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# Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01  
Monthly Compliance Report No. 6  
Reporting Period: July 2019



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

## Table of Contents

Key Events List .....	3
1. Summary.....	3
1.1 Engineering .....	4
1.2 Procurement .....	5
1.3 Construction.....	5
1.4 Explanation of Significant Changes to the Schedule .....	6
2. Documents Required by Specific Conditions for MCR.....	6
3. Compliance Matrix .....	7
4. Conditions Satisfied During Reporting Period .....	7
5. Missed Deadlines.....	11
6. Approved Changes to Conditions of Certification (COC) .....	11
7. Governmental Agencies Submittals / Permits.....	11
8. Compliance Activity Two Month Schedule.....	11
9. On-Site Compliance File.....	11
10. Incidents, Complaints, Notices of Violation, Official Warnings and Citations.....	11
Attachment 1 – COM-6 Project Schedule .....	12
Attachment 2 – COM-5 Compliance Matrix .....	23
Attachment 3 – Air Quality.....	65
Attachment 4 –Biological Resources .....	141
Attachment 5 – CIVIL.....	277
Attachment 6 – Cultural Resources.....	279
Attachment 7 - Paleontology .....	284
Attachment 8 – ELEC-1 .....	314
Attachment 9 – GEN-2 Master Drawing List .....	316
Attachment 10 – GEN-3 CBO Payment .....	318
Attachment 11 – GEN-6 Special Inspectors.....	320
Attachment 12 – Gen-7 Discrepancy.....	333
Attachment 13 – GEN-8 Final Inspections.....	335
Attachment 14 – SOIL&WATER-4 Water Use.....	337
Attachment 15 – SOIL&WATER-8 Encroachment Permit.....	339
Attachment 16 – STRUC-1 CBO Approvals .....	341
Attachment 17 – TRANS-1 Permits .....	354
Attachment 18 – Safety Inspection Report .....	356
Attachment 19 – CIVIL-3 Non-Compliance Reports .....	358
Attachment 20 - COM-6 Filings & Permits to/by Government Agencies .....	360
Attachment 21 - COM-11 Reporting of Complaints, Notices, and Citations .....	369
Attachment 22 – MECH-1 CBO Inspection Approvals .....	371

### 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		August 20, 2019
Completion of Installation of Major Equipment		December 24, 2019
First Combustion of Gas Turbine		December 23, 2019
Obtain Building Occupation Permit		TBD
Start Commercial Operation		BESS July 1, 2020; LM6000 July 1, 2020
Complete All Construction		April 28, 2020
TRANSMISSION LINE ACTIVITIES		
Start Transmission Line Construction		August 2019
Complete Transmission Line Construction		November 2019
Synchronization with Grid and Interconnection		March 2, 2020
FUEL SUPPLY LINE ACTIVITIES		
Start Gas Pipeline Construction and Interconnection		August 2019
Complete Gas Pipeline Construction		November 2019
WATER SUPPLY LINE ACTIVITIES		
Start Water Supply Line Construction		TBD
Complete Water Supply Line Construction		TBD

## 1. Summary

On November 7, 2018, the California Energy Commission (CEC) issued its Commission Decision (Docket No. 16-AFC-01) approving construction and operation of the Stanton Energy Reliability Center (SERC) Project. The CEC Compliance Project Manager (CPM) issued a Limited Notice to Proceed (LNTP) on Jan 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: July 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).

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 July 2019.

Activity	Percent Complete
<b>Engineering</b>	
Power Island	99%
CBO Support	64%
BESS Design	3%
<b>Procurement</b>	
Owner Supplied Equipment	84%
Contractor Supplied Equipment	43%
<b>Construction</b>	
Power Island	25%
BESS	1%

## 1.1 Engineering

Through the month of July 2019, Power Engineering (PEI) continued with plant design and supported the submittal of engineering drawings to the DCBO for review and approval. Weekly meetings are held with the DCBO and CPM to review progress.

On July 31, 2019, SERC selected Power Engineers for its Design Engineer for the Battery Energy Storage System facilities and executed an engineering services contract.

Through the month of July 2019, Power Engineers finalized and issued drawings and calculations for module area platforms. Emission reduction unit foundation drawings were modified to align with calculation differences. Sleeper tray foundations calculations and drawings were finalized and issued. In addition, five new piping isometrics were issued for small bore piping. Substation schematic drawings and cable lists were finalized and issued.

