERC	GAL
288	S&W	SOIL & WATER-1a	PC	NPDES Construction Permit Requirements - The project owner shall manage storm water pollution from project construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the project.	The project owner shall submit to the CPM proof that the construction permit was granted and that a waste discharge identification number (WDID) was issued by the State Water Resources Control Board (SWRCB).	Proof that construction permit was granted and a WDID was issued	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
289	S&W	SOIL & WATER-1b	PC	NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF

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290	S&W	SOIL & WATER-1c	PC/CONS	Correspondence with SARWQCB - See SOIL & WATER 1a	The project owner shall submit to the CPM any correspondence between the project owner and the SWRCB or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDES permit for discharge of storm water associated with this activity. This information shall include the notice of intent, the notice of termination, and any updates to the construction SWPPP.	Correspondence between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	Conditional	Date Submitted to CPM	Not started	Date Approved by CPM				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL
291	S&W	SOIL & WATER-2a	PC	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WQMP for post-construction storm water BMPs to Orange County for review and the CPM for review and approval. The project owner shall notify the CPM in writing of any reported non-compliance with the county requirements, including documentation of any measures taken to correct the noncompliance, and the results of those corrective measures. See Decision SOIL&WATER-2 for additional specifications.	The project owner shall provide a WQMP for post-construction storm water BMPs to the CPM and to the Orange County Public Works Department.	WQMP for post-construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 3/27/2019	Completed	9/14/2018				PC1:1/17/2019 PC2:2/21/19 PC3: 3/18/19 (Ref Only)	3/27/2019				SERC	GAL
292	S&W	SOIL & WATER-2b	PC	Orange County Public Works Department Review of WQMP - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18									SERC	GAF
293	S&W	SOIL & WATER-2c	PC/CONS	Correspondence with County Re: Stormwater - See SOIL & WATER 2a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the county regarding storm water management.	Copies of correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	Conditional		Not Started										SERC	GAL
294	S&W	SOIL & WATER-3a	PC/CONS	Hydrostatic and Dewatering Water Discharge Permit Requirements - Prior to initiation of discharge to surface water from hydrostatic testing water or groundwater from dewatering, the project owner shall obtain a National Pollutant Discharge Elimination System permit for discharge when applicable. The project owner shall comply with the requirements of the NPDES Permit Order No. CAG998001 for hydrostatic testing and dewatering (if applicable) water discharge. The project owner shall provide a copy of all permit documentation sent to the Santa Ana Regional Water Quality Control Board (SARWQCB) or State Water Resources Control Board (SWRCB) to the CPM and notify the CPM in writing of any reported non-compliance.	The project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the SARWQCB or SWRCB at least 30 days prior to construction.	Documentation that NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018	12/4/2018	In Progress	12/13/2018				(Ref Only)					SERC	GAL
295	S&W	SOIL & WATER-3b	PC	NPDES Plans and Permits - See SOIL&WATER-3a	The project owner shall submit to the CPM a copy of the relevant plans and permits received.	Plans and permits	Thirty days (30) prior to project construction	12/3/2018	12/6/2018	Completed	12/11/2018				(Ref Only)					SERC	GAL
296	S&W	SOIL & WATER-3c	PC/CONS/OPS	Correspondence with SWRCB - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB regarding NPDES permits in the annual compliance report.	Copies of correspondence	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	GAL
297	S&W	SOIL & WATER-4a	CONS	Water Use and Reporting - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water use for construction shall not exceed 5.6 acre-feet. project operation water use shall not exceed 34 AFY. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Summary of daily water use	Monthly Compliance Report	Monthly		In progress					(Ref Only)					ARB	GAL

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298	S&W	SOIL & WATER-4b	COM/OPS	Water Use and Reporting - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water use for construction shall not exceed 5.6 acre-feet. project operation water use shall not exceed 34 AFY. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Monthly and annual summary of water use	Annual Compliance Report	12/31/2020		In Progress					(Ref Only)					SERC	DSR
299	S&W	SOIL & WATER-5a	PC/CONS/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	The project owner shall submit to the CPM evidence that they have complied with all requirements and paid the necessary fees for connection	At least thirty (30) days prior to use of the Golden State Water Company potable water supply	12/3/2018 11/28/2019	11/29/2018	In Progress	12/1/2/18				(Ref Only)					ARB	GAL
300	S&W	SOIL & WATER-5b	PC/CONS/COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence that metering devices have been installed and are operational	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	11/28/2019	2/22/2019 3/21/2019	In Progress					(Ref Only)					SERC	GAL
301	S&W	SOIL & WATER-5c	COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
302	S&W	SOIL & WATER-5d	COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Fees paid to Golden State Water Company shall be reported in the Annual Compliance Report (ACR)	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
303	S&W	SOIL & WATER-6a	PC/CONS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	The owner shall provide the CPM documentation indicating that the city has accepted the project's connections to the sewer system.	Documentation that the City accepts the SERC's sewer connection.	Prior to the use of the city's sewer system	6/30/2019	(Pacific Street - existing line) 5/9/2019	Completed	5/16/2019				(Ref Only)					ARB	GAL
304	S&W	SOIL & WATER-6b	CONS/COM/OPS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Fees paid to the city shall be reported in the ACR.	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
305	S&W	SOIL & WATER-6c	CONS/COM/OPS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Monthly and annual summary of waste water discharge.	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
306	S&W	SOIL & WATER-7	PC/CONS	Jack and Bore Permits - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project owner shall apply for coverage under the following permits: (see Decision SOIL&WATER-7 for list) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Completed	6/19/2019				(Ref Only)					SoCalGas	GAL

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2	All Phases							6/30/2040							Construction						
3															Commissioning						
4				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		Compliance Status for CPM (Not started, in progress, completed (with date))		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
307	S&W	SOIL & WATER-8a	PC	Bridge Encroachment Permits - The project owner shall obtain an encroachment permit for the construction of the vehicle and utility bridges from the Orange County Public Works Department in accordance with Orange County Code – Title 9, Division 2, Article 2, Sections 9-2-40 and 9-2-50. The project owner shall pay all necessary fees to Orange County Public Works Department for compliance with the permit review and approval process. The project owner shall submit the encroachment permit application package to Orange County Public Works Department and the CPM for review and approval prior to construction. The project owner shall also provide a copy of the approved permit to the CPM.	The project owner shall provide a copy of the application package for the encroachment permit and any comments from Orange County Public Works Department to the CPM for review and approval.	Application for encroachment permit and OCPWD comments	At least ninety (90) days prior to bridge construction	11/27/2018	9/17/2018	Completed	12/13/2018				2/5/19 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
308	S&W	SOIL & WATER-8b	PC	OCPWD Permit - See SOIL&WATER-8a	The project owner shall submit a copy of the final approved permit from Orange County Public Works Department to the CPM for review and approval.	Copy of final approved permit from OCPWD	At least 30 days prior to bridge construction	1/26/2019	2/1/2019	Completed	3/12/2019				2/5/2019 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
309	STRUC	STRUC-1a	PC/CONS	Project Structures Plans and Specifications - Prior to the start of any increment of construction, the project owner shall submit plans, calculations, and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. (See Decision STRUC-1 for specifications).	The project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final design plans, specifications, and calculations and transmittal letter to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list	1.0: 1/17/2019 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/7/2019 5.0: 2/7/2019 6.0: 2/7/2019 7.0: 2/14/2019 8.0: 2/14/2019 9.0: 2/21/2019 10.0: 2/28/2019 12.0: 3/11/2019 13.0: 2/20/2019	1.0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 3.0: 5/13/19 4.0: 2/6/2019 5.0: 6.0: 2/7/2019 7.0: 3/28/2019 8.0: 5/13/2019 9.0: 3/22/2019 10.0: 2/28/2019 11.0:5/13/19 12.0: 5/13/2019 13.0: 2/20/2019 14.0: 15.0: 5/31/19 16.0: 5/6/19 17.0: 5/13/19 18.0: 5/31/19 19.0: 20.0: 5/23/19 21.0: 5/24/19 22.0: 5/28/19 23.0: 24.0: 5/31/19 25.0: 5/31/19 26.0: 5/31/19 27.0: 5/21/19	In Progress	N/A			1.0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 3.0: 5/16/19 4.0: 2/6/2019 5.0: 6.0: 4/30/19 7.0: 4/29/19 8.0: 5/16/19 9.0: 5/22/19 10.0:5/22/19 11.0:4/16/19 12.0: 3/29/2019 13.0: 2/20/2019 15.0: 5/31/19 16.0: 5/6/19 17.0: 5/13/19 18.0: 6/18/19 19.0: 20.0: 7/23/19 21.0: 6/7/19 22.0: 9/11/19 PCF 23.0: 7/11/19 24.0: 7/3/19 PC2 25.0: 26.0: 27.0:				Power	GAL		
310	STRUC	STRUC-1b	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Statement from CBO	Monthly	Monthly		In Progress					Monthly					SERC	GAL
311	STRUC	STRUC-1c	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Monthly Compliance Report list of approved plans, specifications, and calculations	Monthly	Monthly		In Progress					Monthly					SERC	GAL

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5	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))		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
322	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 2974 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
323	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
324	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
325	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
326	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 7/17/2019	JACOBS	GAL
327	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 TCP to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letter to the city of Stanton requesting review and comment.	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	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
328	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
329	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

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5	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))		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
335	TRANS	TRANS-5a	CONS	Transportation of Hazardous Materials -The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in MCRs	Monthly during construction	Monthly		In Progress					(Ref Only)					SERC	GAL
336	TRANS	TRANS-5b	OPS	Transportation of Hazardous Materials -The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in ACR	Annual Compliance Report	12/31/2020		Not started					(Ref Only)					SERC	DSR
337	TRANS	TRANS-6a	PC	Rail Crossing Safety Plan - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the city of Stanton for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	11/1/2018	Completed	12/21/2018									Jacobs	GAL
338	TRANS	TRANS-6b	PC	Rail Crossing Safety Plan - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to Union Pacific Railroad (UPRR) for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	11/1/2018	Completed	N/A						UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL
339	TRANS	TRANS-6c	PC	Rail Crossing Safety Plan - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letters to the city of Stanton and UPRR requesting review and comment.	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	12/3/2018	Completed	1/24/2019						City of Stanton UPRR	City of Stanton: 10/291/2018; UPRR: 11/1/2018	City of Stanton: 10/29/18	SERC	GAL
340	TRANS	TRANS-6d	PC	Final Rail Crossing Safety Plan - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	12/3/2018	Completed	1/24/2019									JACOBS	GAL
341	TRANS	TRANS-6e	PC	Final Rail Crossing Safety Plan - See TRANS-6a	After CPM review and approval, the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019						City of Stanton UPRR			SERC	GAL

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5	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))		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
355	TSE	TSE-5a	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	Inspect transmission facilities during and after project construction. Contact CBO in writing with non-conformance of the transmission facility.	Within 10 days of discovering non-conformance	Conditional	Date Submitted to CPM	Not Started	Date Approved by CPM									SERC	TLB
356	TSE	TSE-5b	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	"As built" engineering descriptions and one line drawings of electrical portion of facility, signed and sealed by Electrical Engineer in charge and a statement attesting conformance	Within 60 days after first synchronization of the project	4/18/2020		Not Started										SERC	GAF
357	TSE	TSE-5c	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	"As built" engineering descriptions of mechanical structure and civil portion of transmission facilities signed and sealed by Registered Engineer and maintain records at plant	Within 60 days after first synchronization of the project	4/18/2020		Not Started										SERC	GAF
358	TSE	TSE-5d	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	Summary of inspections of the completed transmission facilities and identification of any nonconforming work and corrective actions taken, signed and sealed by registered engineer submitted to CPM and CBO	Within 60 days after first synchronization of the project or completed transmission facilities	4/18/2020		Not Started										SERC	GAF
359	VIS	VIS-1a	PC	Surface Treatment of Project Structures - The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be nonspecular and non-reflective, and the insulators shall be non-reflective and non-refractive. See Decision VIS-1 for specifications)	The project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	11/10/2017	2/26/19 3/6/2019	Completed	3/14/2019				3/12/2019 (Ref Only)	3/18/2019	City of Stanton	3/6/2019	3/11/2019 (City of Stanton Approval - no comments)	SERC	GAL
360	VIS	VIS-1b	PC/CONS	Revised Surface Treatment Plan - See VIS-1a	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	Revised Surface Treatment Plan	Any modifications to the treatment plan must be submitted to the CPM for review and approval	Conditional		Not Started					(Ref Only)					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
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3														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
385	WASTE	WASTE-2	PC	Professional Engineer/Geologist - Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation and grading activities, to the	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	12/3/2018	11/30/2018	Completed	1/8/2019									JACOBS	GAL
386	WASTE	WASTE-3a	CONS	Final Engineer/Geologist Report - If seemingly contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities (as evidenced by discoloration, odor, detection by handheld instruments, or other signs), the professional engineer or geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within five days of their receipt.	Final reports by the engineer or geologist	Within 5 days of receipt	Conditional	6/12/19 (final NV% reports on 2 barrels and notification of barrel removal)	Completed	6/12/2019									JACOBS	GAL
387	WASTE	WASTE-3b	CONS	Construction Halt Notification - See WASTE-3a	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction due to contaminated soil.	Notify the CPM	Within 24 hours of orders to halt construction	Conditional		Not started										SERC	GAL
388	WASTE	WASTE-4a	PC	Construction and Demolition Environmental Resources Management Plan - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Recycling Plan to Orange County's Public Works Department for review and comment	Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018		Completed							OCPW	11/1/2018	1/28/2019 (Approved by CPM. No Comments were received from OCPW)	JACOBS	GAF
389	WASTE	WASTE-4b	PC	Construction and Demolition Environmental Resources Management Plan - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Recycling Plan to the CPM for review and approval.	Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018	11/1/2018	Completed	1/28/2019									JACOBS	GAL
390	WASTE	WASTE-4c	CONS	Waste Volumes Reported in MCR - See WASTE-4a	The project owner shall also document in each monthly compliance report (MCR) the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Construction and Demolition Waste Management Plan; and update the Construction and Demolition Waste Management Plan as necessary to address current waste generation and management practices.	Waste volumes and waste management methods in Monthly Compliance Reports	Monthly	Monthly		In Progress										ARB	GAL
391	WASTE	WASTE-5a	PC/CONS	Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	Prior to demolition of pipelines, buildings, and associated structures, project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results	Notify CPM of ACM survey results	Prior to demolition of pipelines, buildings, and associated structures	12/6/2018	2/13/2019	Completed	2/22/2019				Asbestos Survey: 2/13/2019 Garage Demo Plan: 2/20/2019	Asbestos Survey: 2/14/2019 Garage Demo Plan: 2/25/2019				AEC	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)												CBO Color Code:		Pre- Construction						
2	All Phases							6/30/2040							Construction						
3															Commissioning						
4				Revised 4/30/2019		Based on Final Staff Assessment									Operations						
5	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))		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
397		WASTE	WASTE-8b	COM/OPS	Revised OWMP - See WASTE-8a	The project owner shall submit any required revisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of notification from the CPM that revisions are necessary.	Conditional	Date Submitted to CPM	Not Started	Date Approved by CPM								SERC	DSR
398		WASTE	WASTE-8c	OPS	OWMP Report in ACR - See WASTE-8a	Project owner shall also document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generated and management	Status Report	Annual Compliance Report	12/31/2020											SERC	DSR
399		WASTE	WASTE-9	CONS/OPS	Unauthorized Release Response - The project owner shall ensure that all 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.	The project owner shall document all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors to the CPM. Information including the location of release; date and time of release; reason for release; volume released; amount of contaminated soil/material generated; how release was managed and material cleaned up; if the release was reported; to whom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved and actions taken to prevent a similar release or spill; and disposition of any hazardous wastes and/or contaminated soils and materials that may have been generated by the release.	Information about unauthorized release or spill	Within 48 hours of the date the release was discovered	3/1/2019 6/14/2019	Completed	3/7/2019 6/18/2019									SERC	GAL
400	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 specification). 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 CFPP 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				ARB	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)												CBO Color Code:	Pre- Construction							
2	All Phases							6/30/2040						Construction							
3														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
401	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 specification). 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 CPM a copy of a letter from 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 CFPP 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
402	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
403	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
404	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
405	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
406	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 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly		In Progress					Monthly					ARB	GAL
407	WORKER SAFETY	WORKER SAFETY-4	PC	Agreement to Fund Safety Monitor - The project owner shall make payments to the Delegate Chief Building Official (DCBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the DCBO. Those services shall be in addition to other work performed by the DCBO. The Safety Monitor shall be selected from an independent company not affiliated with the DCBO and report directly to the DCBO 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

[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:	Pre- Construction							
2	All Phases							6/30/2040						Construction							
3														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	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))		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
421	WORKER SAFETY	WORKER SAFETY-8b.2	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CBO for reference only.	UL 9540 certification and drawings and specifications for the ESS to the CBO.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started					(Ref only)					SERC	GAL
422	WORKER SAFETY	WORKER SAFETY-8c.1	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 9540 requirements for performing a field certification to the CPM	Letter from UL to CPM	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started										SERC	GAL
423	WORKER SAFETY	WORKER SAFETY-8c.2	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 9540 requirements for performing a field certification to the CBO	Letter from UL to CBO	At least 60 days prior to the start of construction of the BESS	11/1/2019		Not Started					(Ref only)					SERC	GAL
424	WORKER SAFETY	WORKER SAFETY-8e	CONS	Letter to OCFA - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA 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.	Copy of letter to OCFA offering to develop procedures	At least 60 days prior to commissioning of BESS	1/30/2020												SERC	GAL
425	WORKER SAFETY	WORKER SAFETY-8e.1	CONS	Letter to OCFA - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA 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 OCFA offering to develop procedures, to CBO for reference only.	At least 60 days prior to commissioning of BESS	1/30/2020							(Ref only)					SERC	GAL
426	WORKER SAFETY	WORKER SAFETY-8f	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	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		Not Started										SERC	GAL
427	WORKER SAFETY	WORKER SAFETY-8f.1	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	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							(Ref only)					SERC	GAL

Attachment 3 – Air Quality

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Irvine, CA 92612
United States
www.jacobs.com

Subject **Stanton Energy Reliability Center (16-AFC-1C)**
 Air Quality Monthly Compliance Report
 November 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 December 9, 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 November 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 November 2019, project construction activities occurred at both the SERC site and 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 at

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 November 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 November 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
SERC Site		
CAT	Rough Terrain Forklift	SF7A56
CAT	308E2 Excavator	DA7T55
CAT	259D Skid Steer loader	JX4T34
Deere	210I 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	600AJ Articulating Boom Lift	NL7M56
JLG	860SJ 85' Boom lift	SG9H76
JLG	Boom Lift	XM8N56
JLG	800AJ Boom Lift	SX6J96

Manufacturer	Equipment Name	EIN
JLG	660SJ Boom Lift	JJ6V59
Manitowoc	Manitowoc 999	TX5P83
Xtreme	XR1255 Forklift	VC6G63
Xtreme	XR2045 Forklift	VT6H48
SCE Site – Substation/Sub-transmission		
Bobcat	S770	VD5L46
Bobcat	E32	JX8N65
Caterpillar	450F	UU6G94
Caterpillar	450	MU4K93
Caterpillar	450	TL8K73
GEHL	RS5-19	NW8R57
JLG	1732	YL6547
SNORKEL	AB60J	EX9H48
SNORKEL	AB-85R	JY8C64
SNORKEL	A46JRT	GP3K57
SNORKEL	A46JRT	NL4F64

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. Maintenance letters for four pieces of equipment at the SCE site were not available at the time this report was prepared. These letters will be submitted as an addendum or with December's report when they are available.