Power Engineers commenced programming supervisor control system equipment and added logic for gas shutoff valve, Demin pumps, NH3 forwarding pumps, fogging system and coalescing filter valves.

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

- Continued with preparation of termination drawings by comparing cable schedule to the Input/Output list to the original equipment manufacturer drawings
- Continued to respond to contractor requests for information
- Continued to receive contractor shop drawings for review and approval
- Prepared supplemental information documents to construction with design modifications
- Continued to receive owner supplied equipment shop drawings for review, comment, and coordination with design
- Continued to respond to DCBO comments
- Continued to participate in weekly design coordination calls

## 1.2 Procurement

The procurement of Owner Supplied Equipment (OSE) continues and is currently 84% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 43% complete. Major procurement activities completed by construction contractor in July include:

- Issued purchase orders for enclosed metal buildings, enclosures and architectural purpose-built enclosures/fencing

## 1.3 Construction

The major Unit 2 foundations were completed during the month of July, with the focus moving to Unit 1.

Electrical duct bank work was focused on the conduits needed for installation of the Unit 1 foundations and the PDM/CM areas. Work was completed on the 66kV duct bank up to the Dale Ave. tie-in point with SCE.

Underground pipe work was completed in the corridor along the north side of Parcel 1 working eastward from the Vehicle Bridge. The lines were tested and backfill completed the second week of July. Underground Pipe on Parcel 2 was installed up to the east end of the office complex.

### Safety:

The month of July was completed with no, lost time, or recordables. Weekly all hands meetings continue to address issues and raise morale through training and information.

During this reporting period the project worked 11,492 man-hours without a lost time or recordable incident. There were two first aids during the reporting period. To date, the

project has worked 53,504 man-hours without a lost time, or recordable Incident, and only one first aid.

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

Civil:

- Encased and backfilled East end of 66 kV duct bank
- Backfilled North Pipe Trench
- Backfilled Parcel 2 pipe trench up to East end of office trailers
- Excavated for Communication conduits at 66kV
- Prepared subgrade for various foundations
- Prepped Roadways and driveway for SCE parcel laydown

Piping:

- Installation of underground pipe on Parcel 1
- Fabrication for aboveground pipe

Structural:

- Placed ERU2 and CT1 Foundations
- Completed Utility Rack foundations
- Completed Perimeter Wall Foundations for Unit 2
- Completed Gas Compressor and Oil Cooler Foundations
- Placed Water Treatment area RO Skid and MCC Foundations
- Installed forms and rebar base mat for ERU 1

Electrical:

- Continued Material Procurement
- Completed installation of 66kV duct bank up to Dale Ave
- Continued installation of UG in Unit 2 and Unit 1 area
- Installed duct bank conduits under PCM and 480V duct bank at Unit 2
- Grounding installed in several areas

#### 1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion remains at February 26, 2020 as shown in the June 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 30 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 264. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

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

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

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

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

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

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

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

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

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

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

**CUL-1:** An additional CRS (Ryan Moritz) was proposed during the reporting period.

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

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

**CUL-5:** During the reporting period 30 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 264. Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

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

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

**ELEC-1:** Documentation of transmittal of electrical construction design review and approval by the DCBO during the reporting period is included in Attachment 8.

**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 (Attachment 11).

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

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

**HAZ 8:** The 30-day notification to the CPM of the initial receipt of hazardous materials on site as required in HAZ-8 is still pending.

**MECH-1:** Documentation of transmittal letters of completion of all DCBO inspections are included in Attachment 22.

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

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

**PAL-1:** There were no new PRM's proposed during the reporting period.

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

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

**PAL-5:** During the reporting period 30 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 264. 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 13,200 CF. Daily water usage is provided within Attachment 14.

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

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

**STRUC-4:** The Ammonia Tank that was designed to contain quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC was installed during this reporting period. As required in Struc-4 the CBO's approval of the final design plans, specifications, and calculations including a copy of the signed and stamped engineer's certification is included in Attachment 16.

**TRANS-1:** There were no required permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes (Attachment 17).

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

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

**TSE-2:** There was no construction of power plant switchyard, outlet line, and termination during this reporting period.

**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 and twelve (12) 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 July 2019.

Attachment 1 – COM-6 Project Schedule



[illegible]



SERC Baseline Project Master Schedule (w/ARB July Sched) CEC/SCE				WBS Summary				09-Aug-19 14:04																													
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	19	2020												2021																22
								Jul	A	S	Oct	N	D	Jan	F	M	A	M	J	Jul	A	S	Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D
	AQ-1170	AQ-K1 - Source Test Results	0	0%	09-Jun-20		393	-276																													
	Biological		376	0%	31-Jul-19	12-Nov-20	268	0																													
	BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on File	0	0%	12-Nov-20		268	0																													
	BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0	0%	08-May-20		418	0																													
	BIO-1020	BIO-7b - General Impact Avoidance and Mitigation Measures	0	0%	08-May-20		418	0																													
	BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoidance and Mini	0	0%	31-Jul-19		517	0																													
	BIO-1040	BIO-8a2 - Pre-Construction Nest Surveys and Impact Avoidance and Mini	0	0%	19-Aug-19		517	0																													
	BIO-1050	BIO-8b - Preconstruction Nest Survey Letter Report	0	0%	19-Aug-19		517	0																													
	BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusion in BRMIMP	0	0%	05-Sep-19		518	0																													
	Civil		0	0%	01-May-20	01-May-20	424	-10																													
	CIV-1010	CIVIL-4a - Final Grading Plan Approval	0	0%	01-May-20		424	-10																													
	Communication		0	0%	17-Jan-20	17-Jan-20	508	0																													
	COM-1020	COM-12b - Emergency Response Site Contingency Plan	0	0%	17-Jan-20		508	0																													
	Cultural		90	0%	01-May-20	21-Aug-20	334	-100																													
	CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from the CPM.	0	0%	01-May-20		424	-10																													
	CUL-1010	CUL-4b - Final Cultural Resources Report	0	0%	21-Aug-20		334	-100																													
	General		97	0%	21-Apr-20	20-Aug-20	335	-42																													
	GEN-1000	GEN-1a - Certificate of Occupancy	0	0%	20-Aug-20		335	-42																													
	GEN-1010	GEN-1b - Certificate of Occupancy	0	0%	20-Aug-20		335	-42																													
	GEN-1030	GEN-8b - Plan and Specification Storage	0	0%	21-Apr-20		432	-112																													
	GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0%	12-Aug-20		342	-112																													
	Hazardous		140	4.29%	20-Jul-19 A	11-Jan-20	513	20																													
	HAZ-1000	HAZ-2a - Final HMBP and SPCC	0	100%	20-Jul-19 A			0																													
	HAZ-1010	HAZ-2b - Final Risk Management Plan	0	0%	29-Jul-19		645	7																													
	HAZ-1020	HAZ-2c - Final Risk Management Plan	0	0%	20-Oct-19		579	-59																													
	HAZ-1030	HAZ-3 - Aqueous Ammonia Safety Management Plan	0	0%	20-Oct-19		579	-59																													
	HAZ-1040	HAZ-4 - Ammonia Storage Tank Design	0	0%	20-Oct-19		579	-59																													
	HAZ-1050	HAZ-5 - Transport Vehicle Specifications	0	0%	20-Oct-19		579	-59																	</												