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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.12.02 04:10:09
+08'00'

Date: 11/1/2019

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?	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:

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: 2019.11.04 15:48:21
+08'00'

Date: November 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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.12.02 04:11:15
+08'00'

Date: 11/5/2019

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?	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:

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: 2019.12.02 04:11:43
+08'00'

Date: 11/6/2019

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?	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:

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: 2019.12.02 04:12:37
+08'00'

Date: 11/7/2019

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?	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:

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: 2019.12.02 04:13:21
+08'00'

Date: 11/8/2019

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?	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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.12.02 04:14:37
+08'00'

Date: 11/11/2019

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?	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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.12.02 04:15:09
+08'00'

Date: 11/12/2019

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?	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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.12.02 04:15:51
+08'00'

Date: 11/13/2019

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?	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: 2019.12.02 04:16:19
+08'00'

Date: 11/14/2019

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?	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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.12.02 04:16:53
+08'00'

Date: 11/15/2019

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?	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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.12.02 04:17:52
+08'00'

Date: 11/18/2019

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?	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: 2019.12.02 04:18:18
+08'00'

Date: 11/19/2019

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: 2019.12.02 04:19:30
+08'00'

Date: 11/20/2019

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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.12.02 04:20:02
+08'00'

Date: 11/21/2019

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?	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: 2019.12.02 04:20:37
+08'00'

Date: 11/22/2019

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?	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:

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: 2019.12.02 04:21:18
+08'00'

Date: 11/25/2019

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?	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: 2019.12.02 04:21:43
+08'00'

Date: 11/26/2019

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: 2019.12.02 04:22:31
+08'00'

Date: 11/27/2019

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>NOV 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>11-1-19</i>	<i>1600</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-1-19</i>	<i>145</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-4-19</i>	<i>1020</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-4-19</i>	<i>215</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-5-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-5-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-6-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-6-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-7-19</i>	<i>1011</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-7-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-8-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-8-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-12-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-12-19</i>	<i>200</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>Nov 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>11-13-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-13-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-14-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-14-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-15-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-15-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-18-19</i>	<i>1040</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-18-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-20-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-20-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-21-19</i>	<i>1020</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-21-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-22-19</i>	<i>1020</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-22-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-25-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>11-25-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>~~~~~</i>							

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

Sweeping Log

[illegible]

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

Sweeping Log

[illegible]

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: 11-1-19

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: 11-2-19

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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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: 11-4-19

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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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: 11-5-19

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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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: 11-6-19

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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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: 11-7-19

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: 11-8-19

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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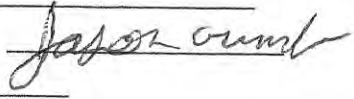
ADDITIONAL NOTES:

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

AQCMM or Delegate name: Jason Crumb

Form: SERC-CAQ-001

AQCMM or Delegate signature: 

Date: 11/12/19

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	no	

* 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: Jason Crumb

Form: SERC-CAQ-001

AQCMM or Delegate signature: *Jason Crumb*

Date: 11/13/19

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	no	

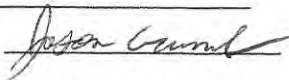
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Jason Crumb

Form: SERC-CAQ-001

AQCMM or Delegate signature: 

Date: 11/14/19

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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].	no	


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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: Jason Crumb

Form: SERC-CAQ-001

AQCMM or Delegate signature: 

Date: 11/15/19

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	no	

* 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: Ignacio Lamborn Jr
 AQCMM or Delegate signature: [Signature]
 Date: 11/14/19

Form: SERC-66KV_CAQ-001
(subtransmission)

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?	yes.	
Are speed limit signs posted at the main entrances?	yes.	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes.	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes.	
Are unpaved exits graveled or treated to prevent track-out?	yes.	
Are equipment and vehicles using designated onsite roads?	yes.	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes.	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes.	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes.	
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?	yes.	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes.	
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).	NO.	

* 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: Ignacio Hernandez Jr

AQCMM or Delegate signature: Igh Jr

Date: 11/15/19

Form: SERC-66KV_CAQ-001
(subtransmission)

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	NO	

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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:

Ignacio Lambayan Jr

AQCMM or Delegate signature:

[Signature]

Date:

11/18/19

Form: SERC-66KV_CAQ-001
(subtransmission)

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	NO	

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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: Ignacio Lumbana Jr

AQCMM or Delegate signature: [Signature]

Date: 11/19/29

Form: SERC-66KV_CAQ-001
(subtransmission)

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	no	

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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: Ignacio Lamborn Jr

AQCMM or Delegate signature: [Signature]

Date: 11/21/19

Form: SERC-66KV_CAQ-001
(subtransmission)

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	No	

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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: Ignacio Lambaren Jr
 AQCMM or Delegate signature: [Signature]
 Date: 11/22/19

Form: SERC-66KV_CAQ-001
(subtransmission)

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	NO	

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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:

Ignacio Lamborn Jr

AQCMM or Delegate signature:

Ignacio Lamborn Jr

Date:

11/25/19

Form: SERC-66KV_CAQ-001
(subtransmission)

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?	<i>yes</i>	
Are speed limit signs posted at the main entrances?	<i>yes</i>	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	<i>yes.</i>	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	<i>yes</i>	
Are unpaved exits graveled or treated to prevent track-out?	<i>yes</i>	
Are equipment and vehicles using designated onsite roads?	<i>yes.</i>	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	<i>yes.</i>	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	<i>yes.</i>	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	<i>yes</i>	
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?	<i>yes</i>	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	<i>yes.</i>	
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).	<i>NO</i>	

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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:

Ignacio Rodriguez Jr.

AQCMM or Delegate signature:

[Signature]

Date:

11/26/19

Form: SERC-66KV_CAQ-001
(subtransmission)

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	NO	

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ADDITIONAL NOTES:

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

SERC Offroad Diesel Equipment Inventory November 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>
2/4/2019	Onsite	VC6G63	SERC_001	Xtreme	XR1255 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	JJ6N58NLECT05659	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	Y55A98	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	ECR2353I - 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 - Variabe 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	210L Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A	John Deere Power Systems	FJDXL04.5212	4045HT072	4.52	2016	PE4045R108158	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	XR2045 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	JJGN58SNKEC705265	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	XR2045 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	11/21/2019	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 (AQCM) 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	11/4/2019	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	
11/4/2019	Onsite	DA7T55	SERC_038	CAT	308E2 Excavator	2014	FXJ01664	ARB	ARB	Kubota	EKBXL03.3EKD	C3.3B	3.3	2014	8EE2909	65	4	u-r-025-0614	Green Tag issued 11/21/2019	
11/4/2019	Onsite	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB	Deutz	GDZXL02.9020	TD2.9L4	2.92	2016	11867769	67	4	u-r-013-0506	Green Tag issued 11/21/2019	
11/19/2019	Onsite	JX4T34	SERC_040	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JBKXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 11/21/2019	

SERC Offroad Diesel Equipment Inventory November 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>
11/20/2019	Onsite	SX6J96	SERC_041	JLG	800AJ Boom Lift	2018	10790746	United Rentals	Newtron	Deutz	JDZXL02.9020	TD2.94L4	2.9	2018	12165591	67	4	u-r-013-0553	Green Tag issued 11/21/2019	
11/21/2019	Onsite	JJ6V59	SERC_042	JLG Boom Lift	660SJ Boom Lift	2018	300246305	Sunstate	ARB	Deutz	JDZXL02.9020	TD2.9L4	2.92	2018	12163940	67	4	u-r-013-0553	Green Tag issued 11/21/2019	

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: 2019.12.02 04:08:39 -08'00'

Date: 11/1/2019

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: 2019.11.04 15:46:20 -0800

Date: November 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:

Large Excavator delivered today.

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: 2019.12.02 03:50:05 -0800

Date: 11/5/2019

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: 2019.12.02 03:50:56 -08'00'

Date: 11/6/2019

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: 2019.12.02 03:51:32 -0800

Date: 11/7/2019

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: 2019.12.02 03:52:13 -0800

Date: 11/8/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	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: 2019.12.02 03:56:19 -0800

Date: 11/11/2019

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: 2019.12.02 03:56:48 -0800

Date: 11/12/2019

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: 2019.12.02 03:57:29 -0800

Date: 11/13/2019

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: 2019.12.02 03:58:09 -08'00'

Date: 11/14/2019

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: 2019.12.02 03:58:50 -0800

Date: 11/15/2019

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: 2019.12.02 04:00:11 -0800

Date: 11/18/2019

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: 2019.12.02 04:00:45 -08'00'

Date: 11/19/2019

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: 2019.12.02 04:01:42 -0800

Date: 11/20/2019

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: 2019.12.02 04:02:38 -0800

Date: 11/21/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	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:

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: 2019.12.02 04:03:28 -08'00'

Date: 11/22/2019

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: 2019.12.02 04:04:50 -0800

Date: 11/25/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	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: 2019.12.02 04:05:22 -0800

Date: 11/26/2019

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: 2019.12.02 04:05:57 -0800

Date: 11/27/2019

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:



December 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 *AQCMPEquipment 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
9/23/2019	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
11/4/2019	Onsite	DA7T55	SERC_038	CAT	308E2 Excavator	2014	FXJ01664	ARB	ARB
11/4/2019	Onsite	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB
11/19/2019	Onsite	JX4T34	SERC_040	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB
11/21/2019	Onsite	JJ6V59	SERC_042	JLG Boom Lift	660SJ Boom Lift	2018	300246305	Sunstate	ARB



Respectfully,

A handwritten signature in blue ink, which appears to read "Steven Fischer", is positioned below the word "Respectfully,".

Steven Fischer
ARB, Inc.
Project Manager



September 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	TXSP83	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
JLG BOOM LIFT 60' ART	LR7P73	10755669
SKYTRAK VARIABLE REACH FORKLIFT	HN6U33	10478100
JCB 7K VARIABLE REACH FORKLIFT	RV7M68	10507929
JLG BOOM LIFT 80' ART	SX6J96	10790746

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager

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

SERC 66 KV Interconnection - Offroad Diesel Equipment Inventory November 2019 (Substation)

				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	11/15/2019	VDSL46	SERC_66KV_01	Bobcat	S770	2017	AT5A12704	RJ ALLEN		Doosan	HDICL03.4LEA	D34P	3.4	2017	34P7031263LEL02	92	4F	u-r-019-0147-1	Green tag issued 10/22/2019	
10/21/2019	11/15/2019	UU6G94	SERC_66KV_02	Caterpillar	450F	2018	HJR00830	RJ ALLEN		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	11/15/2019	JX8N65	SERC_66KV_03	Bobcat	E32	2014	B2VV11390	RJ ALLEN		Doosan	EDICL01.8LEA	D18NAP	1.8	2014	D18NAP4001190E0	33	4F	u-r-019-0130	Green tag issued 10/22/2019	
10/21/2019	11/15/2019	MU4K93	SERC_66KV_04	Caterpillar	450	2019	OKJH00203	RJ ALLEN		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	10/28/2019	LP5P36	SERC_66KV_05	Lodril/John Deer	135G	2015	1FF135GXVEE400860	Howell Drilling	SCE	ISUZU	ESZXL03.0MXA	AM-4JJ1X	3	2014	1ZU4JJ1183849	103	4I	u-r-006-0386	Yellow tag issued 10/25, vehicle removed 10/28	No longer in use.
10/25/2019	11/15/2019	EX9H48	SERC_66KV_05	SNORKEL	AB60J	2015	AB60J-04-000074	SUNBELT/KING	SCE	KUBOTA	CKBSL02.4HAD	V2403		2015	7FC9905	NA	4I	u-r-025-0664	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	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	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	YL6547	SERC_66KV_07	JLG	1732	2019	160095409	SUNBELT/KING	SCE	DEUTZ	KDZXL03	TC03.6L4	3.6L	2019	12347466	NA	4F	u-r-013-0576/7/8/9	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	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	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	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	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	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	Green tag issued 11/12/2019	

SERC Offroad Diesel Equipment Inventory November 2019 (Sub-transmission)

[illegible]

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: 11-1-19

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:

"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: 11-2-19

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.
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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: 11-4-19

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.
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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.

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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: 11-5-19

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.
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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: 11-6-19

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.
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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: 11-7-19

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."

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: 11-8-19

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?	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:

"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: Jason crumb

Form: SERC-CAQ-003

AQCMM or Delegate signature: *Jason Crumb*

Date: 11/12/19

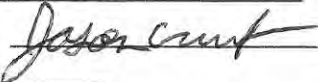
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	no	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment 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?	no	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?	yes	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?	yes	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?	no	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: Jason Crumb

Form: SERC-CAQ-003

AQCMM or Delegate signature: 

Date: 11/13/19

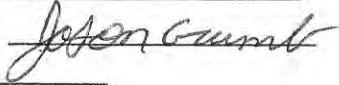
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	no	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment 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?	no	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?	yes	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?	yes	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?	no	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: Jason Crumb

Form: SERC-CAQ-003

AQCMM or Delegate signature: 

Date: 11/14/19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	no	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?	no	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?	yes	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?	yes	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?	no	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)

Form: SERC-CAQ-003

AQCMM or Delegate name: Jason Crumb

AQCMM or Delegate signature: *Jason Crumb*

Date: 11/15/19

	Response (yes/no)	Action
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)		
Has any off-road diesel equipment been delivered to the site today?	no	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?	no	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?	yes	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?	yes	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?	no	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: Ignacio Lambaren Jr
 AQCMM or Delegate signature: [Signature]
 Date: 11/14/19

Form: SERC-66KV_CAQ-003
(subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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?	NO	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?	yes	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?	yes	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?	NO	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:

Ignacio Hernandez Jr

AQCMM or Delegate signature:

[Signature]

Date:

11/15/19

Form: SERC-66KV_CAQ-003
(subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	<i>NO</i>	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?	<i>NO</i>	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?	<i>yes</i>	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?	<i>yes</i>	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?	<i>NO</i>	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:

Ignacio Lumbana Jr

AQCMM or Delegate signature:

[Signature]

Date:

11/18/19

Form: SERC-66KV_CAQ-003
(subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	<i>NO</i>	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?	<i>NO</i>	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?	<i>yes</i>	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?	<i>yes</i>	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?	<i>NO</i>	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:

Ignacio Lambaren

AQCMM or Delegate signature:

[Signature]

Date:

11/19/19.

Form: SERC-66KV_CAQ-003
(subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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.
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Are off-road engine fluid leaks visible?	NO	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:

Ignacio Lamborn Jr

AQCMM or Delegate signature:

I [Signature]

Date:

11/21/19

Form: SERC-66KV_CAQ-003
(subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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?	NO	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.
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Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	yes	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?	NO	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: Ignacio Hernandez Jr

AQCMM or Delegate signature: [Signature]

Date: 11/22/19

Form: SERC-66KV_CAQ-003
(subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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.
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Are off-road engine fluid leaks visible?	NO	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:

Ignacio Pamboran Jr

AQCMM or Delegate signature:

[Signature]

Date:

11/25/19

Form: SERC-66KV_CAQ-003
(subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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.
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Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	yes	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?	NO	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: Ignacio Fambro Jr
 AQCMM or Delegate signature: [Signature]
 Date: 11/26/19

Form: SERC-66KV_CAQ-003
(subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SCS)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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?	NO	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.
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Are off-road engine fluid leaks visible?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:



P.O. Box 3039
Riverside, CA 92519-3039

Phone: 951.682.2982
Fax: 951.788.0686

www.ilbinc.com
CA CCB# 782515

December 4, 2019

W Power, LLC- Stanton Energy Reliability Center
10670 Dale Avenue
Stanton, CA 90680.

Attn: Dustin Swenson
Project Compliance

Re: Maintenance and Inspection of Equipment

Dear Mr. Swenson,

This letter confirms that ILB performs daily inspections and required maintenance at the regularly scheduled intervals, as required by each manufacturer for all on-site equipment below.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
11/14/2019	Onsite	TL8K73		CATERPILLAR	450 / BACKHOE	2019	KJH00159	ILB	N/A
Future Date	Future Date	TX7D55		WIRTGEN	W60 Ri / COLD MILLING MACHINE	2019	1505.1287	ILB	N/A
Future Date	Future Date	PW4E96		DYNAPAC	F1200C / PAVING MACHINE	2016	10002122VHG002147	ILB	N/A
Future Date	Future Date	RN8K49		CATERPILLAR	CB34B / ROLLER	2017	XB400347	ILB	N/A
12/5/2019	Onsite	CF7H64		CATERPILLAR	450F / BACKHOE	2017	HJR00724	ILB	N/A

Respectfully,


Sal Guzman, Jr.

Div. Manager/Fleet Manager
International Line Builders, Inc.
Southern California Division.
2520 Rubidoux Blvd, Riverside, CA 92509
Cell (951)202-6163 | E-Mail Sal.Guzman@ilbinc.com | www.ilbinc.com

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
 November 2019**

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
 SERC CEC Designated Biologist

Date: December 6, 2019

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

1. Introduction

This November 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from November 1 through November 30, 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 November 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 November 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 November 1 through November 30, 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 November 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 November 2019. A list of wildlife species observed during monitoring is included in Appendix B.

2.4 Wildlife Injuries and Mortalities

No injured or dead wildlife species were observed within the SERC project locations during the November 2019 reporting period.

2.5 Hazardous Material Spills

No hazardous material spills occurred at the project site during the November 2019 reporting period.

2.6 Non-Compliance Report

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

3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 57 persons completed the SERC WEAP training in November 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix C.

Appendix A
Biological Resources Compliance
Monitoring Logs

Stanton Energy Reliability Center (SERC)**BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG**

Date		Monitor		Time (Begin-End)
11/4/2019		Will Molland-Simms		0615-1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
54 @0630	0-5	0.0	Unlimited	Clear, light winds

Location(s) of Work Site Activities Monitored

Work occurred today exclusively at the Barre substation.

0615- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foremen, Jason Crumb and Robert Dixon. Mr. Crumb advised that four new crew members needed training today.

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 were either covered, had wooden ramps leading from the excavations, or contained dirt berms allowing for potentially trapped wildlife to exit the trench.

0645- Mr. Crumb conducted a tailboard going over the work plan for the day and relevant safety concerns. He, along with Mr. Dixon, advised the crew would be continue excavating in multiple spots within the substation as well as pouring cement in excavations that were completed. He advised that cement trucks would be making multiple trips throughout the day. Mr. Dixon was reminded that all new excavations should be ramped or covered. Mr. Crumb advised that crews would be working on electrical systems throughout the substation today. Two additional crew members, SWPPP inspectors, came forward and advised they needed WEAP training.

0700- A WEAP training was carried out for the six new crew members to the site.

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. Once the area was cleared, the crew worked on installing conduit and other piping in the trench. The crew worked in this manner throughout the day. Other SCE crews framed and otherwise worked with the electrical structures throughout the site.

0745- Designated Biologist, Ava Edens, was contacted and advised that only 8 WEAP stickers remained on-site. She advised that she would obtain more stickers and bring them to the site tomorrow, 11/5.

0930- The first cement truck arrived on-site, and cement was poured into the excavations. Cement trucks came to the site for the duration of the morning.

1100- The crews broke for lunch.

1200- The crew continued working on excavations and installing conduit.

1330- Project Manager, Travis Tolliver, contacted Mr. Molland-Simms and requested to know if the crew would be working next Monday, November 11th, due to the Veterans Day holiday. Mr. Molland-Simms asked SCE foreman, Jason Crumb, and he advised the crews would not be working on Monday in honor of the holiday.

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.

1500- Mr. Molland-Simms left the site for the day.

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, Eurasian collared dove, Black phoebe, house finch, western kingbird, Anna's (?) hummingbird, common raven, American crow, house sparrow, mourning dove, rock pigeon, northern mockingbird.

Photo 1



Location	Description
Barre Substation	A covered excavation observed on-site. Looking north.

Photo 2



Location	Description
Barre Substation	The crew reviewing future work planned throughout the substation. Looking south.

Photo 3



Location	Barre Substation	Description	The crew excavating in the main pit and working on conduit. Looking north.
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Photo 4



Location	Barre Substation	Description	The crew working on electrical systems in the substation. Looking north.
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Photo 5



Location	Description
Barre Substation	Pouring cement into the excavations at the main pit. Looking west.

Photo 6



Location	Description
Barre Substation	Continued excavation and conduit work at the Barre substation. Looking east.

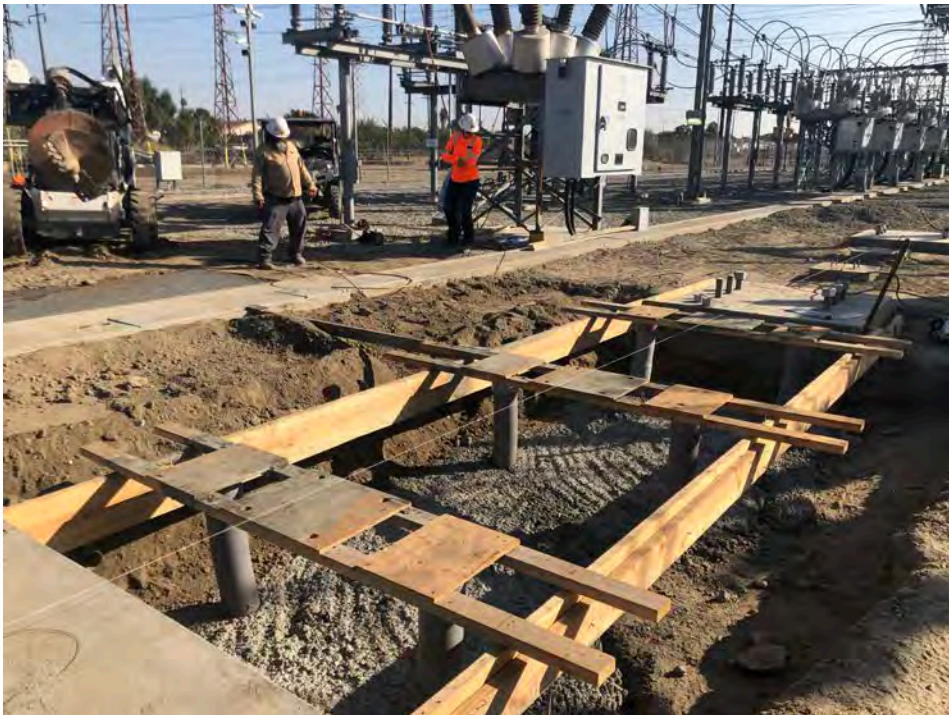
Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
November 5, 2019		Ava Edens (DB)		1230-1545
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
76 – 77	0 - 5	0 in	Good	Clear and sunny
Location(s) 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>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 Ravenswood Drive (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> <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"> Six stray cats observed at the end of the day near the SERC entrance off Fern Ave. Cat food is being left out side of the project area, along the sidewalk. It is unknown who is feeding the cats. 				
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>), American Kestrel (<i>Falco sparverius</i>), northern mockingbird (<i>Mimus polyglottos</i>), and house finch (<i>Haemorhous mexicanus</i>).</p>				

Photo 1



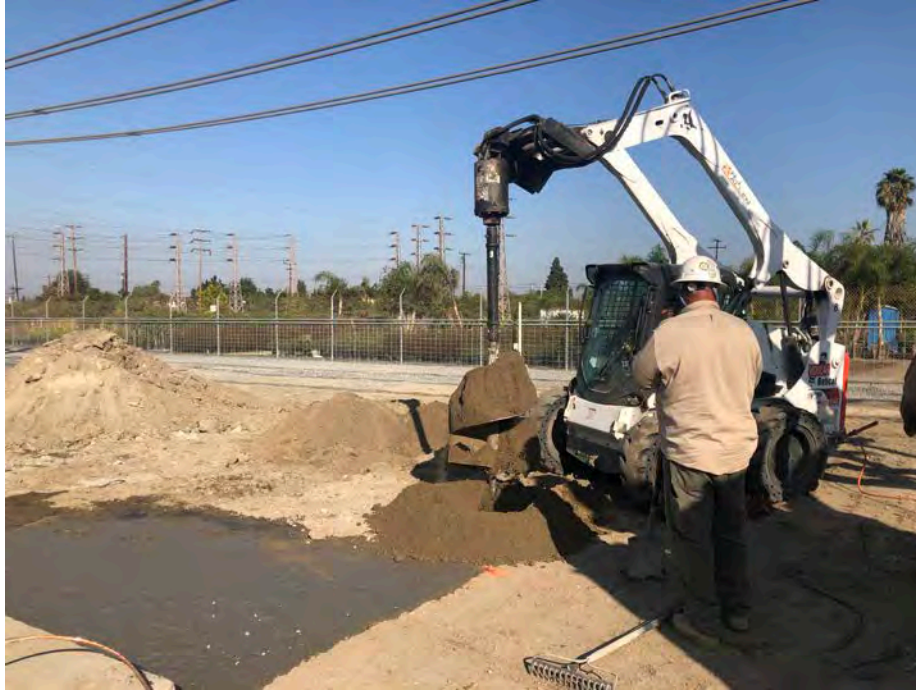
Location	Barre Substation – SCE Gen-Tie Line	Description	View east-southeast of construction for SCE's Gen-Tie Line at the eastern edge of the Barre Substation.
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Photo 2



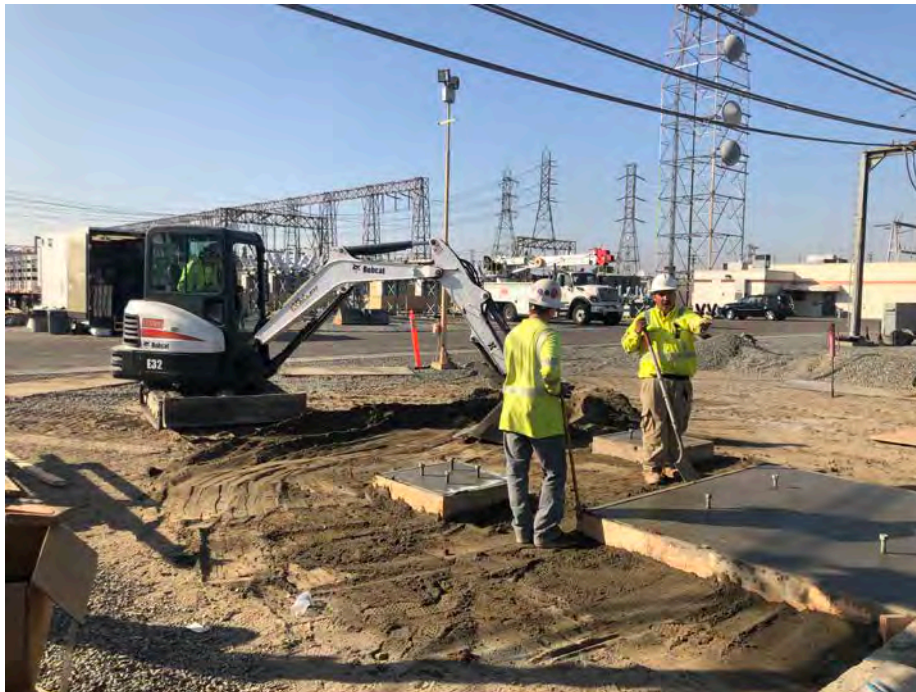
Location	Barre Substation – SCE Gen-Tie Line	Description	View southeast of excavation for SCE's Gen-Tie Line at the eastern edge of the Barre Substation.
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Photo 3



Location	Barre Substation – SCE Gen-Tie Line	Description	View northeast of excavation for SCE’s Gen-Tie Line at the eastern edge of the Barre Substation.
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Photo 4



Location	Barre Substation – SCE Gen-Tie Line	Description	View northwest of construction for SCE’s Gen-Tie Line at the eastern edge of the Barre Substation.
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Photo 5



Location	Greek Orthodox Church Laydown Yard	Description	View south-southwest of the Greek Orthodox Church Laydown Yard being used by SoCal Gas for the natural gas pipeline.
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Photo 6



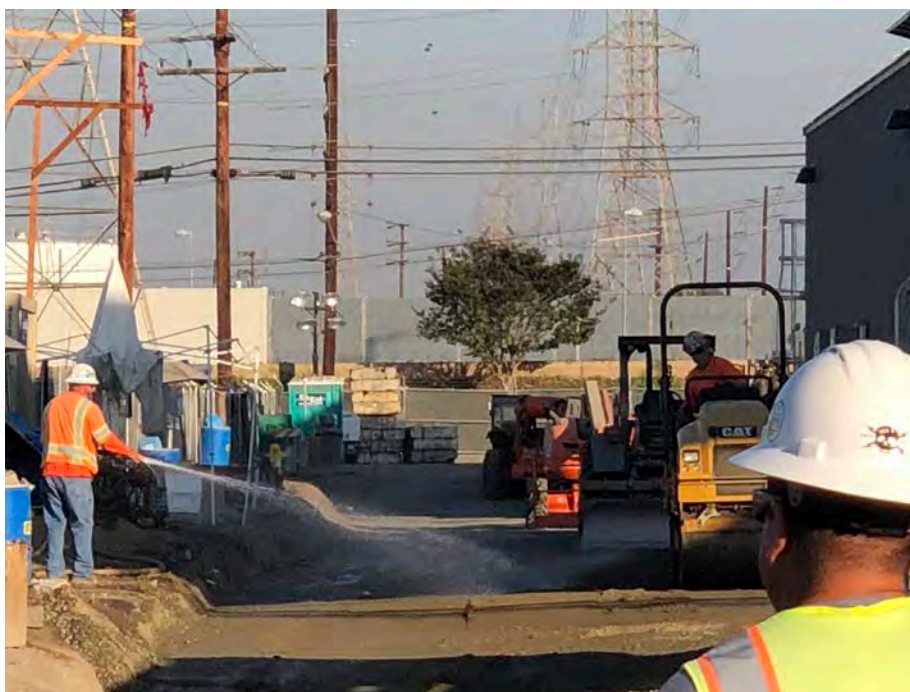
Location	Dale Avenue Gas Pipeline	Description	View east-northeast at the Dale Avenue and Westhaven Drive intersection at ongoing pipeline construction and installation.
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Photo 7



Location	SERC – Eastern Parcel	Description	View east from south portion of the Eastern SERC parcel at ongoing construction activities.
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Photo 8



Location	SERC – Eastern Parcel	Description	View east at dust suppression efforts on the Eastern SERC parcel.
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Photo 9



Location

SERC – Western Parcel

Description

View southwest of break/lunch area at the end of the work day. Trash is covered and no food trash was observed.

Photo 10



Location

SERC – Western Parcel

Description

View north-northwest of SERC entrance off Fern Avenue at the end of the workday. Stray cats observed in the area and are being fed by public off-site.

Stanton Energy Reliability Center (SERC)**BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG**

Date		Monitor		Time (Begin-End)	
11/8/19		William Roberts		0630-1230	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
57-84	Calm	n/a	Clear		
Location(s) of Work Site Activities Monitored					
<p>Barre Substation</p> <p>0630 Biologist arrived on-site and met with foreman Bob Dixon. He told the biologist that underground work was expected to be finished in the substation today after ground cables were attached and the trenches backfilled.</p> <p>0645 A tailboard was held with Bob Dixon and Jason Crumb discussing the plan for the day. Work in the trenches would continue near the racks along with above ground electrical work throughout the substation. The biologist advised crews to ramp open trenches at the end of the day.</p> <p>0700 Work began with a mini-ex trenching a small area near the recently poured concrete. Electrical work commenced to the north of the excavations.</p> <p>1130 All ground cables were connected and a mini-ex began backfilling the trenches.</p> <p>1200 Work began to wrap up because the electrician spotter for the digging crew left for the day. The trenches were backfilled except for an approximately 15 ft long section that will need to be finished on Tuesday. The trench was about a foot deep and very gently sloped on all sides.</p> <p>1230 The site was checked by the biologist and no compliance concerns were observed. The biologist left the site.</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, Eurasian collared dove, black phoebe, house finch, western kingbird, mourning dove, northern mockingbird					

Photo 1



Location

Barre Substation

Description

Work area prior to construction activity

Photo 2



Location

Barre Substation

Description

Work area during a break

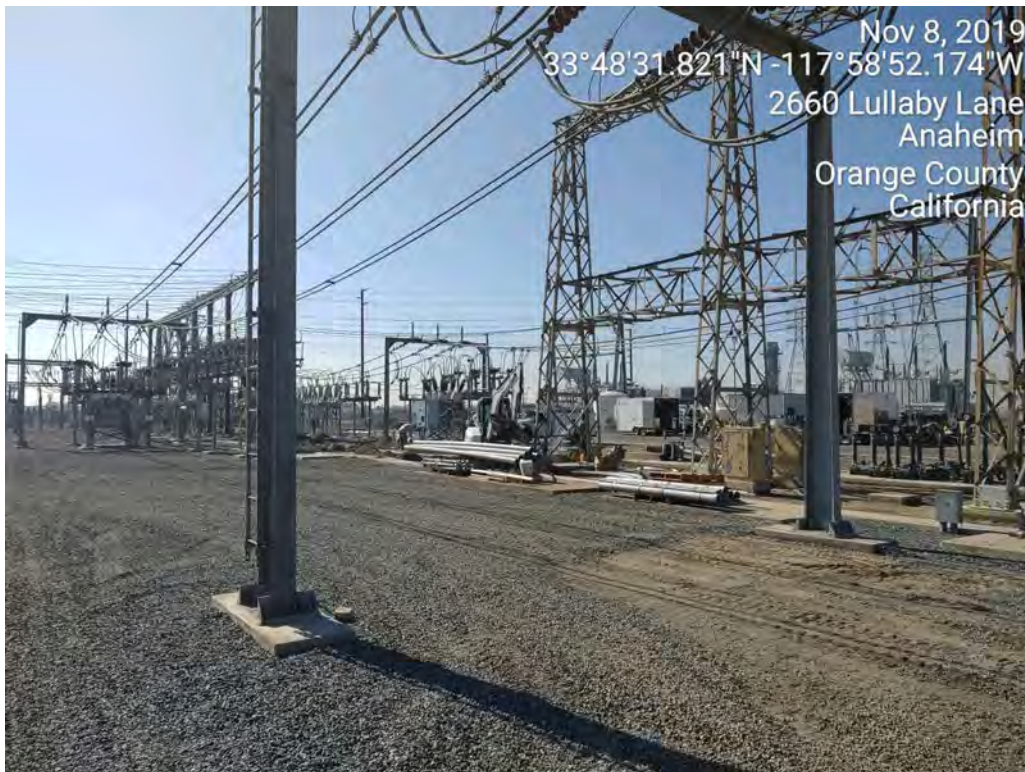
Photo 3



Nov 8, 2019
33°48'30.651"N -117°58'52.561"W
10670 Dale Avenue
Stanton
Orange County
California

Location	Description
Barre Substation	Open trenches with ground cables waiting to be connected.

Photo 4



Nov 8, 2019
33°48'31.821"N -117°58'52.174"W
2660 Lullaby Lane
Anaheim
Orange County
California

Location	Description
Barre Substation	Mini-ex digging while a worker applies water to control dust.

Photo 5



Location	Barre Substation	Description	Work site at the end of the day with sloped ends.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
November 12, 2019		Ava Edens (DB)		1000-1300
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67 - 68	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>Western Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.</p> <p>Eastern Laydown – Activities included parking and storage 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>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 Ravenswood Drive (south). Activities included trenching, pipe installation, and saw cutting concrete.</p> <p>SCE:</p> <p>Gen-Tie Line – Monitored 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> <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>Morning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), American crow (<i>Corvus brachyrhynchos</i>), northern mockingbird (<i>Mimus polyglottos</i>), and house finch (<i>Haemorhous mexicanus</i>).</p>				

Photo 1

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



Location	SERC – Western Laydown and Parcel	Description	View south-southeast of ongoing construction on the western SERC parcel from the western laydown yard.
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Photo 4



Location	SERC – Western Laydown	Description	View east of the western laydown yard adjacent to the SERC site.
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Photo 5



Location	SERC – Eastern Laydown and Parcel	Description	View southeast of ongoing construction on the eastern SERC parcel from the eastern laydown yard.
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Photo 6



Location	SERC – Eastern Laydown and Parcel	Description	View south-southeast of ongoing construction on the eastern SERC parcel from the eastern laydown yard.
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Photo 7



Location	SERC – Western Parcel	Description	View west of the parking and trailers on the Western SERC parcel.
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Photo 8



Location	Greek Orthodox Church Laydown Yard	Description	View south of the Greek Orthodox Church Laydown Yard being used by SoCal Gas for the natural gas pipeline.
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Photo 9



Location

Dale Avenue Gas Pipeline

Description

View north along Dale Avenue at Stoneybrook Drive intersection at ongoing pipeline construction and installation.

Photo 10



Location

Dale Avenue Gas Pipeline

Description

View south along Dale Avenue at Stoneybrook Drive intersection at ongoing pipeline construction and installation.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
11/14/19		William Roberts		0630-1320
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
57-71	Calm	n/a	Cloudy then clear	
Location(s) of Work Site Activities Monitored				
<p>Barre Substation</p> <p>0630 Biologist arrived on-site and set up for a WEAP presentation.</p> <p>0700 8 employees of International Line Builders (ILB) were trained and received their WEAP stickers</p> <p>0900 2 employees of SCE were trained and received their WEAP stickers</p> <p>1000 A job walk occurred along the proposed trenching line with the 2 SCE employees and 5 of the ILB employees including superintendent Ignacio Lambara and the foreman on site, Gregory Tellez. Plans to avoid underground utilities along with the location of the staging area were discussed. An area just north of the railroad tracks, off of Dale st was chosen for its convenience but also the presence of security cameras.</p> <p>1100 The ILB foreman along with 3 workers laid down plastic and put wattles around the edges to create an area that will contain spills, for storing equipment. Other equipment such as a backhoe, generator, and traffic signs were dropped off at the site.</p> <p>1320 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. The biologist left the site.</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:				
<p>common Raven, American crow, rock pigeon, Eurasian collared dove, black phoebe, red-tailed hawk, house finch, western kingbird, mourning dove</p>				

Photo 1



Location	Description
Vault 2 location	Location of vault number 2 to the south of the substation

Photo 2



Location	Description
Vault number 1	Workers measuring off the dimensions of a vault

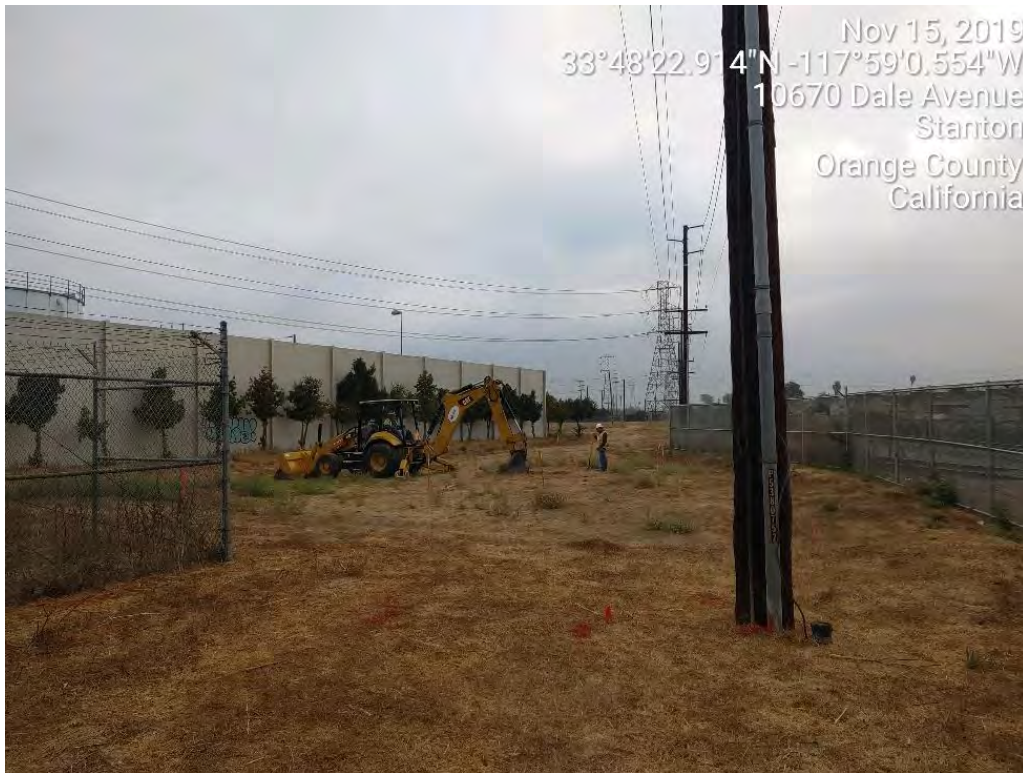
Photo 3



Location	Staging area	Description	Staging area with plastic and wattles to prevent spills
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
11/15/19		William Roberts		0630-1530
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
57-69	Calm	n/a	Cloudy then clear	
Location(s) of Work Site Activities Monitored				
<p>Barre Substation</p> <p>0630 Biologist arrived on-site and met with Gregory Tellez and his crew for a tailboard. Gregory outlined the plan for the day which was to pothole in 4 locations including both vaults. He also emphasized to his crew the need to ramp or cover any trenches.</p> <p>0700 3 ILB workers began potholing with a backhoe at vault location #2 (closer to Peaker) while two others began potholing with hand tools alongside the Barre substation, next to the nursery. At the same time, Sunmin Choi, an employee of Paleo solutions, received WEAP training.</p> <p>1000 The backhoe was temporarily finished at vault location #2 and it moved to vault location #1 (closer to Barre). Workers with hand tools finished working alongside the fence, backfilled the holes they dug, and moved to vault location #2.</p> <p>1330 With the other work complete the crew moved back to vault #2 to finish one more pothole. The pothole at vault location #1 was backfilled upon completion. Due to the crew finding copper wiring in a location near vault #2 extra potholes were needed which were dug with the backhoe.</p> <p>1515 Potholing was finished and all the holes except one were backfilled. The one not backfilled was covered with plywood.</p> <p>1530 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. The biologist left the site.</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:				
<p>common Raven, American crow, rock pigeon, Eurasian collared dove, black phoebe, red-tailed hawk, house finch, western kingbird, mourning dove, California gull</p>				

Photo 1



Location

Vault 2 location

Description

Backhoe digging at vault number 2 near Peaker plant

Photo 2



Location

Barre Substation

Description

Workers potholing along the proposed trench line.