SERC Baseline Project Master Schedule (w/ARB July Sched) CEC/SCE				WBS Summary				09-Aug-19 14:04																																			
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	19							2020														2021														22
								Jul	A	S	Oct	N	D	Jan	F	M	A	M	J	Jul	A	S	Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D	lan					
	NOI-1020			NOISE-4b - Noise Survey Summary Report																																							
	NOI-1030			NOISE-5 - Occupational Noise Survey																																							
	Paleo	60	0%	21-Aug-20	04-Nov-20	274	-10																																				
	PAL-1000		0%	21-Aug-20		274	-10																																				
	PAL-1010		0%	04-Nov-20		274	-10																																				
	Structural	0	0%	20-Oct-19	20-Oct-19	579	-59																																				
	STR-1010		0%	20-Oct-19		579	-59																																				
	Transmission	0	0%	27-Dec-19	27-Dec-19	525	-10																																				
	TLSN-1010		0%	27-Dec-19		525	-10																																				
	Transportation	0	0%	12-Nov-20	12-Nov-20	268	0																																				
	TNP-1000		0%	12-Nov-20		268	0																																				
	Switchyard	494	0%	04-Feb-20	13-Oct-21	0	-407																																				
	TSE-1020		0%	13-Oct-21		0	-407																																				
	TSE-1050		0%	11-Feb-20		488	-44																																				
	TSE-1060		0%	04-Feb-20		494	-32																																				
	TSE-1070		0%	18-Apr-20		435	-30																																				
	TSE-1080		0%	18-Apr-20		435	-30																																				
	TSE-1090		0%	18-Apr-20		435	-30																																				
	Visual	246	0%	09-Jan-20	12-Nov-20	268	-159																																				
	VIS-1000		0%	01-Apr-20		448	0																																				
	VIS-1010		0%	09-Jan-20		514	-54																																				
	VIS-1020		0%	01-May-20		424	-54																																				
	VIS-1030		0%	09-May-20		417	-10																																				
	VIS-1080		0%	12-Nov-20		268	-180																																				
	VIS-1100		0%	12-Nov-20		268	-180																																				
	Waste	131	0%	01-Jun-20	12-Nov-20	268	-141																																				
	WASTE-1020		0%	01-Jun-20		399	-10																																				
	WASTE-1050		0%	12-Nov-20		268	-180																																				
	Worker Safety	209	0%	28-Jul-19	14-Apr-20	437	0																																				
	WRSF-1000		0%	11-Jan-20		513	-10																																				
	WRSF-1010		0%	11-Jan-20		513	-10																																				
	WRSF-1020		0%	28-Jul-19		647	7																																				
	WRSF-1040		0%	28-Jul-19		647	7																																				
	WRSF-1050		0%	30-Jan-20		497	0																																				
	WRSF-1060		0%	30-Jan-20		497	0																																				
	WRSF-1070		0%	14-Apr-20		437	0																																				
	WRSF-1080		0%	14-Apr-20		437	0																																				
LM6000 Construction Schedule		338	42.55%	09-Nov-18 A	13-Jul-20	254	-28																																				

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Milestone

Page 5 of 10

TASK filter: Not Level Of Effort.

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SERC Baseline Project Master Schedule (w/ARB July Sched) CEC/SCE				WBS Summary				09-Aug-19 14:04																														
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	19	2020												2021																22	
								Jul	A	S	Oct	N	D	Jan	F	M	A	M	J	Jul	A	S	Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D	Jan
01215	66kV Dead-End Rack Construction Complete	0	100%		01-Jul-19 A		0																															
01220	Diverse Fiber Duct Construction Complete	0	0%		15-Aug-19*	0	0																															
01225	Control House Ready for SCE Telecom Cabinets	0	0%		01-Oct-19*	-26	0																															
01230	Ready for In-Service Testing	0	0%		01-Nov-19*	0	0																															
Environmental		150	100%	01-Aug-18 A	31-May-19 A		0																															
0355	Environmental Process	150	100%	01-Aug-18 A	31-May-19 A		0																															
Substation		388	66.49%	25-Jan-18 A	24-Jan-20	-75	0																															
Mirage Substation		227	100%	14-May-18 A	13-Jun-19 A		0																															
Engineering		130	100%	14-May-18 A	15-Apr-19 A		0																															
01005	Preliminary Engineering	50	100%	14-May-18 A	30-May-18 A		0																															
01170	Final Engineering	80	100%	07-Aug-18 A	15-Apr-19 A		0																															
Construction		34	100%	16-Apr-19 A	31-May-19 A		0																															
01015	UFLS Work Start	0	100%	16-Apr-19 A			0																															
01020	UFLS Work	34	100%	16-Apr-19 A	31-May-19 A		0																															
01025	UFLS Work Finish	0	100%		31-May-19 A		0																															
Commissioning		10	100%	31-May-19 A	13-Jun-19 A		0																															
01000	Test & In-Service	10	100%	31-May-19 A	13-Jun-19 A		0																															
Distribution Upgrades at Barre Substation (SAP# 902360074)		350	62.86%	14-May-18 A	24-Jan-20	-75	0																															
Engineering		145	100%	14-May-18 A	10-Apr-19 A		0																															
Preliminary Engineering		20	100%	14-May-18 A	30-May-18 A		0																															
01030	Preliminary Engineering	20	100%	14-May-18 A	30-May-18 A		0																															
Final Engineering / Design		145	100%	04-Sep-18 A	10-Apr-19 A		0																															
01035	Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19 A		0																															
01040	Civil Engineering / Design	47	100%	03-Dec-18 A	05-Feb-19 A		0																															
01045	Structural Engineering / Design	100	100%	04-Sep-18 A	05-Feb-19 A		0																															
01050	Final Engineering / Designs	34	100%	17-Dec-18 A	05-Feb-19 A		0																															
01060	Quality Assurance Review	23	100%	06-Feb-19 A	08-Mar-19 A		0																															
01065	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0																															