Photo 3



Location	Vault #2	Description	Backhoe excavating the second pothole near vault #2
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Photo 4



Location	Vault #1 near Barre	Description	Backhoe excavating a pothole near vault #1
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Photo 5



Location	Vault #1	Description	Vault #1 backfilled and ramped
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Photo 6



Location	Vault #2	Description	Plywood covering a pothole near vault #2
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date	Monitor			Time (Begin-End)
11/19/19	William Roberts			0630-1700
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
60-74	Calm	n/a	Partly cloudy	
Location(s) of Work Site Activities Monitored				
<p>Barre Substation</p> <p>0645 A tailboard was held during which ILB foreman Gregory Tellez went over the plan for the day which was to install vault #2.</p> <p>0700 Work began with a backhoe hauling steel plates to the location of vault 2 to be used for supporting the walls of the excavation. A water truck was also present watering down the work site.</p> <p>0800 A backhoe began excavating vault 2 and loading the dirt into two dump trucks that unloaded it approximately 300 ft to the east. The dump site is the same one used during the excavation for vault 1 the previous day.</p> <p>0845 WEAP training was provided for an ILB worker and a ULM/SCE worker.</p> <p>1000 WEAP training was provided for an SCE employee.</p> <p>1200 The excavation on vault 2 was complete and a crane arrived on site along with the vault.</p> <p>1300 The vault was installed using the crane and cement trucks began arriving to pour around the vault.</p> <p>1615 The cement pour stopped with approximately one foot left before ground level. Crews, using a backhoe and dump truck, backfilled the vault with fill that was removed during the excavation.</p> <p>1700 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. The biologist left the site.</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: One open trench was covered with plywood.</p>				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> N/A 				
Wildlife Species Observed:				
<p>common Raven, American crow, rock pigeon, Eurasian collared dove, Say's phoebe, red-tailed hawk, house finch, western kingbird, mourning dove, California gull</p>				

Photo 1



Location	Vault 2 location	Description	Vault 2 near Peaker plant prior to construction
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Photo 2



Location	Barre Substation	Description	Stockpile from vault 1 excavation which occurred on Nov 18 th
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Photo 3



Location	Vault #2	Description	Backhoe excavating vault #2
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Photo 4



Location	Vault #2	Description	Cement being added to vault 2 while a crane hoists out the forms used to support the excavation.
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Photo 5



Location	Vault 2	Description	Cement being added to Vault 2
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Photo 6



Location	Vault #2	Description	vault #2 after backfilling
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
11/21/19		William Roberts		0630-1700
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
52-65	0-3	n/a	Partly cloudy	
Location(s) of Work Site Activities Monitored				
<p>Barre Substation</p> <p>0645 A tailboard was held during which ILB foreman Gregory Tellez went over the plan for the day which was to begin trenching, beginning from vault 2 and moving east.</p> <p>0700 Work began with a backhoe being used to move conduit from a flatbed truck to sections along the proposed trenching route. Extra plywood that is used for supporting the trench was also staged nearby the trenching operation.</p> <p>0715 One more ILB worker was WEAP trained. Meanwhile the backhoe operator began trenching at vault 2. Fill from the trenching was loaded into dump trucks and taken to the stockpile to the east. Due to the nature of the ground, which is sand like, and the recent rains, no dust resulted from this activity.</p> <p>0800 As trenching progressed plywood boards were placed along the insides of the trench and supported with metal braces. This allowed workers to safely enter the trench and begin the process of installing conduit. As segments of the conduit were installed wire was pulled through them. During this time another flatbed arrived on site and workers began disassembling the forms that were used to support the excavations for the vaults.</p> <p>1100 The forms used for the vault excavations were removed from site.</p> <p>1215 A cement truck arrived and began filling areas of the trench where the conduit was installed. Cement trucks continued arrived, filling the trench to approximately a foot below ground level except for on both ends where the conduit was still exposed.</p> <p>1600 The last cement truck left the site and workers began closing off the ends of the conduit and covering the deep parts of the trench with plywood boards and metal sheets. The section in the middle that had concrete poured on it was approximately a foot from ground level and was left open. The concrete was set enough to prevent animals from becoming stuck. Boards were placed at two locations to allow small animals a way out should they fall in.</p> <p>1700 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. Two deep sections of the trench were covered, and escape ramps were placed in the shallow portions. The conduit that was exposed at either end was covered to prevent animals from entering. The biologist left the site.</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: Both ends of the trench were covered with plywood and escape ramps were placed in the shallow section in the middle.</p>				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> N/A 				
Wildlife Species Observed:				
Eurasian collared dove, common Raven, American crow, house wren, rock pigeon, , Say's phoebe, red-tailed hawk, house finch, western kingbird, mourning dove, California gull, black phoebe				

Photo 1



Location	Description
Vault 2 location	Vault 2 near looking west prior to trenching

Photo 2



Location	Description
Vault 2	Trenching beginning

Photo 3



Location	Vault #2	Description	Backhoe trenching east while workers install plywood boards to prevent a cave in while conduit is placed in the trench
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Photo 4



Location	Vault #2	Description	Cement being added near vault 2
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Photo 5



Location	Vault 2	Description	The trench at the end of the day looking east with metal plates covering the deeper part of the trench where the conduit is exposed.
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Photo 6



Location	Peaker Plant	Description	Looking towards vault 2 at the end of the day. Plywood is covering the deeper part of the trench.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
November 22, 2019		Cara Snellen		1030-1300
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67 - 69	1 - 2	0.0 in	Good	Clear to partly cloudy
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 pipe fabrication and movement of equipment/materials. No construction occurring during spot check; drip pans present under idle equipment.</p> <p>Eastern Parcel – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.</p> <p>Western Laydown – Activities include equipment storage and movement of equipment/materials.</p> <p>Eastern Laydown – Activities included parking and storage 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>SoCal Gas Sites:</p> <p>Greek Orthodox Church Laydown – Activities include movement and storage of materials and office management (office trailers).</p> <p>Dale Avenue Natural Gas Pipeline – Active sections extended from Dale Jr. High School (north of Ball St.) to halfway between Chanticleer and Cerritos Ave (south). Activities included trenching, pipe installation, and saw cutting concrete.</p> <p>SCE:</p> <p>Gen-Tie Line – Activities include 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> <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: Northern mockingbird (<i>Mimus polyglottos</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</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	Ongoing construction activities in the SERC East parcel, facing northwest.
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Photo 2



Location	SERC –Western Parcel	Description	View of the SERC Western parcel, facing southeast.
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Photo 3

Location	SERC – Eastern Laydown (SCE Parcel)	Description	Movement of materials in the Eastern Laydown, facing northeast.
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Photo 4

Location	SERC – Western Laydown (SCE Parcel)	Description	Ongoing construction support activities in the Western Laydown, facing northwest.
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Photo 5



Location	Dale Avenue Gas Pipeline	Description	Installation of pipeline north of intersection of Dale Ave and Ball St., facing east.
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Photo 6



Location	Dale Avenue Gas Pipeline	Description	Excavation for pipeline at south end of Dale Ave and Ball St. intersection, facing northeast.
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Photo 7



Location	Barre Substation – SCE Gen-Tie Line	Description	Ongoing construction activities of the SCE Gen-Tie Line in at the eastern edge of the Barre Substation, facing west.
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Photo 6



Location	Barre Substation – SCE Gen-Tie Line	Description	Ongoing construction activities of the SCE Gen-Tie Line in at the eastern edge of the Barre Substation, facing west.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
November 25, 2019		Cara Snellen		1200-1445
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
66 - 68	5 - 10	0.0 in	Good	Clear to partly cloudy
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 pipe fabrication, electrical work, and movement of equipment/materials.</p> <p>Eastern Parcel – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.</p> <p>Western Laydown – Activities include parking, equipment storage, and movement of equipment/materials.</p> <p>Eastern Laydown – Activities include parking, pipe/materials fabrication, and storage 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>SoCal Gas Sites:</p> <p>Greek Orthodox Church Laydown – Activities include pipe fabrication, movement and storage of materials, and office management (office trailers).</p> <p>Dale Avenue Natural Gas Pipeline – Active sections extended from south of Crescent Ave./Greek Orthodox Church Laydown (north) to north of Lincoln Ave. (south) and Dale Jr. High School (north of Ball St.) to Winston Ave. (south). Activities included asphalt paving concrete (Crescent section), concrete pour, trenching, and pipe installation.</p> <p>SCE:</p> <p>Gen-Tie Line – Activities include construction on gen-tie line at Barre Substation and trenching south of the nursery (east of the substation fenceline).</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> <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: American crow (<i>Corvus brachyrhynchos</i>), Northern mockingbird (<i>Mimus polyglottos</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), side blotched lizard (<i>Uta stansburiana</i>)</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	Ongoing construction activities in the SERC East parcel, facing east.
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Photo 2



Location	SERC – Western Parcel	Description	Electrical work in the Western parcel, facing southeast.
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Photo 3



Location	SERC – Eastern Laydown (SCE Parcel)	Description	Pipe fabrication activities in the Eastern Laydown, facing southwest.
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Photo 4



Location	SERC – Western Laydown (SCE Parcel)	Description	View of the Western Laydown, facing northwest.
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Photo 5



Location	Dale Avenue Gas Pipeline	Description	Asphalt paving of Dale Avenue pipeline between Crescent Ave. and Lincoln Ave., facing northeast.
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Photo 6



Location	Dale Avenue Gas Pipeline	Description	Concrete pour following pipe installation in trench north of Ball St., facing northeast.
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Photo 7



Location	Dale Avenue Gas Pipeline	Description	Trench excavation at intersection of Ball St. and Dale Ave., facing northeast.
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Photo 8



Location	Dale Avenue Gas Pipeline	Description	Pipe installation in trench south of Ball St./Dale Ave. intersection., facing east.
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Photo 9



Location	Dale Avenue Gas Pipeline	Description	Overview of the Greek Orthodox Church Laydown, facing south.
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Photo 10



Location	Barre Substation – SCE Gen-Tie Line	Description	Ongoing construction activities of the SCE Gen-Tie Line in at the eastern edge of the Barre Substation, facing west.
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Photo 11

**Location**

Barre Substation – SCE Gen-Tie Line

Description

Trench excavation for the SCE Gen-Tie Line south of the nursery directly east of the Barre Substation fence, facing south.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
11/25/19		Jonathan Gunther		0645-1600
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
50-68	0-7	n/a	Partly cloudy	
Location(s) of Work Site Activities Monitored				
<p>Barre Substation</p> <p>0645 Biologist arrived onsite and discussed the plan of the day with ILB foreman Gregory Tellez. The crew would continue laying conduit and backfilling the existing trenches while further excavating from the vault at the northern section.</p> <p>0700 a flatbed truck delivered several pallets of conduit. The westernmost section of the trench was backfilled as conduit was installed further east and north along the trench</p> <p>0800 Excavation using the backhoe began from the northern vault and working south to connect with existing trench. As trenching progressed plywood boards were placed along the insides of the trench and supported with metal braces. This allowed workers to safely enter the trench and begin the process of installing conduit. As segments of the conduit were installed wire was pulled through them.</p> <p>0900 A cement truck arrived and begin filling areas of the trench where conduit was installed.</p> <p>1100 One new ILB worker received WEAP training</p> <p>1230 After lunch cement trucks continued to arrive for backfilling with as many as four trucks being on site.</p> <p>1600 Work was complete for the day and the site was checked by the biologist. No compliance concerns were observed. All but one small section of the trench was backfilled completely with cement and covered with loose spoils. The incomplete section which was still damp was sloped in addition to being covered with plywood. The foreman ensured the biologist that the crews would continue to ramp/cover all new trenches as well as inspect conduit for wildlife before placing it in trenches.</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"> N/A 				
Wildlife Species Observed:				
<p>Eurasian collared dove, house sparrow, rock pigeon, Say's phoebe, red-tailed hawk, house finch, mourning dove, black phoebe, white-crowned sparrow, yellow-rumped warbler, American kestrel, palm warbler, blue-gray gnatcatcher, California scrub-jay, Northern mockingbird, lesser goldfinch</p>				

Photo 1



Location	Description
Western trench	Looking SE along trench as work started in morning.

Photo 2



Location	Description
Substation boundary	Delivery of conduit

Photo 3

Date & Time: Mon, Nov 25, 2019, 08:19:58 PST
Position: +033.807531° / -117.981035° (±32.8ft)
Altitude: 84ft (±9.8ft)
Datum: WGS-84
Azimuth/Bearing: 177° S03E 3147mils True (±14°)
Elevation Angle: -14.2°
Horizon Angle: -00.5°
Zoom: 1.0X



Location	Description
Substation boundary	Early stages of excavating the trench from the northern vault.

Photo 4

Date & Time: Mon, Nov 25, 2019, 13:02:51 PST
Position: +033.806259° / -117.981044° (±214.6ft)
Altitude: 66ft (±32.8ft)
Datum: WGS-84
Azimuth/Bearing: 003° N03E 0053mils True (±79°)
Elevation Angle: -05.2°
Horizon Angle: -00.8°
Zoom: 1.0X



Location	Description
Trench	Facing North along trench as it is backfilled with cement.

Photo 5



Location	Description
Northern limits of trench	Backfilling cement

Photo 6



Location	Description
Northern limits of completed trench	Looking South after backfilling the trench was complete.

Photo 7



Location	Trench	Description	The final section of the trench that will need to be covered with spoils. Damp section covered with plywood to avoid animal entrapment.
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Appendix B

Wildlife Species List

**Observed Wildlife Species List
November 1 – November 30, 2019
Stanton Energy Reliability Center**

Common Name	Scientific Name	Status Federal/State/Other
Birds		
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>	--/--/--
Blue-gray gnatcatcher	<i>Polioptila caerulea</i>	--/--/--
California gull	<i>Larus californicus</i>	--/--/--
California scrub-jay	<i>Aphelocoma californica</i>	--/--/--
Cassin's kingbird	<i>Tyrannus vociferans</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
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mourning dove	<i>Zenaidura macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Palm warbler	<i>Setophaga palmarum</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/NP
Say's phoebe	<i>Sayornis saya</i>	--/--/--
Western kingbird	<i>Tyrannus verticalis</i>	--/--/--
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	--/--/--
Yellow-rumped warbler	<i>Setophaga coronata</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)

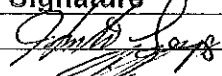

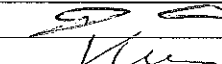
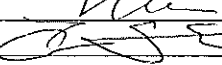

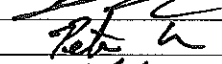
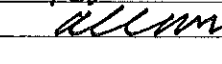
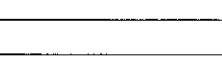
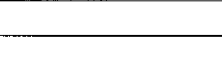
Appendix C

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.

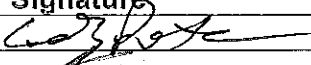
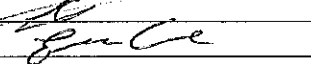

No.	Employee Name	Company	Signature	Date
1.	HUMBERTO LOPEZ	AR B		10/28/19
2.	OSCAR PADILLA	NEUTRON		10/30/19
3.	Kyle Story	NEUTRON		10/30/19
4.	JESUS CORREA	NEUTRON		10/31/19
5.	Ken Zheng	H & R Labs		11/1/19
6.	Anthony Stumpf	Gregg Drilling		11-1-19
7.	Christian Renteria			
8.	Drew Hogenhuizen	PCL		11-1-2019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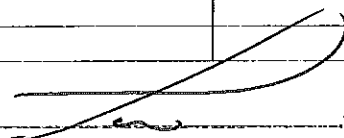
Trainer: T. DRAPER Signature:  Date: 10/28/19

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Stanton Energy Reliability Center (SERC) Project, Orange County, California
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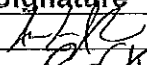
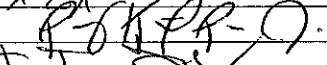
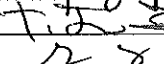
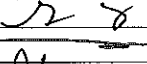
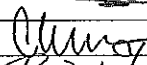
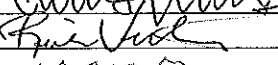
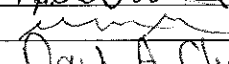
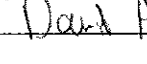
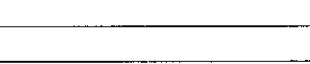
No.	Employee Name	Company	Signature	Date
1.	Cody Porter	GE		11-8-19
2.	Timothy Witzel	ARB		11-7-19
3.	Eric Colato	ARB		11-8-19
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Trainer: T. DRAPER Signature:  Date: 11/4/19

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
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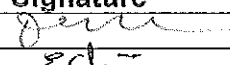
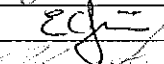
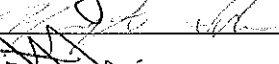




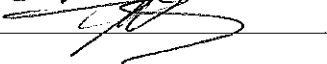
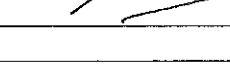
No.	Employee Name	Company	Signature	Date
1.	Aaron Anderson	Nolan Power		11/11/19
2.	Rodney Reel	Nolan Power		11/11/19
3.	THOMAS J. LOURNOY	NEUTRON		11/13/19
4.	GERMAN RAMIREZ	NEUTRON		11/13/19
5.	COLE QUINN	NEUTRON		11/13/19
6.	Chris Helms	SERC		11/13/19
7.	RICHARD VENTURA	NEUTRON		11/14/19
8.	GERSON REYES	NEUTRON		11/14/19
9.	David A. Chavez	CMC		11/19/19
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Trainer: T. DRAPER Signature:  Date: 11/11/19

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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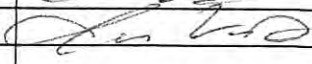
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1.	DENNIS DOKOSHENKIN	NEUTRON		11/18/19
2.	EC SIMMONS	Wellhead		11-18-19
3.	Margarito Bana	ARB		11/18/19
4.	JUSTIN DEARNA	ARB		11-18-19
5.	Josiah Newby	Neutron		11-18-19
6.	KEVIN DYKENS	NEUTRON		11-20-19
7.	DUSTIN MORROW	NEUTRON		11-20-19
8.	CONSTANTINE CASTELLAN	CMC		11/21/19
9.	OSCAR ESPERANZA	CMC		11/21/19
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Trainer: T. DRAPER Signature:  Date: 11/18/19

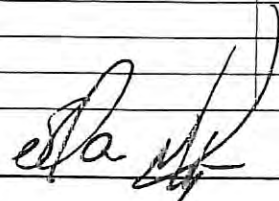
Certification of Completion of Worker Environmental Awareness Education Program

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.	Alexander Valdez	Doty		11/4/19
2.	Alberto Valdez	Dots, Inc		11/4/19
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Trainer: ALAIN MEYER