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Attachment 2 – COM-5 Compliance Matrix

[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)																					
2	All Phases							6/30/2040						CBO Color Code:								
3															Pre-Construction							
4															Commissioning							
5															Operations							
6	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR	
7	AQ	AQ-02a	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SO <sub>x</sub> , 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 protocol 45 days before test date to Notify District and CPM	6/30/2019														
8																						
9	AQ	AQ-02b	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SO <sub>x</sub> , 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 and CPM	6/30/2019		Not Started											SERC	DSR
10																						
11	AQ	AQ-02c	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SO <sub>x</sub> , 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	Notify District and CPM 10 days before the test of date and time. Test every three years.	6/30/2019		Not Started											SERC	DSR
12																						
13	AQ	AQ-03a	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 during first 12 months of operation and annually after that. 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 protocol 45 days before test date to District and CPM	6/30/2019		Not Started											SERC	DSR
14																						
15	AQ	AQ-03b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 during first 12 months of operation and annually after that. 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 to District and CPM	6/30/2019		Not Started											SERC	DSR
16																						
17	AQ	AQ-03c	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 during first 12 months of operation and annually after that. 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	Notify District and CPM 10 days before the test of date and time.	6/30/2019		Not Started											SERC	DSR
18																						
19	AQ	AQ-03d	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 during first 12 months of operation and annually after that. 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	Test quarterly in first 12 months and annual thereafter.	Ongoing		Not Started											SERC	DSR
20																						
21	AQ	AQ-04a	COM/OPS	CEMS for CO - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAGMD approval.	6/30/2019		Not Started											SERC	DSR
22																						
23	AQ	AQ-04b	COM/OPS	CEMS for CO - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/13/2020		Not Started											SERC	DSR
24																						
25	AQ	AQ-05a	COM/OPS	CEMS for NOx - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAGMD approval.	6/30/2019		Not Started											SERC	DSR
26																						
27	AQ	AQ-05b	COM/OPS	CEMS for NOx - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/13/2020		Not Started											SERC	DSR
28																						
29	AQ	AQ-06a	COM/OPS	Meter for NH3 Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate NH3 Meter	Prior to first fire	2/5/2020		Not Started											SERC	DSR
30																						
31	AQ	AQ-06b	COM/OPS	Meter for NH3 Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Documentation demonstrating compliance in Quarterly Operations Report, including table of shutdowns	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started											SERC	DSR
32																						
33	AQ	AQ-06c	COM/OPS	Meter for NH3 Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate NH3 Meter	Once every 12 months	Ongoing		Not Started											SERC	DSR

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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)																				
2	All Phases							6/30/2040					CBO Color Code:	Pre-Construction							
3														Construction							
4				Revised 4/30/2019		Based on Final Staff Assessment								Commissioning Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with detail))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR
6	AQ	AQ-E5	COM/OPS	The project owner shall vent this equipment, during filling, only to the vessel from which it is being filled.	Make the site available for inspection by representatives of the District, ARB, EPA and the Energy Commission.			Ongoing													
7	AQ	AQ-F1	CONS/COM /OPS	<b>Air Discharge Limits</b> - Except for open abrasive blasting operations, the project owner shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is: (a) As dark or darker in shade as that designated No. 1 on the Ringelmann chart, as published by the United States Bureau of Mines; or (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.	Make the site available for inspection by representatives of the District, ARB, EPA and the Energy Commission.	NA	Design and operation	Conditional		Not Started										SERC	DSR
8																					
9	AQ	AQ-H1	COM/OPS	<b>Nox CEMS Performance Evaluation</b> - Initial performance test of the turbine to demonstrate compliance of §60.4380, and §	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		No later than 180 days after initial start-up	9/17/2020		Not Started										SERC	DSR
10																					
11	AQ	AQ-H2	COM/OPS	<b>Nox CEMS requirements</b> - The Nox CEMS shall comply with the requirements of conditions 082.2 (AQ05), H23.1 (AQ-H1), and H23.2 (AQ-H2).	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.			Ongoing		Not Started										SERC	DSR
12																					
13	AQ	AQ-H3	COM/OPS	<b>Refrigerants Requirements</b> - The equipment is subject to the applicable requirements of District Rule 3415. [Devices subject to this condition: E15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.			Ongoing		Not Started										SERC	DSR
14																					
15	AQ	AQ-H4	COM/OPS	<b>Refrigerants Requirements</b> - This equipment is subject to Rule 40 CFR 82, Subpart F. [Devices subject to this condition: E15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.			Ongoing		Not Started										SERC	DSR
16																					
17	AQ	AQ-K1	COM/OPS	<b>Source Test Results</b> - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.		Source test results	No later than 90 days following the source test date	6/30/2019		Not Started										SERC	DSR
18																					
19	AQ	AQ-K2	CONS/COM /OPS	The project owner shall keep records, in a manner approved by the district, for the following parameter(s) or item(s): For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings. For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings. [RULE 3004(a)(4) – Periodic Monitoring, 12-12-1997] [Devices subject to this condition: E14]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	make site available for inspection	ongoing	Ongoing		Not Started									SERC	TLB	
20																					
21	AQ	AQ-SC1	PC	<b>Air Quality Construction/Demolition Mitigation Manager (AQCM)</b> - The project owner shall designate and retain an on-site AQCM who shall be responsible for directing and documenting compliance with AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction.	Project owner shall submit to the AQCM Delegates	Resume of AQCM &	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018 Additional Delegates (03/27/2019)	Completed	11/6/2018 04/03/2019									SERC	GAL
22																					
23	AQ	AQ-SC2	PC	<b>Air Quality Construction Mitigation Plan</b> - The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQ-SC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018	Completed	11/19/2018									SERC	GAL
24																					
25	AQ	AQ-SC3	CONS	<b>Air Quality Fugitive Dust MCR</b> - The AQCM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of minimizing fugitive dust emissions created from construction activities and preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision for list of items (A through N).	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly	Ongoing		In Progress										SERC	GAL
26																					
27																					
28																					
29																					
30																					
31																					
32																					
33																					
34																					

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																				
72	All Phases							6/30/2040					CBO Color Code:		Pre-Construction						
73															Construction						
74															Commissioning						
75															Operation						
	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR
76	BIO	BIO-5e	CONS/CONS/O/PS	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	Annual training and new employee training	Date Submitted to CPM	Not Started											
77	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	12/21/2019	10/19/2018	Completed	12/13/2018									JACOBS	GAL
78	BIO	BIO-6b	PC/CONS/O/PS	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	Not Started											JACOBS	GAL
79	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
80	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	Ongoing		In Progress										SERC	GAL
81	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
82	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	Ongoing		In Progress										SERC	GAL
83	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
84	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 construction start. Pre-construction nest surveys 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 5/12/2019 For Gas Line: 8/14/19	1/22/2019 2/4/2019 7/3/2019 7/9/2019	In Progress	7/3/2019 7/11/2019						CDFW, USFWS	1/22/2019		JACOBS	GAL
85	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, 2/13/2019 For Gas Line: 5/3/19	1/22/2019 2/1/2019 5/7/19	Complete							CDFW, USFWS			JACOBS	GAL
86																					



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[illegible]

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																					
16	All Phases							6/30/2040					CBO Color Code:	Pre-Construction							
17														Construction							
18														Commissioning							
19														Operation							
20	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
21	GEN	GEN-1b	CONS/COM	<b>Certificate of Occupancy</b> - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBC), also known as Title 24, California Code of Regulations, which encompasses the (see <b>Decision</b> for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBC is in effect, the 2016 CBC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	A copy of the Certificate of Occupancy to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	6/28/2020		Not Started											
22	GEN	GEN-1c	OPS	<b>Certificate of Occupancy</b> - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBC), also known as Title 24, California Code of Regulations, which encompasses the (see <b>Decision</b> for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBC is in effect, the 2016 CBC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	Once certificate of occupancy has been issued, the project owner shall inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Notice of construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Within 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Conditional		Not Started										SERC	DSR
23	GEN	GEN-2a	PC	<b>Schedule of Drawings, Master Drawings, Specification Lists</b> - 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 <b>Decision</b> 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 Dwg, Equip & Sub 1/18/2019	2.1 Approved 1/23/19				POWER	TAT
24	GEN	GEN-2b	PC/CONS	<b>Updates to Drawings and Lists</b> - See GEN-2a	Provide Updates to Schedule of Drawings and Specification Lists updates in the MCR	Schedule updates	Monthly	Monthly Compliance Report		In Progress					1/18/2019	1/23/2019				SERC	GAL
25	GEN	GEN-3a	PC/CONS/COM	<b>Payment of CBO</b> - 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	RBF/JLI