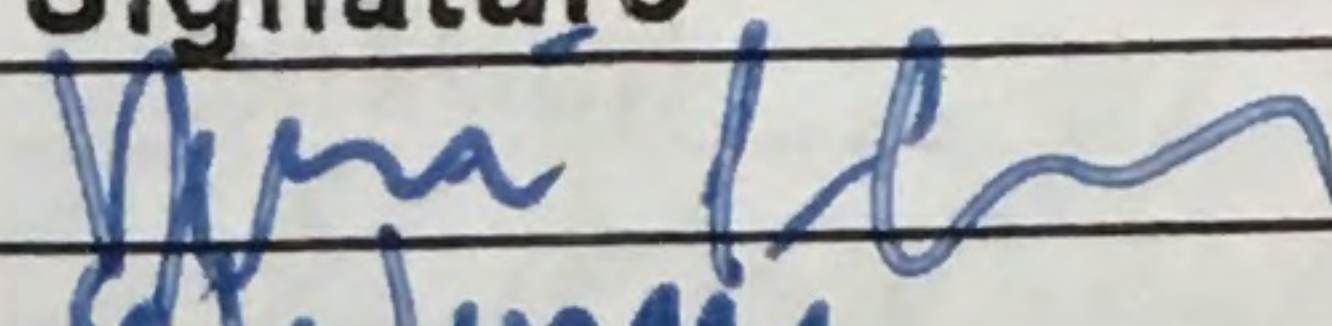
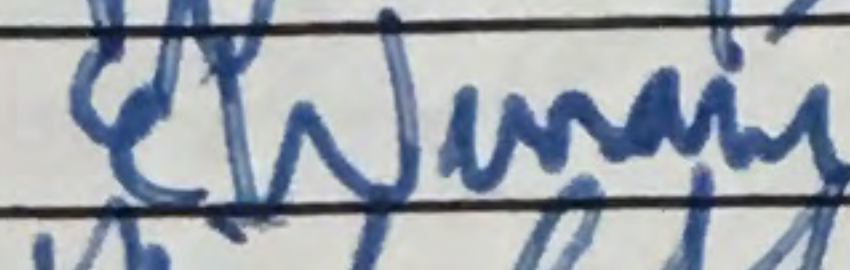
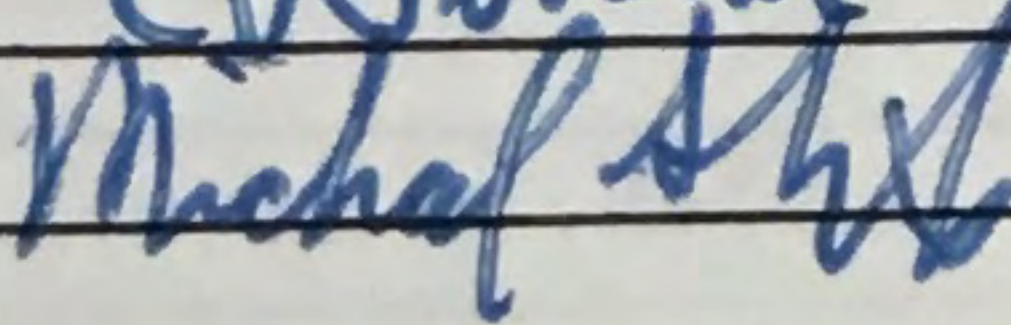
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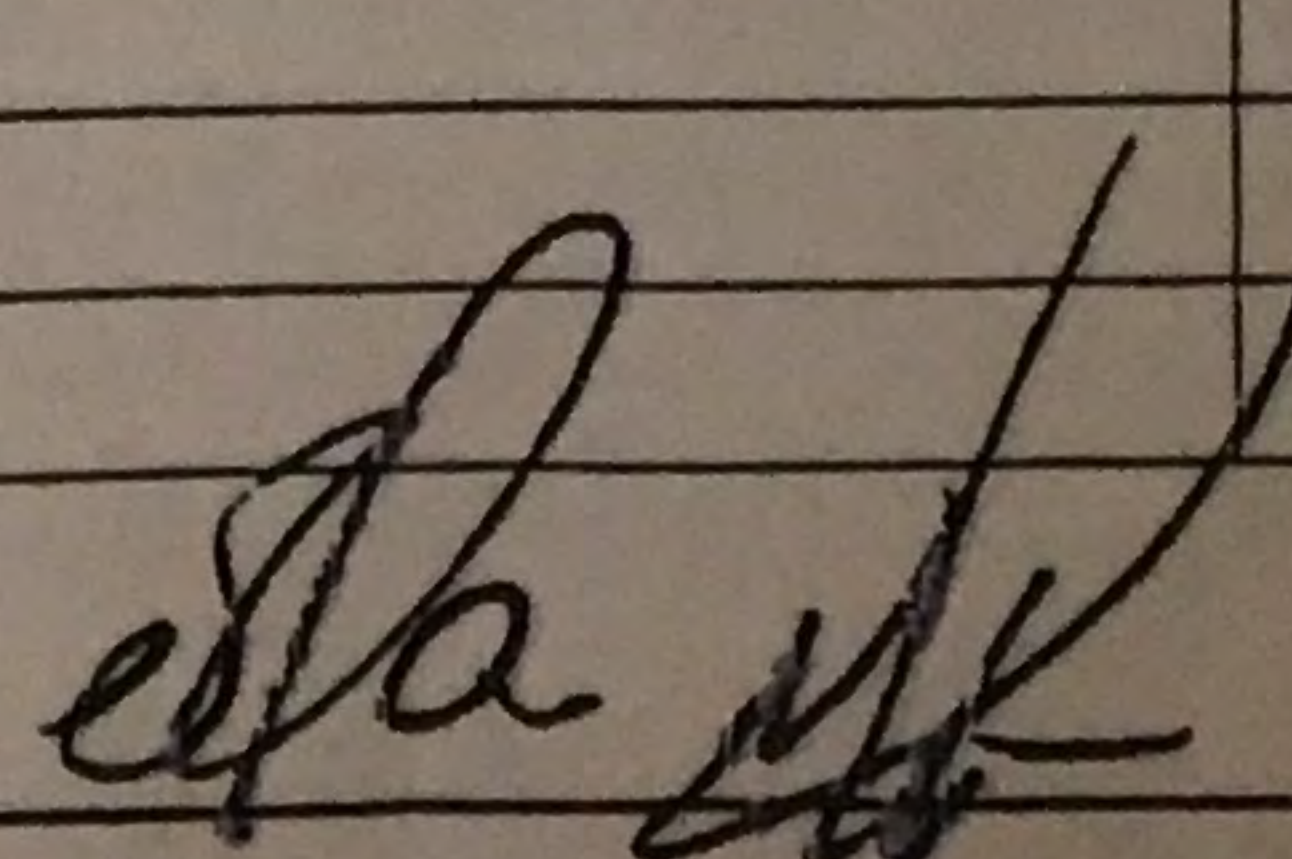
Date: 11/4/19

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.	Davis, Cheryl	TECHCORP		11/13/19
2.	Eric Winans	TECHCORP		11/13/19
3.	Michael Shigley	Prime		11-12-19
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Trainer: ALAIN MEYER Signature:  Date: 11/12/19
MB

Certification of Completion of Worker Environmental Awareness Education Program

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No.	Employee Name	Company	Signature	Date
1.	Mary H. Shockley	PaleoWest	<i>Mary H. Shockley</i>	11/13/2019
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Trainer: ALAIN MEYER Signature: *Alain Meyer* Date: 11/13/19

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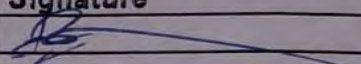
No.	Employee Name	Company	Signature	Date
1.	Megan DORAM	Jacobs/Palomar	Megan Doram	11/20/19
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Trainer: ALAN MEYER Signature: [Signature] Date: 11/20/19

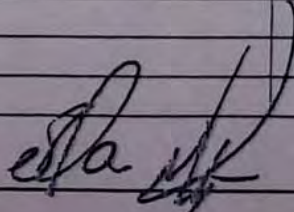
Certification of Completion of Worker Environmental Awareness Education Program

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No.	Employee Name	Company	Signature	Date
1.	Ryan Noriness	Polco West		11/25
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Trainer: ALAN MEYER

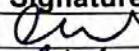


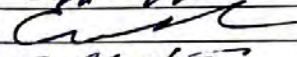
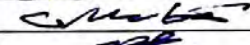

Signature: 

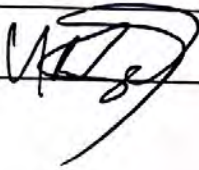
Date: 11 / 25 / 19

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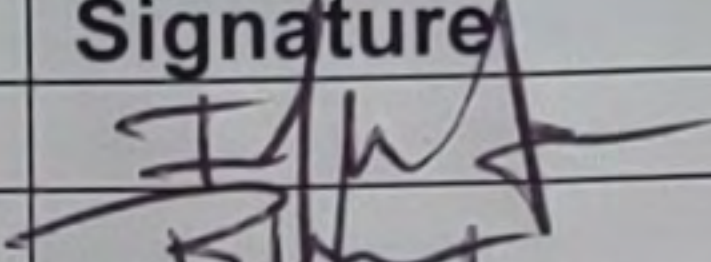
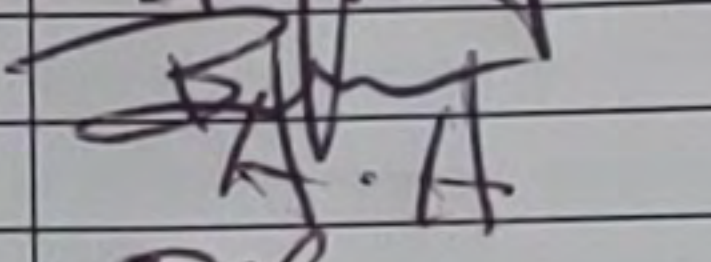
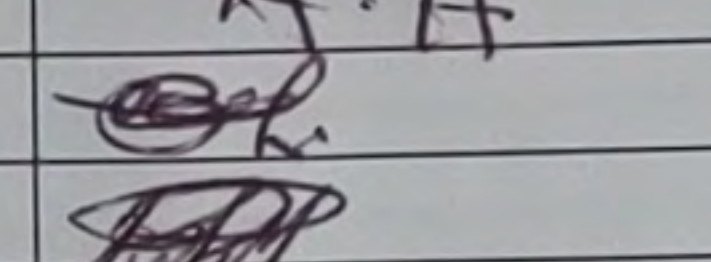
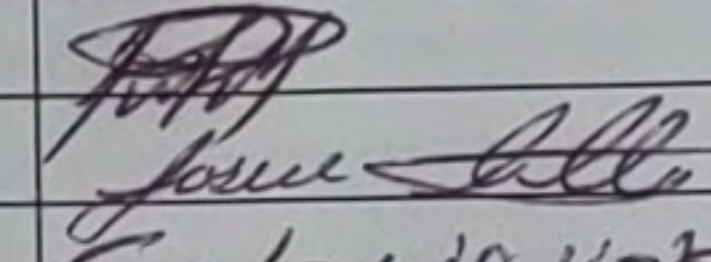
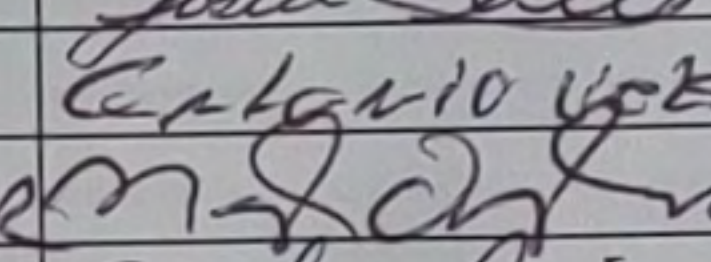
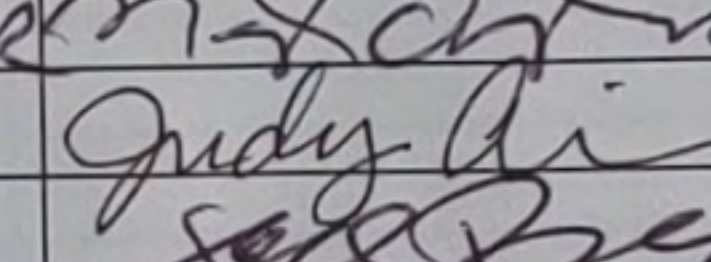
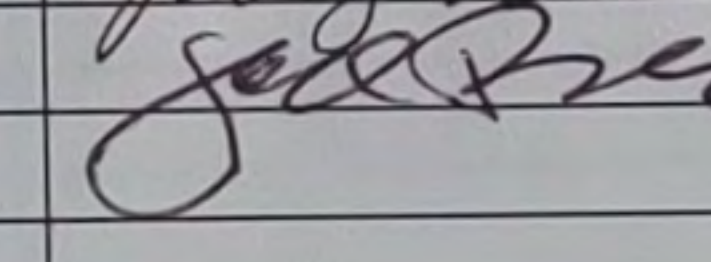
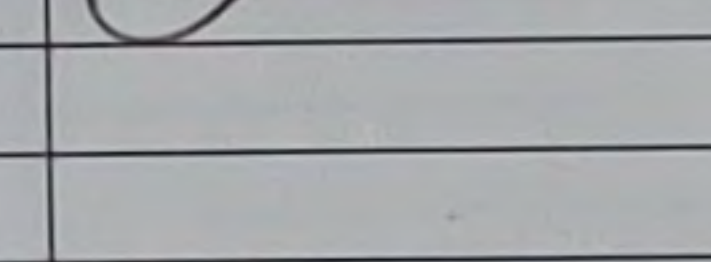
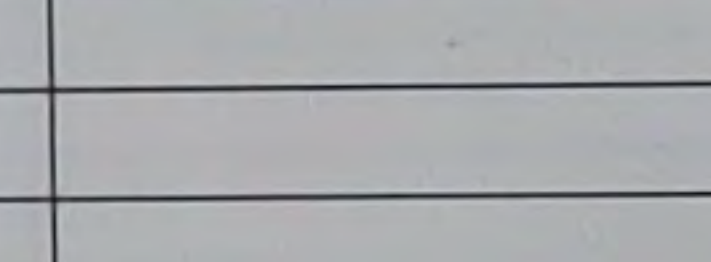
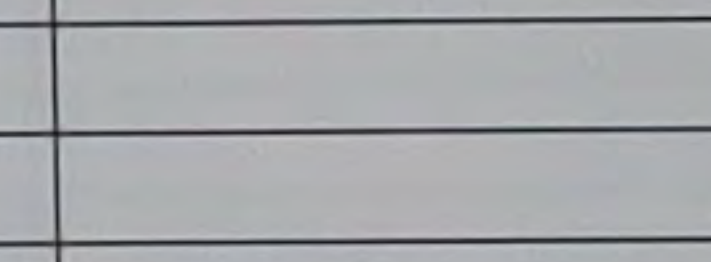
No.	Employee Name	Company	Signature	Date
1.	CARLOS Johnson	SCE		11/4/19
2.	Rolando Bermudez	SCE		11/4/19
3.	Andrew Manos	SCE		11/04/19
4.	CHRIS Gonzalez	SCE		11/04/19
5.	Connor Prentiss	ERM		11/04/19
6.	PARM JHANSEN	ERM		11/4/19
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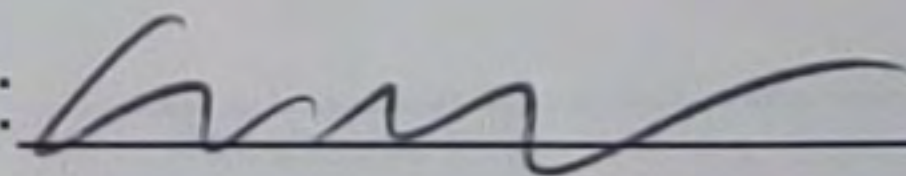
Trainer: Will Moller Signature:  Date: 11/4/2019

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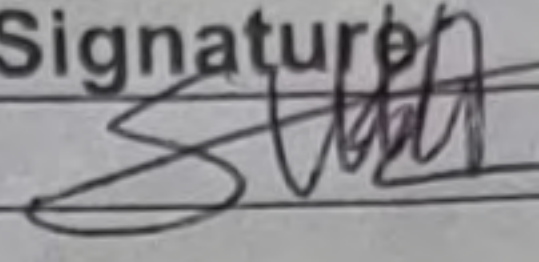
No.	Employee Name	Company	Signature	Date
1.	Ignacio Lambaren Jr	I.L.B.		11/14/19
2.	BEN WEAVER	ILB		11/14/19
3.	A. Aguila	ILB		11/14/19
4.	Salvador L. B. Velez	ILB		11-14-19
5.	Argonio Teller	I-LB		11-14-19
6.	Josue Teller	ILB		11-14-19
7.	Antonio Velez	ILB		11-14-19
8.	MANUEL ORNELAS	ULM/SCE INSPECTOR		11-14-19
9.	Judy ARTINO	SCE		11-14-19
10.	Joel Boudor	SCE		11-14-19
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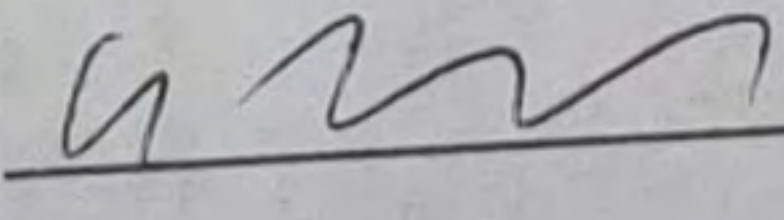
Trainer: Will Roberts Signature:  Date: 11/14/19

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No.	Employee Name	Company	Signature	Date
1.	SunMin Choi	Paleo Solutions		11/15/19
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Trainer: Will Roberts Signature:  Date: 10/15/19

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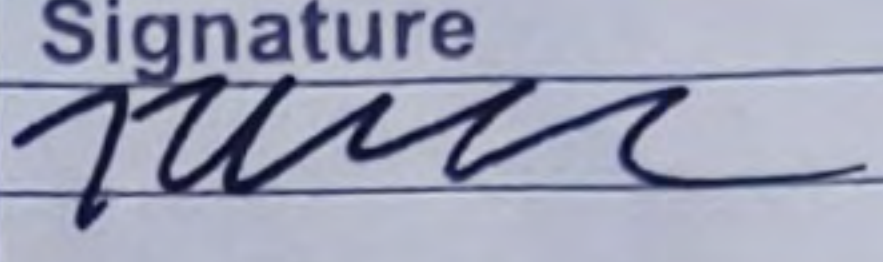
No.	Employee Name	Company	Signature	Date
1.	Lee Cowan	ILB	Lee Cowan	11-19-19
2.	Jim Lister	ULM/SCE	Jim Lister	11-19-19
3.	ROBIN CASTRO	SCE	Robin Castro	11/19/19
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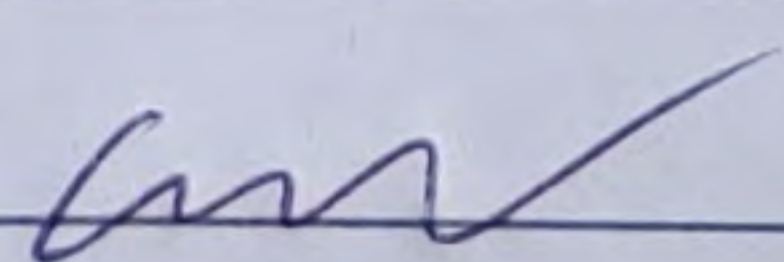
Trainer: Will Roberson Signature: [Signature] Date: 11/19/19

Certification of Completion of Worker Environmental Awareness Education Program

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No.	Employee Name	Company	Signature	Date
1.	NICHOLAS BRESSMER	ILB		11-21-19
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Trainer: Will Roberts Signature:  Date: 11/21/19

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No.	Employee Name	Company	Signature	Date
1.	SALMONS, K. K.			11/25
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Trainer: Jonathan Gunter Signature:  Date: 11 / 25 / 2019

Attachment 5 – CIVIL

MEMORANDUM – DCBO APPROVAL

DATE: October 16, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Jennifer Peterson, PE, Civil Engineer
NV5, Inc.
jennifer.peterson@nv5.com
858-385-2130

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_CIVIL-1-1.0_GRADING & DRAINAGE_191011_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 Jennifer
Peterson
Reason:
Reviewed for
Code
Compliance
Date: 2019.10.16
11:43:25 -07'00'

Attachment 6 – Cultural Resources

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

This November 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from November 1 through November 30, 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

PaleoWest Archaeology personnel active in monitoring this period were: Alternate Cultural Resources Specialists Gloriella Cardenas and Natalie Lawson, as well as Cultural Resources Monitors (CRMs) Ryan Rolston, Jennifer McElhoes, Cynthia Morales, John McDermott, Ryan Nordness, and Mary Hillis Shockley monitored the SERC plant site and SoCalGas pipeline during this reporting period.

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

TABLE 1

Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
11/1/19	4	1
11/04/19	4	1
11/5/19	4	2
11/6/19	4	1
11/7/19	4	1
11/8/19	4	1
11/12/19	4	1
11/13/19	4	1
11/14/19	4	1
11/15/19	4	1
11/18/19	4	1
11/21/19	4	1
11/22/19	4	1
11/25/19	4	1
11/26/19	4	1
Total CRM/NAM-Days	60	15

Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Friday November 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 00+00 to 114+50 along Dale Avenue and extended up to 9 ft below the current street surface.

Native sediments were observed at various pipeline trench stations at approximately 2 ft to 9 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

No new discoveries of cultural resources were made during this reporting period.

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 Sun Min Choi and Morgan Bender.

NAM for this reporting period was Robert Dorame.

Ground disturbing activities subject to cultural monitoring commenced November 2, 2019 and consisted of drilling for bases and I-Beams, utility vault excavations and

trenching for piping.