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>												CBO Color Code:	Pre-Construction							
2	All Phases													Construction							
3	Revised 4/30/2019													Commissioning							
4	Based on Final Staff Assessment													Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
6	GEN	GEN-3b	PC/CONS/OM	<b>Payment of CBO</b> - 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						
174	GEN	GEN-4a	PC	<b>Resident Engineer</b> - 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 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NVS: 3/4/2019				SERC	TAT
175	GEN	GEN-4b	PC/CONS	<b>Approval of RE</b> - See GEN-4a	Notify the CPM of the CBO's approval 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 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NVS: 3/4/2019				SERC	TAT
176	GEN	GEN-4c	PC/CONS	<b>Approval of Newly Assigned RE</b> - 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		Conditional					2/6/2019	2/12/2019				SERC	TAT
177	GEN	GEN-4d	PC/CONS	<b>Notification of Newly Assigned RE</b> - See GEN-4a	Notify the CPM of the CBO's approval 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	Completed					2/6/2019	2/12/2019				SERC	GAL
178	GEN	GEN-5a	PC	<b>Registered Engineers</b> - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	At least 30 days prior to the start of rough grading	12/3/2018		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
179	GEN	GEN-5b	PC	<b>Approval of Responsible Engineers</b> - See GEN-5a	Notify the CPM of the CBO's approval of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
180	GEN	GEN-5c	PC	<b>Registered Engineers</b> - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for responsible design engineer, mechanical engineer, and electrical engineer	At least 30 days prior to the start of construction	1/5/2019		In Progress					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
181	GEN	GEN-5d	PC	<b>Approval of Responsible Engineers</b> - See GEN-5a	Notify the CPM of the CBO's approval of the responsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.	Notification to CPM	Within 5 days of the approval	1/18/2019		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
182	GEN	GEN-5e	CONS	<b>Reassignment of Designated Engineer</b> - See GEN-5a	Notify the CPM and CBO if a designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re-assignment	Conditional		Conditional										SERC	GAL/TAT
183	GEN	GEN-5f	CONS	<b>Approval of Replacement Engineers</b> - See GEN-5a	Notify the CPM of the CBO's approval of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional	4/11/2019	Conditional	4/11/2019									SERC	GAL
184	GEN	GEN-6a	CONS	<b>Special Inspector Assignment</b> - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2016 CBC. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Names and qualifications of certified special inspectors	At least 15 days before start of an activity requiring special inspectors	Ongoing		Not Started					PC1: 1/26/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB
185	GEN	GEN-6b	CONS	<b>Approval of Inspectors</b> - See GEN-6a	Submit a copy of the CBO's approval of inspectors	Copies of CBO approvals in the MCR	Monthly	Monthly		Not Started					PC1: 1/16/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB

	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									Operation							
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 ARB	SERC Project Manager TLB	
6	GEN	GEN-6c	CONS	Reassignment of Inspectors - See GEN-6a	Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	Names and qualifications of certified special inspectors	Within 5 days of re-assignment	Conditional		Conditional						conditional					ARB	TLB
7	GEN	GEN-6d	CONS	Approval of Replacement Inspectors - See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional		Conditional												
8	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 Compliance Report	Conditional	Conditional										SERC	GAL	
9	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	Conditional	Conditional										SERC	GAL	
10	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.	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	Ongoing	In Progress											SERC	GAL	
11	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	12/4/2019	Not started												SERC	GAL
12	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 disc.	Within 90 days of the completion of construction	3/25/2020	Not started												SERC	TAT
13	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	N/A						1-1-0: 1/7/19 1-4-0:1/7/19	1-1-0: 2/1/19 1-4-0: 2/1/19				NVS	TAT	
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1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:		Pre-Construction							
2	All Phases							6/30/2040							Construction							
3				Revised 4/30/2019		Based on Final Staff Assessment									Commissioning							
4																						
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 Power	SERC Project Manager TAT	
6	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: 1/10/19 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	1.1: 2/28/19 1.2: 5/16/19 1.3: 5/7/19 1.4: 3/1/19 1.5: 5/7/19 1.6: 6/10/19 PC1						
7																						
8																						
9																						
10	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 Compliance Report (one time)	Not Started						1.2: 2/8/2019	1.2: 2/8/19					SERC	GAL
11																						
12																						
13																						
14	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						1.3: 2/11/19	1.3: 2/11/19					SERC	GAL
15																						
16	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.	Design documents to CBO	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	9/24/2019	Not Started						1.4: 3/1/19	1.4: 3/1/19					Power	TAT
17																						
18																						
19	MECH	MECH-2b	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.	Design documents to CBO with copy of transmittal to CPM	Monthly Compliance Report (one time)	Monthly Compliance Report (one time)	Not Started												SERC	GAL
20																						
21	MECH	MECH-2c	CONS	CBO and Cal-OSHA Inspections and Approvals, Pressure Vessels, MCR- See MECH-2a	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 and/or Cal-OSHA inspection approvals.	Letters documenting CBO and Cal-OSHA inspection approvals in MCR	Monthly	Monthly	Not Started												SERC	GAL
22																						
23	MECH	MECH-3a	PC/CONS	HVAC Plans- The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See Decision MECH-3 for additional specifications).	The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CRC and other applicable codes, with a copy of the transmittal letter to the CPM.	Calculations, plans, and specification, and statement of compliance to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	9/28/2019		Not started											SERC	JBM
24																						
25																						