Date	CRMs	NAMs
11/2/19	1	1
11/4/19	1	1
11/5/19	1	1
11/18/19	1	1
11/19/19	1	1
11/21/19	1	1
11/22/19	1	1
11/25/19	1	1
11/26/19	1	1
Total CRM/NAM-Days	9	9

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	<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 	In compliance <ul style="list-style-type: none"> The CRMMP has been prepared

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
Plan (CRMMP)	participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.	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. 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 	In compliance <ul style="list-style-type: none"> The CRS or CRM has monitored ground disturbance. 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. 	In compliance <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	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.	In compliance <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 November 1 through

November 26, 2019, a total of 57 persons completed the SERC WEAP training. The hard copy training logs for the November 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 are expected to continue. Additionally, limited work at the SERC plant site is proposed along the storm sewer system in December. Work by SCE at the Barre Substation will also continue in December. 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
November 2019**

Prepared For: Doug Davy/Jacobs
Karen Parker/Jacobs

Prepared By: Niranjala Kottachchi/PaleoWest

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

Personnel Active in Paleontological Monitoring This Period

PaleoWest's Principal Investigator, Niranjala Kottachchi conducted the paleontological monitoring program for the Project. David Alexander was the primary Paleontological Resources Monitor (PRM) for this month. Additional paleontological monitors on site during this reporting period included Tara Redinger, Patrick Riseley, and Richard Serrano.

Pipeline construction by SoCal Gas requiring paleontological monitoring continued throughout the month of November. 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. Southern California Edison (SCE) continued excavations at the Barre substation. Paleontological monitoring was conducted by Daniel Nolan of PaleoSolutions. These activities are incorporated in the table below.

Table 1. Monitoring and Associated Activities This Period

Week	Station #	Activity	Stratigraphy
1	91+56, 144+00, 90+10	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene silt and sand down to 5 feet. Below 5 feet have clay rich layer with high organics, at 7 feet, silty sand appears with increasing sand with depth.

Week	Station #	Activity	Stratigraphy
2	91+90 to	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	92+70,		
	90+50 to		
	90+80,		
	0+00 to		
	0+25,		
	92+70 to		
	93+00,		
	94+00 to		
	94+25,		
	93+00 to		
	93+67,		
	94+25 to		
	95+45,		
	0+00 to		
	0+12,		
	93+67 to		
	93+90,		
	95+45 to		
	97+60,		
	0+20 to		
	0+30,		
	97+50 to		
	97+65,		
	98+00 to		
	101+00		
	(potholing),		
	0+00 to		
	00+20,		
	03+52 to		
	03+77 (bell hole),		
3	97+65 to	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	98+60,		
	99+00 to	Bell hole excavations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	100+15,		
	Dale Ave and Lincoln Rd	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	97+80 to		
	98+30,	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	100+15 to		
	100+95,		
	102+40 to		
	102+70,		
	103+90 to		

Week	Station #	Activity	Stratigraphy
	104+20		
	Dale Ave and Ball Rd	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Upper 8 feet appears to consist of disturbed sediment. Below 8 feet, have Holocene sediments light grayish brown, fine to medium sands, silts, and clays down to 14 feet depth.
	South of Barre substation (SCE)	Excavation and potholing of vaults 100 feet x 1.5 feet x 14 feet	
4	104+20, 105+50 to 107+00, 104+60 to 105+35, 106+20 to 107+00, 105+30 to 105+85, 106+20 to 106+60, 105+50 to 106+95, 108+15 to 108+30, 110+00 to 111+00, 106+60 to 106+70, 110+50 to 111+00, 107+50 to 112+25	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	South of Barr substation (SCE)	Excavation of vault 20 feet x 10 feet x 14 feet, and a vault 50 feet x 2 feet x 6- 12 feet	Holocene brown to dark brown, fine to medium sands, silts, and clays down to 12-14 foot depth

Week	Station #	Activity	Stratigraphy
5	111+10 to 111+90, 112+30 to 112+60, 105+45 to 107+50, 111+90 to 114+05, 106+75 to 108+85	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 9 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	South of Barre substation	Excavation of trench 70 feet x 2 feet x 6-12 feet and a trench 50 feet x 2 feet x 6-12 feet	Holocene brown, fine to medium sands and silts to a depth of 12 feet.

Paleontological Resources Discoveries This Period

No paleontological resources were discovered during the month of November 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 December. In addition, ARB will resume excavations at the main plant facility.

Comments, Issues or Concerns

None to report.

Attachment A
Daily Monitoring Logs



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/1/2019 8:54:13 AM

Project Location: Dale and stonybrook

Weather:

Clear and sunny

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline co.

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+56 to

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 by 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:

Monitoring as needed on Monday

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/1/2019 6:46 AM

Project Location: On Dale at Standustrial, 144

Weather:

Crisp in the morning 45 degrees

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 15:30

Construction Company: Southeast construction.

Contact(s): Allen

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, 144+00. Also, 2 machines at Dale and Bella at 90+10.

Scope of Construction Work Monitored/Equipment Used:

Backhoe

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

Started digging at station 90+10 with Steve 1 they were digging down to 7ft depth. The other Steve crew had moved down to the HDD insertion point at standustrial to dig 3ft more back from the insert point. His went down to a maximum of 14.5 ft. They finished a hour after they started digging at 9:30 so I went back up to Bella to watch the other crews continue digging for the rest 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:

Monitored with John, Jen, and Ryan

Plan for tomorrow:

Continue digging down Dale

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/1/2019 10:26:45 AM

11/1/2019 1:08:21 PM



North, at standustrial at the HDD entry way. They had to extend the trench 3 ft north.



North, finished pipeline work by Steve's crew.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/4/2019 9:53:08 AM

Project Location: Dale Ave and stonybrook dr

Weather:

Clear and sunny

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+90 to 92+70 and 90+50 to 90+80

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:

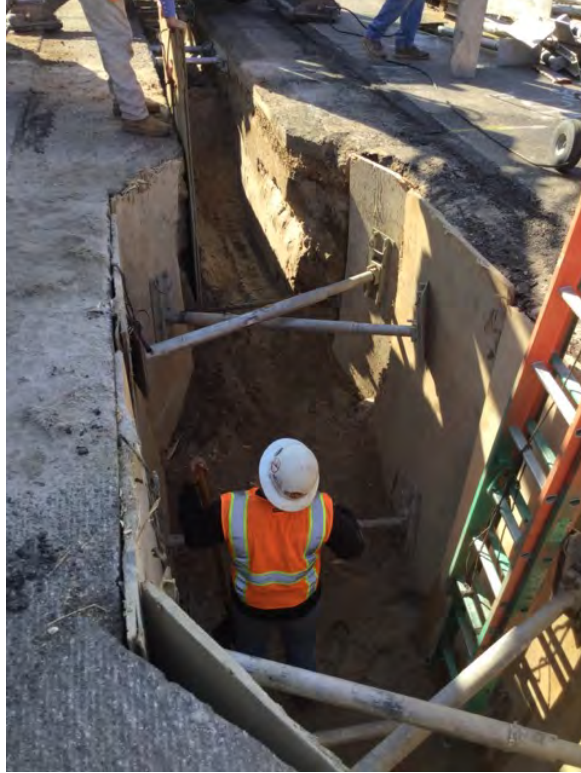
Plan for tomorrow:

Continue trenching

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/4/2019 9:57:20 AM



Bell hole station 92+00



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Project

Date: 11/4/2019 9:07:20 AM

Project Location: Buena Park

Weather:

Clear calm 80 degrees F

Monitor(s): priseley

Work Start Time: 0700 hrs

Work End Time: 1630 hrs

Construction Company: SE Pipeline Construction

Contact(s): Alain Miers

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

☒ Yes ☐ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 0+00 to 0+25

Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F rubbertired backhoe and tandem axle dump trucks. Concrete saw.

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

Tie-in at 30 inch diameter gas main. Dig 18 inches below bottom of 30 inch main then to planter in middle of La Palma Avenue. Excavation began some time after 1300hrs and contractor requested that extra hours be granted to complete one-bell hole at station 0+00. The rest of the day was spent cutting and grinding the pavement.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Safety meeting emphasized vigilance regarding traffic making illegal left turns. Excavation encountered 10" AC, 6" AB and approximately 8 feet of loose light gray-tan fine to coarse sand fill with miscellaneous clods of dark-brown oil-impregnated sand.

Lithologic Description(s):

Observations of Paleontological Resources:

I had intent to take a 50 lb microvertebrate test of silty f to coarse sand which I have observed further to the south

Additional Comments:

Plan for tomorrow:

Continue digging bell hole at gas linear station 0+00'. Acquire 50lb matrix sample at bottom of excavation.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/4/2019 1:05 PM

11/4/2019 2:28:40 PM



Gas pipeline linear excavation to date at station 0+00,' tie in to 30" main. View south from 0408854mE and 3745611mN



Natural gas linear at 30" main tie-in with upper 4 feet backfill stratigraphy in view featuring numerous clouds of oil-impregnated sand. View toward north from 0408860mE and 3745607mN



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/5/2019 9:57:34 AM

Project Location: Dale Ave and stonybrook

Weather:

Clear and sunny

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 #92+70 to 93+00 and 94+00:to 94 +25;

Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

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

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide up to 9 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:

11/5/2019 12:52:36 PM



Backhoe trench startion 92+90 7 CTG deep



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/6/2019 10:12:49 AM

Project Location: Dale Ave. and stonybrook dr.

Weather:

Clear and sunny

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 # 93+00 to 93+67 And 94+25 to 95+45

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 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:

11/6/2019 10:28:49 AM



Bell hole station #93+35



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability project

Date: 11/6/2019 10:12:49 AM

Project Location: Buena Park

Weather:

Fog then hazy 80 degrees F

Monitor(s): priseley

Work Start Time: 0700

Work End Time: 15:30

Construction Company: S E Pipeline Construction

Contact(s): Alain Mvers

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

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

0+00' to 0+12'

Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe asphalt grinding vehicle with truck loading conveyor tandem axle dump trucks bars and transfer shovels

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

Excavation for gas pipeline linear. Grinding surface coat of asphalt concrete (AC).

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

10" of AC over 6 inches of asphalt base (AB) over an additional 92" of uniform to cross laminated light gray-tan fine to coarse sand with trace of surrounded to rounded pebbles.

Lithologic Description(s):

Observations of Paleontological Resources:

No large fossils were observed in the excavation today.

Additional Comments:

Plan for tomorrow:

Continued paleontological monitoring as needed

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/7/2019 8:47:33 AM

Project Location: Dale Ave and stonybrook,

Weather:

Overcast to clear and sunny

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipe

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 # 93+67 to 93+90 And 95+45 to 97+60

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 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:

11/7/2019 9:52:41 AM



Borehole st #93+75



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability project

Date: 11/7/2019 7:17:37 AM

Project Location: Buena Park

Weather:

Overcast then hazy 73 degrees F

Monitor(s): priseley

Work Start Time: 0700

Work End Time: 1530

Construction Company: S E Pipeline Construction

Contact(s): Alain Mvers

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

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 0+20' to 0+30'

Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe concrete saw shovels tandem axle dump trucks

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

Excavation to total depth of 8 feet pursuant to installation of natural gas linear.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Light gray-tan homogeneous fine to coarse sand with trace of pebbles. Re-excavated slurry.

Lithologic Description(s):

Observations of Paleontological Resources:

No large fossils were observed in the excavation today.

Additional Comments:

Excavation ceases at station 0+20 by approximately 1315hrs. Spot-checked stratigraphy at station 97+25 photo 2. 8" AC over 6" AB then downward progressing into bell hole as follows 1) 18" dark brown clayey silt fine to coarse sand with pebbles marl, 2) 36" medium brown silty fine to coarse sand with clay and trace of pebbles, 3) 4" light gray-tan loose fine to coarse sand with clay and trace of pebbles, 4) 12" medium brown silty fine to coarse sand with clay and trace of pebbles and 5) light gray-tan loose fine to coarse sand with trace of pebbles to bottom of bell hole

Plan for tomorrow:

Another plug will be re-excavated tomorrow. Paleo monitoring as needed on Dale street between La Palma Avenue and Crescent (?) street.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/7/2019 10:57:04 AM

11/7/2019 1:39:25 PM



Northward view of homogeneous light gray-tan sand at station 00+20' and 2 to 7 foot depth, objective NAD 83/84 zone 11S UTM is 0408858mE and 3745598mN.



Stratigraphic profile of west wall of gas-linear trench at station 97+25. View sw. objective at NAD 83/84 ZONE 11S UTM 0408879mE and 3742664mN.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/8/2019 11:21:36 AM

Project Location: Dale Ave and DeVoy

Weather:

Clear and sunny, warm

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 #97+50 to 97+65 and potholing various spots 98+00-101+00

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 28 inch wide and up 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 Tuesday

Attachments (Y/N):

☒ Yes ☐ No

Photograph Record:

11/8/2019 1:05:13 PM



Pothole at station 100+25



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Project

Date: 11/8/2019 10:27 AM

Project Location: Buena Park

Weather:

Hazy 85 degrees F

Monitor(s): priseley

Work Start Time: 0700

Work End Time: 1530

Construction Company: S E Pipeline Construction

Contact(s): Alain Mvers

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

☐ Yes ☒ No

Was the Safety Briefing Attended/Signed:

☒ Yes ☐ No

Project Description:

Station 00+10' to 00+20' and Station 03+52' to 03+77'

Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe, shovels, asphalt grinder and saws, and tandem axle dump trucks

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

Excavation of bell hole for future live pressure test at 3+52+ and remove plug of Holocene alluvium between stations 00+10' and 00+20' for installation of future gas linear.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

10" asphalt concrete over 6" asphalt base, 2 feet of previously disturbed gray - tan f-c sand with trace of pebbles then an additional 6 feet of plane laminated native light gray-tan fine to coarse sand with granules and pebbles. 50lb Spot microvertebrate test sample (1 bucket) was acquired at station 00+17' and 8.5 foot depth as PWR 08-11-19 -01.

Lithologic Description(s):

Observations of Paleontological Resources:

PWR 08-11-19-01 was dried and sifted in field to + #12 mesh matrix and - #12 matrix was discarded. The + #12

Additional Comments:

Plan for tomorrow:

Continued paleontological monitoring as needed

Attachments (Y/N):

☒ Yes ☐ No

Photograph Record:

11/8/2019 10:43:03 AM

11/8/2019 11:56:26 AM



16: North view of pug of Holocene alluvium between gas-linear stations 00+10' and 00+20' above projected microvertebrate spot test sample PWR 08-11-19-01 taken from objective at NAD 83/84 Zone 11S UTM 0458857mE and 3745601mN.



17: PWR 08-11-19-01 sub grade lithology/sample location station 00+18' and 8 1/2 feet deep in light gray-tan moist fine to coarse sand with trace of gravel.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/12/2019 8:46:59 AM

Project Location: DeVoy dr. And Dale Ave,

Weather:

Overcast to clear and sunny

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 # 97+65 to 98+60 And 99+00 to 100+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. Backhoe excavating 28 inch wide and up 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:

11/12/2019 9:33:27 AM



Bell hole station 99+05



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 11/12/2019 2:44:43 PM

Project Location: Dale & Lincoln

Weather:

Clear mild temp.

Monitor(s): jmcelhoes

Work Start Time: 7 AM

Work End Time: 3 PM

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:

Buena Park, Ca. / Dale & Lincoln

Scope of Construction Work Monitored/Equipment Used:

CAT 420F back hoe

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

Excavation for bell hole.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

N/A

Lithologic Description(s):

Observations of Paleontological Resources:

None noted.

Additional Comments:

Written by Richard Serrano.

Plan for tomorrow:

Continue excavation,

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/13/2019 9:14:07 AM

Project Location: DeVoy dr. and Dale Ave.

Weather:

Overcast to clear and sunny

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Alain 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 # 97+80 to.98+30 And 100+15 to.100+95 And 102+40 to 102+70

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 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:

Additional Comments:

Plan for tomorrow:

Monitoring as needed.

Attachments (Y/N):

☒ Yes ☐ No

Photograph Record:

11/13/2019 9:57:48 AM



Bore hole station # 100+42



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 11/13/2019 2:33:07 PM

Project Location: Buena Park, Ca.

Weather:

Slightly overcast

Monitor(s): jmcclhoes

Work Start Time: 8 am

Work End Time: 3:30

Construction Company: SE Pipe Line Const.

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:

Intersection of Dale and La Palma

Scope of Construction Work Monitored/Equipment Used:

CAT 420F back hoe

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

Trenching for gas line.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

N/A

Lithologic Description(s):

Observations of Paleontological Resources:

Nothing observed.

Additional Comments:

Written by Richard Serrano.

Plan for tomorrow:

Unknown,

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 11/14/2019 2:09:33 PM

Project Location: Buena Park, Ca.

Weather:
Clear, 70,s

Monitor(s): jmcelhoes

Work Start Time: 7 AM

Work End Time: 3:30 PM

Construction Company: SE Pipeline Consnstion

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:

Dale and Ball Rd.

Scope of Construction Work Monitored/Equipment Used:

CASE 590 Super N Extendahoe

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

Trenching for gas line.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

N/A

Lithologic Description(s):

Observations of Paleontological Resources:

None noted.

Additional Comments:

Written by Richard Serrano

Plan for tomorrow:

Continue work.

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/15/2019 8:28:23 AM

Project Location: 909 Dale Ave. Anaheim Ca.

Weather:
Overcast

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE gas pipeline

Contact(s): Alain 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 # 103+90:to 104+20

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:

Additional Comments:

Plan for tomorrow:

Monitoring Monday as needed.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/15/2019 12:56:09 PM



Station #104+20

Daily Monitoring Report - Paleontology

Monitor: Richard Serrano

Date: Nov.15, 2019

Project Name: SERC

Project # 18- 348

Project location (City, State): Anaheim, Ca.

Weather: Clear, temp mid 70's

Work Start Time: 7 AM Work End Time: 2:00 PM Total Monitoring Hrs: 7

Construction Company: SE Pipeline Const. Inc.

On-site Contact:

Did the (sub)contractors work more than 8 hrs? No.

Safety Briefing Attended and Signed: Yes

Equipment Used:

CASE 420F Super N extendahoe.

Project Location and description:

The project is located just north of Ball Rd. on Dale Ave. Anaheim, Ca.

Scope of Construction work monitored (include methods):

Trenching for gas line.

Only 1 back hoe working so I was on stand by.

Geologic Units and Lithology:

Geologic unknow.

Silty sand with some beds of medium sands.

Observation of Paleontological Resources

There was no impact to paleontological resources.

Additional Comments:

None.

Plan for Tomorrow: No work on Sat.

Total Time Work Halted or Redirected: 0

Additional Pages attached? Yes ☐ No ☒

Photos; None.





Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/18/2019 8:41:33 AM

Project Location: 909 Dale Ave., Anaheim Ca

Weather:

Clear, sunny and warm

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 # 104+20 to

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:

Additional Comments:

Plan for tomorrow:

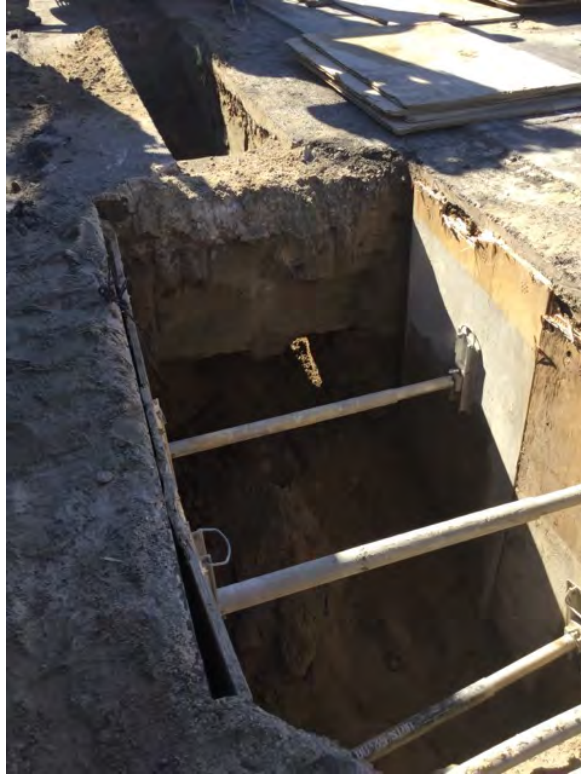
Monitoring as needed

Attachments (Y/N):

☒ Yes ☐ No

Photograph Record:

11/18/2019 10:35:18 AM



Bore hole Station #104+40



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 11/18/2019 9:20:21 AM

Project Location: On Dale between ball and

Weather:

Sunny and unnaturally warm

Monitor(s): tredinger

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: southeast pipeline

Contact(s): Mike

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 ball and De Voy, 105+50 to 107+00

Scope of Construction Work Monitored/Equipment Used:

Backhoe (2)

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

Today I monitored with Jennifer and Ryan as Danny's backhoe continued to trench from 105+50 southward. Excavation went down to a maximum of 7 f. Many sets of utilities crossed the trench between 105 and 106 so the two crews had to spend multiple hours hand digging to find the utilities.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Monitored with Jen and Ryan

Plan for tomorrow:

Continue south from 106+00 towards nball wi5 the two backhoes.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/18/2019 1:12:50 PM



106+00, Steve's crews excavation for 5r day. About 30 ft.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/19/2019 8:57:33 AM

Project Location: Dale Ave and Ball Road,

Weather:

Partly cloudy

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: southeast pipeline

Contact(s): Alain 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 #104+60 to 105+35

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:

11/19/2019 10:39:32 AM



Bore hole station 105+30



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability station

Date: 11/19/2019 9:04:14 AM

Project Location: On Dale Ave. just north of

Weather:

Partially cloudy mild temperature

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. just north of Ball Rd.

Scope of Construction Work Monitored/Equipment Used:

Three backhoes, hand digging with shovels

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

After attending the tailboard I monitored with Jennifer and Ryan as Steve's crew continued trenching between 106+20 and 107+00. Steve's crew started the day by having his crew explore with hand shovels to find multiple utilities right by the intersection.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

Monitored with Ryan, Jennifer, and John.

Plan for tomorrow:

Continue into ball rd.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/19/2019 1:10:48 PM



North, overview of work completed at 106+50



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/20/2019 8:42:29 AM

Project Location: Dale Ave and Ball Road

Weather:

Cloudy cool, drizzly

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 #105+30 to 105+85

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:

11/20/2019 1:20:36 PM



Trench station 105+60



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy reliability station

Date: 11/20/2019 9:26:29 AM

Project Location: On Dale on Ball ave (106+20

Weather:

Rainy sprinkling all day

Monitor(s): rolston

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 on Ball ave (106+20 to 106+60)

Scope of Construction Work Monitored/Equipment Used:

Three backhoes

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

Today the y continued to slowly trench at Ball Ave. I monitored as Steves crew worked on the last 30 ft north of the intersection of Ball and Dale. The trenches were dug with the backhoe and were dug to a maximum of 7 ft depth.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Once we got into the intersection proper the top 3 ft of the sediment was silty fill. Benieth this the sugar sand continued but was most likely disturbed due to a buried storm drain pipe at 14 ft. This area also contained a sink hole at 3 ft depth that extended further into the intersection.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

This is Tara Redinger's daily log

Plan for tomorrow:

Continue cross Ball Ave.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/20/2019 10:39:43 AM

11/20/2019 1:28:03 PM



East. Sinkhole feature discovered when moved into the intersection at Ball Ave (3 ft depth)



South, intersection of Dale and Ball terminates where cones are sitting in picture.



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/21/2019 8:38:49 AM

Project Location: Dale Ave and Ball Road,

Weather:

Cloudy and cool

Monitor(s): dalexander

Work Start Time: 0700

Work End Time: 1530

Construction Company: SE pipeline

Contact(s): Alain 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 #105+50 to 106+95 and 108+15-108+30

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 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:

11/21/2019 12:38:37 PM



Bell hole station 105+75



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy reliability station

Date: 11/21/2019 10:36:52 AM

Project Location: On Dale south of Ball 110

Weather:

Partially cloudy cool.

Monitor(s): rolston

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 south of Ball 110+00 to 111+00

Scope of Construction Work Monitored/Equipment Used:

Three backhoes and shovels

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

Today after the tailboard I ,omitored excavation activities with he crew that worked south of Ball Ave. this crew started trenching from site # 110+00 and excavated approximately 40 ft ending around 110+45. Some utilities crossings were observed, water, and electrical around 110+15 which slowed progress. I also spot checked a second machine that was excavating through the Ball/Dale intersection. This area was also partially ,monitored by David.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The sediment here is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft depth.

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

This is Tara Redinger's daily monitoring log.

Plan for tomorrow:

Continue moving south from Ball road on Dale with the three backhoes.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/21/2019 10:36:58 AM



South, start of excavation south of Ball on Dale. Starting at 110+00



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/22/2019 9:52:39 AM

Project Location: Dale Ave and Ball Road;

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 # 106+60 to 106+70 and 110+ 50 to 111+00

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:

Additional Comments:

Plan for tomorrow:

Monitoring as needed on monday

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/22/2019 9:56:21 AM



Bell hole station 106+55



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 11/22/2019 9:55:16 AM

Project Location: At the intersection of Ball

Weather:

Sunny and cri. Warmer in afternoon

Monitor(s): jmcclhoes

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:

At the intersection of Ball and Dale, and south of Ball, (107+50 to 112+25)

Scope of Construction Work Monitored/Equipment Used:

Backhoe

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

Today I ,monitored both Steve's on the south side of Ball on Dale ave. The crew in the intersection started at 107 +75 and trenches to a maximum of 9 ft to get around a water main in the middle of the street. By the end of the day they got to 107+90. The second crew started at 111+25 and stopped at 112+00. They trenches with the backhoe down to 7.5 ft max.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The souls at 107+75 are primarily disturbed medium trained sand up to a maximum of 9 ft depth. Here there were several unmarked utilities, and a 13 ft deep water main which proved the disturbed nature of the sediment. The sediment at 111+00 is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

This is Tara Redinger's daily paleo monitoring log for 10/22/2019

Plan for tomorrow:

Continue finishing up in the intersection, and moving south on Dale past Ball.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/22/2019 10:24 AM



North, start of work in intersection of Dale and Ball. 107+75



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/25/2019 10:07:29 AM

Project Location: Dale Ave and ravenwood

Weather:

Clear and sunny

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 #111+10 to 111+90 And 112+30 to 112+60

Scope of Construction Work Monitored/Equipment Used:

Backhoe

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

Monitoring excavation activities for paleontological resources. 2 backhoes 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:

11/25/2019 10:11:33 AM



Bell hole station 112+40



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 11/25/2019 7:54:29 AM

Project Location: South of Ball on Dale.

Weather:

Cool and mostly sunny.

Monitor(s): nlawson

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Robert (lead foreman)

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 Ball on Dale. Between 105+45 and 107+ 50

Scope of Construction Work Monitored/Equipment Used:

Backhoe

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

Attended the tailboard at 7:00, then waited for digging to start south of Dale. Once 5e work area was coned off I primarily monitored Steve 1s crew as they did some cleaning in the northern section of the intersection, and 5en continued completing 5e segment of trench in the center of the intersection. (106+45 to 107+00) They had to go below a large water pipe and several other conduits so the 30 ft of trench that was in the exact center of the intersection went down to approximately 10 ft depth. They were unable to move any further and ended the day by

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The sediment at 107+75 are primarily disturbed medium trained sand up to a maximum of 9 ft depth. Here there were several unmarked utilities, and a 13 ft deep water main which proved the disturbed nature of the sediment. The sediment at 111+00 is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

This is Tara Redinger's Daily Log for November 25

Plan for tomorrow:

Continue digging south of Dale with at least two machines.

Attachments (Y/N):

☐ Yes ☒ No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability

Date: 11/26/2019 6:44:51 AM

Project Location: Dale Ave and ravenwood,

Weather:

Clear and sunny, cool

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 #111+90 to and 114+05 tp

Scope of Construction Work Monitored/Equipment Used:

Backhoes

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

Monitoring excavation activities for paleontological resources. Backhoes 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

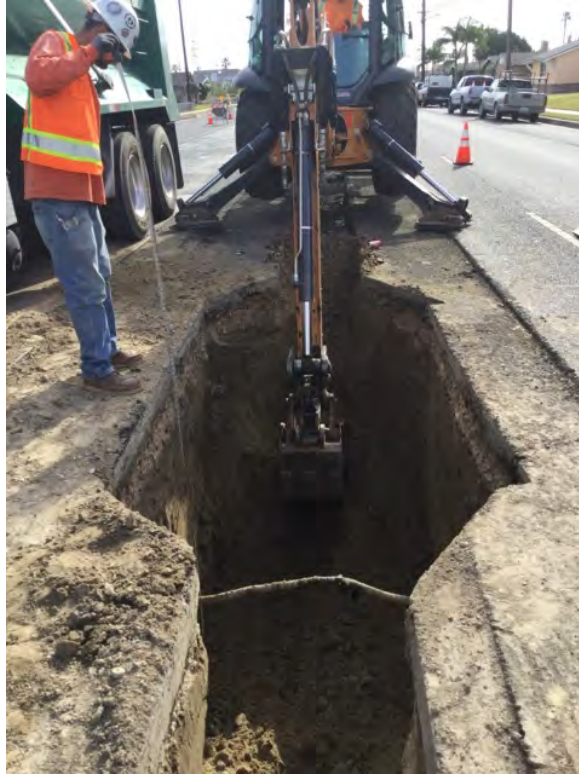
Additional Comments:

Plan for tomorrow:

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

11/26/2019 12:46:12 PM



Bell hole 114+15



Daily Monitoring Report - Paleontology

Project Name: Stanton energy reliability station

Date: 11/26/2019 8:37:51 AM

Project Location: On Dale between Ball and

Weather:

Cool, clear skies

Monitor(s): nlawson

Work Start Time: 7:00

Work End Time: 3:30

Construction Company: Southeast pipeline

Contact(s): Robert (lead 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 Ball and Brentwood (106+75 to 108+85)

Scope of Construction Work Monitored/Equipment Used:

backhoe (3), shovels

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

Today after the tailboard I went down to Ball and Dale to continue monitoring Steve's crew. Half of the crew was potholing while the other half worked with the backhoe. The trench was dug down to 6 ft max except in the bell holes where it was dug to 7 ft.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

trained sand up to a maximum of 7ft depth. The sediment at 108+00 is primarily medium grained sand with inclusions of layered fine grained sand and silt and some asphalt pebbles layers no deeper than 3ft. The cut goes down to 7 ft max in the bell holes and 6 ft in the main trench. The non-disturbed sediments consist of silty sand at 108+50 but slowly transition to loamy soil by 109+50. This sediment has very little stratification or texture, and is generally massive. there is very little change in the sand at all depths. Several sections where water and electrical

Lithologic Description(s):

Observations of Paleontological Resources:

None

Additional Comments:

This is the daily log of Tara Redinger for November 26.

Plan for tomorrow:

Weather permitting, trenching will continue down Dale Ave.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan

Date: 11/15/2019

Project Name: Environmental Intelligence
Stanton Energy Reliability
Center (SERC)

Project #

Project location (City, State): Stanton, CA

Weather: Clear skies, warm

Work Start Time: 07:00

Work End Time: 14:00

Total Monitoring Hrs: 6.5 hrs

Construction Company: IBL

On-site Contact: Greg (IBL)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT backhoe

Project Location and description:

South of Barre Substation, east of Dale Ave.

Scope of Construction work monitored (include methods):

IBL uses 450 CAT backhoe to excavate and pothole the vaults, impacting Qyfa and fill in a total area of 100ft long, 1.5ft wide, 14ft deep.

Geologic Units and Lithology:

Quaternary young alluvium (Qyfa; Holocene): dark brown - light grayish brown, moderately - poorly compacted, moderately sorted, fine - medium grained, subangular - subrounded sands, silts, and clays; impacted at the surface of excavations and to approximately 14 ft deep. Fill appears to be backfilled Qyfa; impacted at the surface of excavations to about 8 ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected.

No Quaternary older alluvium was impacted during vault potholing.

Additional Comments:

None

Plan for Tomorrow:

No excavations are planned for tomorrow.
On Monday, vault excavations are expected to begin.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☒ No ☐

Photo Record:

PI91115-DMN-01: Vault potholing

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan

Date: 11/16/2019

Project Name: Environmental Intelligence
Stanton Energy Reliability
Center (SERC)

Project #

Project location (City, State): Stanton, CA

Weather: clear skies, warm

Work Start Time: 7:00

Work End Time: 12:15

Total Monitoring Hrs: 5.25 hrs

Construction Company: ILB

On-site Contact: Greg (ILB)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT Backhoe

Project Location and description:

South of Barre Substation, east of Dale Ave

Scope of Construction work monitored (include methods):

ILB used 450 CAT backhoe to excavate the vault, impacting Qyfa in a total area of 20ft long, 10ft wide, and 14ft deep.

Geologic Units and Lithology:

Quaternary young alluvial fan deposits (Qyfa; Holocene): brown-dark brown, moderately well sorted, poorly-moderately compacted, subrounded, medium-fine grained sands, silts, and clays; impacted at the surface of excavations to 14ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected.
No Quaternary older alluvium was impacted during vault excavations.

Additional Comments:

None

Plan for Tomorrow:

ILB will resume vault excavations for the next vault tomorrow.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

P191118-DMN-01: vault excavations

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Paleo Solutions) Date: 11/19/2019

Project Name: ^{Environmental Intelligence} Stanton Energy Reliability Center Project #
(SERC)

Project location (City, State): Stanton, CA Weather: partially cloudy, cool/warm

Work Start Time: 07:00 Work End Time: 11:45 Total Monitoring Hrs: 4.75 hrs

Construction Company: ILB On-site Contact: Greg Tellez (ILB foreman)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT backhoe

Project Location and description:

South of Barre Substation, east of Dale Ave

Scope of Construction work monitored (include methods):

ILB used 450 CAT backhoe to excavate the vault, impacting Ryfa in a total area of 20ft long, 10ft wide, and 14ft deep.

Geologic Units and Lithology:

Quaternary young alluvial fan deposits (Qyfa; Holocene): brown/dark brown - grayish brown, moderately - well sorted, poorly - moderately compacted, subrounded medium-fine grained sands, silts, and clays; impacted at the surface of excavations to 14ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected.
No Quaternary older alluvium was impacted during vault excavations.

Additional Comments:

None

Plan for Tomorrow:

Excavations for telecom boxes have been postponed due to rain tomorrow. Excavations will continue at a later date.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

P191119 - DMN-01: vault excavations

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Paleo Solutions) Date: 11/21/2019

Project Name: Environmental Intelligence
Stanton Energy Reliability Center (SERC) Project #

Project location (City, State): Stanton, CA Weather: partially cloudy skies, cool

Work Start Time: 07:00 Work End Time: 10:45 Total Monitoring Hrs: 3.75 hrs

Construction Company: ILB On-site Contact: Greg Teller (ILB foreman)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT Backhoe

Project Location and description:

South of Barre Substation, east of Dale Ave

Scope of Construction work monitored (include methods):

ILB used 450 CAT backhoe to excavate the trench, impacting Qyfa in an area of 50ft long, 2ft wide, and 6-12 ft deep.

Geologic Units and Lithology:

Quaternary young alluvial fan deposits (Qyfa; Holocene): brown/dark brown, moderately sorted, moderately compacted, subrounded, medium-fine grained sands, silts, and clays; impacted at the surface of excavations to 12 ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected.
No Quaternary older alluvium was impacted during trench excavations.

Additional Comments:

None

Plan for Tomorrow: ILB plans to resume trench excavations tomorrow. The trench is only expected to be 6ft deep up until the vault, in which the trench will reach 12ft in depth.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

P191121-DMN-01: trench excavations

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Paleo Solutions) Date: 11/25/2019
 Project Name: Environmental Intelligence
 Stanton Energy Reliability Project #
 Center (SERC)
 Project location (City, State): Stanton, CA Weather: Partially cloudy, cool
 Work Start Time: 7:00 Work End Time: 13:00 Total Monitoring Hrs: 6 hrs
 Construction Company: ILB On-site Contact: Greg Teller (ILB foreman)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT backhoe

Project Location and description:

South of Barre Substation, east of Dale Ave

Scope of Construction work monitored (include methods):

ILB used 450 CAT backhoe to excavate the trench, impacting Qyfa in an area of 70ft long, 2ft wide, and 6-12ft deep.

Geologic Units and Lithology:

Quaternary young alluvial fan deposits (Qyfa; Holocene): brown, moderately sorted, moderately compacted, subrounded, medium-fine grained sands and silts; impacted at the surface of excavations to 12 ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected.
 No Quaternary older alluvium was observed during trenching.

Additional Comments:

None

Plan for Tomorrow:

ILB plans to resume trenching excavations tomorrow.
Expected depths up to 12 ft.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

P191125-DMN-01: trench excavations

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Paleo Solutions)

Date: 11/26/2019

Project Name: Environmental Intelligence
Stanton Energy Reliability
Center (SERC)

Project #

Project location (City, State): Stanton, CA

Weather: partially cloudy, cool

Work Start Time: 7:00

Work End Time: 9:45

Total Monitoring Hrs: 2.75 hrs

Construction Company: ILB

On-site Contact: Greg Teller (ILB Foreman)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT backhoe

Project Location and description:

South of Barre substation, east of Dale Ave

Scope of Construction work monitored (include methods):

ILB used 450 CAT backhoe to excavate the trench, impacting Qyfa in an area of 50ft long, 2ft wide, and 6-12ft deep.

Geologic Units and Lithology:

Quaternary young alluvial fan deposits (Qyfa; Holocene): brown, moderately sorted, moderately to poorly compacted, subrounded, medium-fine grained sands, silts, and clays; impacted at the surface of excavations to 12ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected.

No Quaternary older alluvium was observed during trenching excavations.

Additional Comments:

None

Plan for Tomorrow:

ILB plans to resume trenching tomorrow, assuming there is no rain. Trenching is not expected to go deeper than 10ft. Next week, trenching west out of the vault (expected depth to 12 ft) and communication boxes excavations (expected depth to 10ft) are expected to begin.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes ☐ No ☒

Photo Record:

P191126-DMN-01: trenching excavations

Attachment 8 – ELEC-1

MEMORANDUM – DCBO APPROVAL

DATE: November 26, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: John Moffatt, PE, Electrical Engineer
NV5, Inc.
John.Moffatt@nv5.com
760.556.8373

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-1.0_X1_UG & D.BANK RCWY PLANS_191106_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 limited only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Engineer of responsibility for compliance with Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, omissions of quantities or dimensions, or coordination of work with other trades. Consultant & Engineer all documents shall not be valid and all codes and Laws must be supplied with.

Digitally signed
by John Moffatt
Reason: Reviewed
for Code
Compliance
Date: 2019.11.26
09:00:38 -08'00'

MEMORANDUM – DCBO APPROVAL

DATE: November 7, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@nv5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-SI-021-PEI Rev1_BOP Heat Trace_191023_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.



Digitally signed
by Alan N. Vallow,
PE

Reason: Reviewed
For Code
Compliance

Date: 2019.11.07
10:31:44 -08'00'

MEMORANDUM – DCBO APPROVAL

DATE: November 29, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@nv5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01-ELEC-1-SI-032 ADD OF OUTLETS_191114_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 validated and all codes and Laws must be complied with.

Digitally signed
by Alan N. Vallow,
PE

Reason:
Reviewed For
Code Compliance
Date: 2019.11.29
07:54:57 -08'00'

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: 0:14:56

View US Wire

Use this page to view a US Wire

[Help](#)

[View Payment History](#)

Payment Information

Status	Confirmed
Confirmation Number	IMAD:1203L4B74B1C000040
Payment Number	50666472
Debit Account	SERC OP - *****6538
Debit Amount	124,539.15 USD
Value Date	12/03/2019
Send Date	12/03/2019
Frequency	One-Time Only
Reference for Recipient	Invoice 140640
Details of Payment	Stanton Energy Reliability Center Invoice#140640
Ordering Customer	

Recipient Information

Recipient	NV5 Inc. 200 S Park Road STE 350 Hollywood, FL 33021-8798
Recipient Bank	BANK OF AMERICA, N.A., NY NEW YORK NY UNITED STATES

Options

Intermediary Bank

Receiving Bank

Bank to Bank Information

[Cancel](#)

Attachment 11 – GEN-6 Special Inspectors

FIELD REPORT

REPORT DATE: November 18, 2019 **TRIP DATE:** October 30 – November 1, 2019**CLIENT:** Stanton Energy Reliability Center**CONTACT:** Tim Bofman **WEATHER:** Sunny 75-80 deg F**PROJECT:** Stanton Energy Reliability Center**LOCATION:** Stanton, CA**POWER REP.:** Joe Bondank**TRIP PURPOSE:** Electrical Construction Observation

CONSTRUCTION AREAS OBSERVED:

Activity No.	Description
1	Aboveground Raceway Systems – PDM/CM enclosure area; GSU area pipe rack & cable tray systems; and BOP equipment skids.
2	Underground to Aboveground Raceway System Transitions – South roadway at RVSS; at OH steel structure just north of NH3 area; and at equipment skids.
3	Roxtec openings on GE package equipment.
4	Abovegrade connections of grounding conductors to equipment.
5	Indoor Raceway Systems in Packaged Enclosures – SPM; PDM; & CM.

DISCREPANCIES:

Activity No.	Description
1	None noted.

NOTES:

Contractor added a wrap material to rigid steel stub-ups for additional protection from soil corrosion. The wrap was not specified and is an example of conscientious and quality electrical construction.
Contractor concerned about compression of cables entering Roxtec openings. SERC/ARB/Electrical Sub/POWER participated in call with Roxtec technical support to understand how to install cables through Roxtec openings and Roxtec dismissal of concern about cable compression due to its inherent design.

CONCLUSION:

Construction observation during this site visit is in conformance with the design intent.

FIELD REPORT

PHOTOS:



CM Module Raceway



CM Receptacles

FIELD REPORT



Grounding Connection



MCC Ethernet Connection

FIELD REPORT



Raceway Under PDM



UG to OH Raceway Transition

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

November
2019

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
10/28/2019	89670	560
10/29/2019	90110	440
10/30/2019	90850	740
10/31/2019	91310	460
11/1/2019	91940	630
11/4/2019	92410	470
11/5/2019	92840	430
11/6/2019	93290	450
11/7/2019	93640	350
11/8/2019	93970	330
11/11/2019	93970	0
11/12/2019	94330	360
11/13/2019	94550	220
11/14/2019	94800	250
11/15/2019	95090	290
11/18/2019	95470	380
11/19/2019	96210	740
11/20/2019	96340	130
11/21/2019	96480	140
11/22/2019	96730	250

11/25/2019	97160	430
11/26/2019	97500	340
11/27/2019	97600	100
11/28/2019	97600	0
11/29/2019	97600	0

Total		8490
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Attachment 15 – SOIL&WATER-8 Encroachment Permit

**City of Stanton
Department of Public Works**

Project Start Date: 9/1/19

PERMIT NO. 19-1543

Project End Date: 4/1/20

APPLICATION FOR:

- ☐ EXCAVATION PERMIT
- ☐ STREETS AND SIDEWALKS PERMIT
- ☒ STRUCTURES IN STREETS PERMIT
- ☐ STREET LIGHTS AND POLES PERMIT

****ANY/ALL SUBCONTRACTORS MUST HAVE A
VALID CITY OF STANTON BUSINESS LICENSE ****

*****WHEN CALLING FOR INSPECTION, PLEASE
GIVE PERMIT NUMBER*****

SUBCONTRACTOR:
BUSINESS LICENSE: YES X NO

LICENSE NUMBER: 194079

LOCATION/DESCRIPTION OF WORK: SEWER TIE-IN

NAME NICK TASICH: ARB, INC.

(PLEASE PRINT (Name of Person, Firm, or Corporation for whom Application is made))

CITY BUSINESS LICENSE NO. APPLIED

Hereby makes application to perform the following described work.

NO SKETCH, PICTURE OR PLAN IS SUBMITTED: ☐

SEE ATTACHED SKETCH PLANS CONSISTING OF 1 SHEETS

***NOTE: ALL UTILITY MARKINGS MUST BE DONE WITH
CHALK PAINT ONLY. THE PERMITTEE WILL BE
REQUIRED TO PRESSURE WASH OFF ALL UTILITY
MARKINGS AT THE COMPLETION OF THE PROJECT IN A
MANNER ACCEPTABLE TO THE CITY. BLACK PAINT IS
NOT ACCEPTABLE.**

INSTALLATION	LENGTH	WIDTH	DESCRIPTION (TYPE OF SURFACE, DEPTH)	FEES	INSPECTION DATE	APV.
DRIVEWAY (RESIDENTIAL / COMMERCIAL)	867 SF		NEW APPROACH AT 8230 PACIFIC SIDE			
CURB ONLY						
CURB AND GUTTER	8'	1.5'	GUTTER TIE-IN TO NEW APPROACH			
CROSS GUTTER						
STORM DRAIN						
SIDE WALK						
PAVEMENT						
EXCAVATION	50'	6'	NEAT CUT WITH SHORING BOX AND PLATED			

Total: \$455.00

CITY STAFF USE ONLY

ADDITIONAL COMMENTS: Contact city prior start of work. Must use APWA
Standards when breaking into sewer manhole.

APPROVED [Signature] 11/5/2019
 Department of Public Works - Engineering Division Date

In consideration of the granting of this permit it is further agreed by the applicant that the City of Stanton and any Officer or Employee here of shall be saved harmless by the Applicant from any liability or responsibility for any accident, loss or damage to persons or property, happening or occurring as the proximate result of any of the work undertaken under the terms of this application and the permit or permits which may be granted in response, thereto, and that all of said liabilities are hereby assumed by the Applicant. I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction. I hereby certify that I am properly registered with and/or licensed as required by the City of Stanton and/or State of California or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued shall not employ any person in violation of the workmen's compensation laws of the State of California. "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workmen's compensation laws of California."

SIGNED NICK TASICH PHONE NO. 310.874.9612

MAILING ADDRESS 26000 COMMERCENTRE DRIVE, LAKE FOREST, CA 92630 CITY LAKE FOREST

**THIS APPLICATION BECOMES A PERMIT
WHEN APPROVED**

NOTE: The application shall make all necessary arrangements and be responsible for the moving of poles, fire hydrants, and other surface and subsurface objects.

INSPECTION IS REQUIRED

Call the Department of Public Works - Division of Engineering not later than noon on the day prior to the day on which you plan to do the work at (714) 890-4205. No faxes will be accepted. This permit must be on the job at all times.

Public Works Encroachment Permit Standard Conditions of Approval

1. The Permittee must use chalk paint to mark out all utility markings. The project may be shut down if the City discovers chalk paint was not used.
2. The Permittee must remove ALL utility markings in the project area after the conclusion of work (black paint will not be acceptable). The utility markings must be pressured washed off (or other approved method) and not damage any existing surfaces. This includes any markings created by the Permittee or through DigAlert, or any other firm.
3. Work hours shall be Monday through Friday 7:00am – 6:00p, except for major or heavily used streets where work hours shall be 9:00am-3:00pm, unless otherwise approved by the City.
4. The Permittee must call the City to schedule inspection of work at least 24 hours prior to the start of work at **(714) 890-4205**.
 - a. Items requiring inspection include, but are not limited to the following: traffic control, excavation backfilling, temporary resurfacing, and permanent paving.
 - b. A copy of the encroachment permit shall be kept at the site of work and made available to any law enforcement or Public Works staff on demand.
5. No storage of vehicles/equipment/materials is permitted on any City streets overnight.
6. All work done in the public ROW shall be performed in accordance with the Standard Specifications for Public Works Construction (Greenbook) and City standards.
 - a. Steel Plates will be utilized for utility trenching and shall be slip resistant, pinned, recessed, and flushed with the existing pavement surface.
7. A copy of the notification to affected Stanton Residents and Businesses must be submitted to the City for approval prior to start of work. Notices must mention dates and times of expected power outages, water shutoffs, areas of limited access (if applicable).
 - a. One 10 day notice is required.
 - b. One 48 hour notice is required.
8. No Parking notices must be posted 48 hours in advanced to be enforceable.
9. The Permittee is responsible for taking photographs of all pre-existing conditions and all signage and traffic control placed in the City of Stanton right of way.
10. The Permittee will protect in place all existing facilities in the project area and be responsible for repairing them to match the existing conditions.
11. Any damage to concrete segments shall be removed and replaced to the nearest full slab at the direction of the City inspector.
12. All driveways, ingress, and egress points must be left open during the course of the project.
13. A minimum of one lane of traffic must be available in each direction at all times.
14. Permittee shall maintain BMP's per the City's standards.
15. The Permittee is responsible for removing all graffiti that occurs in the project area during construction.
16. A contractor is required to submit to the City a valid certificate of Workman's Compensation Insurance prior to the issuance of a Public Works Permit.
17. All contractors performing work in the City will be required to have a business license prior to the issuance of a Public Works Permit.
18. One public works permit will be issued for each job site, which is defined as one project in which work performed within one city block as defined by the California Streets and Highway Code, in which identical work is performed at one time. Any exception will be subject to the City Engineer's approval.
19. Final inspection and City approval is required to close the permits and release all bonds.
20. Additional permit conditions may be applicable at the discretion of the City Engineer.

Additional Comments for Utility Companies and Public Agencies

1. With the exception of emergency cuts, utility companies and public agencies, or their contractors, shall obtain Public Works Permits for all excavations, backfilling and re-surfacing within the public right-of-way, prior to commencement of work.
2. Emergency cuts are defined as emergency repairs necessary to protect the public health, safety and welfare in which time is of the essence. Emergency cuts by utility companies or public agencies may be performed without prior approval, provided that a Public Works Permit is obtained as soon possible no later than twenty-four (24) hours after the emergency work. In the event the emergency work is performed afterhours when City Hall is closed, a permit must be obtained the next business day. The public works permit fee for the emergency work must be paid during this time frame.
3. Utility companies or public agencies shall submit Public Works Permit applications and plans to the Engineering Division prior to issuance of permits. Emergency repairs do not require prior plan approval. All emergency excavation, backfill and re-surfacing shall be in accordance with Standard Specifications for Public Works Construction (Greenbook) and City of Stanton Standards.
4. All work shall be planned and carried out so that there will be the least possible inconvenience to the traveling public. Traffic control plans must be submitted to the City of Stanton for approval prior to beginning work (must follow the California Joint Utility Traffic Control Manual or WATCH Manual). Traffic control plans prepared by a registered Traffic Engineer may be required, at the discretion of the City Engineer.
5. All repair work associated with the permit must be completed within two weeks of the start date of the permit, unless otherwise approved by the City. Work not completed within this time frame may be require a separate encroachment permit and payment of fee.
6. In addition to applying for Public Works Permits, utility companies shall provide a monthly list of all work performed in the City. Said list shall be submitted to the City Engineering Division at the end of each month and shall include the Permit numbers, dates the work was performed, and status of work.

RECEIVED
SEP 19 2019

City of Stanton
Department of Public Works

BY:

Project Start Date: TBD

PERMIT NO. 19-143

Project End Date: 09/29/2020

APPLICATION FOR:

- ☒ EXCAVATION PERMIT
☒ STREETS AND SIDEWALKS PERMIT
☐ STRUCTURES IN STREETS PERMIT
☐ STREET LIGHTS AND POLES PERMIT

**ANY/ALL SUBCONTRACTORS MUST HAVE A
VALID CITY OF STANTON BUSINESS LICENSE **

***WHEN CALLING FOR INSPECTION, PLEASE
GIVE PERMIT NUMBER***

SUBCONTRACTOR:
BUSINESS LICENSE: YES _____ NO _____

LICENSE NUMBER: _____

LOCATION OF WORK: 10670 Dale Ave (Reference TD# 1431361)

Crew to Trench and install new duct bank crossing Dale Ave. 2-3 lane closure at a time, Traffic per attached plan

NAME Southern California Edison- Shirley Sarmiento

(PLEASE PRINT (Name of Person, Firm, or Corporation for whom Application is made)

CITY BUSINESS LICENSE NO. _____

Hereby makes application to perform the following described work.

NO SKETCH, PICTURE OR PLAN IS SUBMITTED: ☒

SEE ATTACHED SKETCH PLANS CONSISTING OF 6 SHEETS

*NOTE: ALL UTILITY MARKINGS MUST BE DONE WITH
CHALK PAINT ONLY. THE PERMITTEE WILL BE REQUIRED
TO PRESSURE WASH OFF ALL UTILITY MARKINGS AT THE
COMPLETION OF THE PROJECT IN A MANNER
ACCEPTABLE TO THE CITY. BLACK PAINT IS NOT
ACCEPTABLE.

INSTALLATION	LENGTH	WIDTH	DESCRIPTION (TYPE OF SURFACE, DEPTH)	FEES	INSPECTION DATE	APV.
DRIVEWAY(RESIDENTIAL / COMMERCIAL)			CITY OF STANTON			
CURB ONLY			PAID			
CURB AND GUTTER						
CROSS GUTTER						
STORM DRAIN			OCT 31 2019			
SIDE WALK						
PAVEMENT			AUTHORIZATION# <u>Credit # 873266</u>			
EXCAVATION	80'	2'	Concrete/Asphalt <u>\$459</u>			

Total: \$455.00

CITY STAFF USE ONLY

ADDITIONAL COMMENTS: Contact city Prior start of work Impact to lane must be
from 4am to 3pm

APPROVED [Signature] 10/2/19
Department of Public Works - Engineering Division Date

In consideration of the granting of this permit it is further agreed by the applicant that the City of Stanton and any Officer or Employee here of shall be saved harmless by the Applicant from any liability or responsibility for any accident, loss or damage to persons or property, happening or occurring as the proximate result of any of the work undertaken under the terms of this application and the permit or permits which may be granted in response, thereto, and that all of said liabilities are hereby assumed by the Applicant. I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction. I hereby certify that I am properly registered with and/or licensed as required by the City of Stanton and/or State of California or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued shall not employ any person in violation of the workmen's compensation laws of the State of California. "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workmen's compensation laws of California."

SIGNED [Signature] PHONE NO. 949-701-0528
MAILING ADDRESS 1851 W. Valencia Drive CITY Fullerton

THIS APPLICATION BECOMES A PERMIT
WHEN APPROVED

NOTE: The application shall make all necessary arrangements and be responsible
for the moving of poles, fire hydrants, and other surface and subsurface objects.

INSPECTION IS REQUIRED

Call the Department of Public Works - Division of
Engineering not later than noon on the day prior to the
day on which you plan to do the work at (714) 890-4205
No faxes will be accepted. This permit must be on the
job at all times.

Attachment 16 – STRUC-1 CBO Approvals

MEMORANDUM – DCBO APPROVAL

DATE: November 17, 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-1-26.0_TURBINE MONORAIL_191106_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: 2019.11.17 17:55:55
-08'00'

MEMORANDUM – DCBO APPROVAL

DATE: November 17, 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-1-42.0_AFCU SKID & CALCS_191115_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: 2019.11.17 17:47:17 -08'00'

Attachment 17 – TRANS-1 Permits

TRANS-1 Roadway Use Permits and Regulations November 2019

1. Crated Machine Center delivered on 9/23/19 – 10/23/19
 - City of San Bernardino WL19-00666
2. Frame Module 9/24/19 – 9/26/19
 - City of Stanton TPO-553
3. Crated Machine Center delivered on 9/23/19 – 9/25/19
 - City of Stanton TPO-550
4. Crated Machine Center delivered on 10/02/19 – 10/04/19
 - State of California e19-088377

Attachment 18 – Safety Inspection Report



SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT

NOVEMBER 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 November 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 no incidents and/ or Injuries to report 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 started PSC/ARB's "Finish Strong- Start Strong Safety" Series Program and will continue it through the months of November, December & January in an effort to try and lessen the trend of workers getting hurt around the holiday season. This is a Nine (9) week series of safety topics just to get our Personnel re-focused on the project. The following have been discussed and shared through the month of November, Communications, Evacuation Procedures, Alarms & Locations, Finish Strong/ Start Strong- Pre Job Planning – STAR Card, Finish Strong/ Start Strong- Hand Safety as the topics in our all hands safety meetings for the month of November 2019. We have applied special emphasis on being aware of other Crafts in your work areas. 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. The Triple 9 Crane has been dismantled and removed from the Project site and FAA has been notified. 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 no First Aids, 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 A190280441-13B
Date: Friday, November 15, 2019 11:38:56 AM

EXTERNAL EMAIL

EMLCFM 01408B USAS 11/15/19 11:38:51 A190280441-13B RNEW NORM POLY LREQ

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This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 13B Created: 11/15/19 11:38 User: DIRECT Chan: WEB

Work Start: 11/15/19 11:38 Legal Start: 11/15/19 11:38 Expires: 12/13/19 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=6Az66q5xw6p0qAo-z

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]
RESENDREQUEST 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]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 11/15/2019 11:38 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 A190280541-12B
Date: Tuesday, November 5, 2019 8:38:49 AM

EXTERNAL EMAIL

EMLCFM 00611B USAS 11/05/19 08:38:22 A190280541-12B RNEW NORM POLY LREQ

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Ticket: A190280541 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 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=7BBoEiFr4p9i2o4-f

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]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 11/05/2019 08:38 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 A190280543-12B
Date: Tuesday, November 5, 2019 8:38:52 AM

EXTERNAL EMAIL

EMLCFM 00613B USAS 11/05/19 08:38:25 A190280543-12B RNEW NORM POLY LREQ

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Ticket: A190280543 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 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=FBDMKcLhAn6nlp7-g

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]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 11/05/2019 08:38 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 A190280551-12B
Date: Tuesday, November 5, 2019 8:38:50 AM

EXTERNAL EMAIL

EMLCFM 00612B USAS 11/05/19 08:38:24 A190280551-12B RNEW NORM POLY LREQ

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Ticket: A190280551 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 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=FBDMKcLhAn7k4mA-d

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]
 RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 11/05/2019 08:38 AM]

Members:

ATDSOUTH 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, Turbine removal, 480V Transformer FND'S_20191119

DATE / TIME: 11/20 and 11/22 2019 @ 1:30 **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **AT RISK**

☐ **DISAPPROVED**

☐ **PHASE PASS**

☐ **REINSPECTION REQUIRED**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.11.26
09:48:44 -08'00'

DATE: 11/26/19

COMMENTS:

Inspected the re-bar installation for the 13.8kV Switch Gear Foundation and the Turbine Removal Foundation on 11/20 at 1:30. Inspection passed with no exceptions taken. The re-bar installation for the Transformer Foundations will be done in the next day or two. Marylee inspected the Transformer Foundation on 11/22. All inspections passed with no exceptions taken.

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Ammonia Injection Skid FND_20191118

DATE / TIME: 11/18/2019 @ 1:30 pm **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☐ **PHASE PASS**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.11.18
13:30:58 -08'00'

DATE: 11/18/19

COMMENTS:

Approved with no exceptions taken

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Demin Water Tank Clean and Close _20191119

DATE / TIME: 11/19/2019 @ 10:30 pm **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☐ **PHASE PASS**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.11.19
10:33:09 -08'00'

DATE: 11/19/2019

COMMENTS:

Approved with no exceptions taken

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_East side Site Drainage_20191125

DATE / TIME: 11/25/2019 @ 1:30 pm INSPECTOR: Ed Puccetti

☒ APPROVED

☐ AT RISK

☐ DISAPPROVED

☐ PHASE PASS

☐ REINSPECTION REQUIRED

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.11.26
08:29:27 -08'00'

DATE: 11/26/19

COMMENTS:

Approved with no exceptions; review of installation on 10/9, 10/10, 10/11, 10/16 10/17 and 11/18

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Fire Protection Systems UG Pressure Test_20191107

DATE / TIME: 11/7/2019 @ 1:30 pm **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**

☐ **AT RISK**

☐ **DISAPPROVED**

☐ **PHASE PASS**

☐ **REINSPECTION REQUIRED**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.11.08
10:52:17 -08'00'

DATE: 11/8/19

COMMENTS:

This inspection request covers the underground only, for this systems indicated on the Pressure Test Reports, and based upon the signed Pressure Test Reports dated: 5-21-19, 6-19-19 and 6-26.

This system is passed based upon the information on these reports only.

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Fuel gas Systems UG Pressure Test_20191107

DATE / TIME: 11/7/2019 @ 1:30 pm **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **AT RISK**

☐ **DISAPPROVED**

☐ **PHASE PASS**

☐ **REINSPECTION REQUIRED**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.11.13
11:00:13 -08'00'

DATE: 11/13/2019

COMMENTS:

This inspection request covers the underground piping system; only, and for the systems indicated on the signed Pressure Test Reports, FSG-01, FSG-02 and FSG-04
This system is passed based upon the information on these reports only.

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Potable Water Systems UG Pressure Test_20191107

DATE / TIME: 11/7/2019 @ 1:30 pm **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**

☐ **AT RISK**

☐ **DISAPPROVED**

☐ **PHASE PASS**

☐ **REINSPECTION REQUIRED**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.11.08
11:06:23 -08'00'

DATE: 11/8/19

COMMENTS:

This inspection request covers the underground only, for this system indicated on the Pressure Test Reports, and based upon the signed Pressure Test Reports dated: 5-28-19, 6-14-19, 7-8-19 and 7-12-19.

This system is passed based upon the information on these reports only.

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Site Area Paving @ CTG #2 Area_20191107

DATE / TIME: 11/07/2019 @ 1:30 pm **INSPECTOR:** Ed Puccetti

☒ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☐ **PHASE PASS**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2019.11.08
09:09:23 -08'00'

DATE: 11/7/19

COMMENTS:

Approved with no exceptions taken

End Report