	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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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager JBM
6	MECH	MECH-3b	PC/CONS	<b>HVAC Plans</b> - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See Decision MECH-3 for additional specifications).	The project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	Calculations, plans, and specification, and statement of compliance to CPM	At least 30 days (or project owner- and SPN-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	9/28/2019		Not started											
216	NOISE	NOISE-1a	PC	<b>Public Notification Process</b> - Prior to the start of ground disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of the linear facilities, by mail or by other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours a day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction where it is visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	The project owner shall transmit to the CPM a statement, signed by the project owner's project manager, stating that the notification to residents within one mile of the project has been performed, and describing the method of that notification.	Public notice to residents	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018									JACOBS	GAL
217	NOISE	NOISE-1b	PC	<b>Telephone Number Confirmation</b> - See NOISE-1a	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the telephone number has been established and posted at the site, and providing that telephone number.	Confirmation of that the telephone number has been established and posted at the site.	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018									SERC	GAL
218	NOISE	NOISE-2a	CONS/COM/OPS	<b>Noise Complaint Process</b> - Throughout the construction and the full term of operation, including facility closure, the project owner shall document, investigate, evaluate, and attempt to resolve all project related noise complaints. See Decision NOISE-2 for specifications.	File with the CPM a Noise Complaint Resolution Form that documents the resolution of the complaint.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	Completed	4/9/2019									SERC	GAL
219	NOISE	NOISE-2b	CONS/COM/OPS	<b>Noise Complaint Resolution</b> - 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		Conditional										SERC	GAL
220	NOISE	NOISE-3	PC	<b>Employee Noise Control Program</b> - 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.	For 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
221	NOISE	NOISE-4a	COM/OPS	<b>Operational Noise Survey</b> - 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	3/30/2020		Not Started										Innova	DSR
222	NOISE	NOISE-4b	COM/OPS	<b>Noise Survey Summary Report</b> - 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	Within 15 days after the survey	4/18/2020		Not Started										Innova	DSR
223	NOISE	NOISE-4c	COM/OPS	<b>Revised Noise Survey Summary</b> - 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
224	NOISE	NOISE-5	COM/OPS	<b>Occupational Noise Survey</b> - 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.	Noise Survey Report	Within 30 days after completing each survey	TBD		Not Started					(Ref Only)					Innova	DSR

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1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>												CBO Color Code:	Pre-Construction							
2	All Phases													Construction							
3	Revised 4/30/2019													Commissioning							
4	Based on Final Staff Assessment													Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/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 JACOBS	SERC Project Manager GAL
6	PAL	PAL-8	CONS/COM/OPS	<b>Curation Entity/Curation Fees</b> - The project owner, through the designated PRS, shall ensure that all components of the PRMAP 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	10/22/2020		Not Started											
24	SOCIO	SOCIO-1	PC	<b>School Facility Development Fee</b> - 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 7213 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
24	S&W	SOIL & WATER-1a	PC	<b>NPDES Construction Permit Requirements</b> - 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. CA5000002) 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
24	S&W	SOIL & WATER-1b	PC	<b>NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP)</b> - See SOIL & WATER 1a	Construction SWPPP to SWRCB	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
24	S&W	SOIL & WATER-1c	PC/CONS	<b>Correspondence with SARWQCB</b> - 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		Conditional					SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL
24	S&W	SOIL & WATER-2a	PC	<b>Stormwater Management Plan/WQMP</b> - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) and 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 <b>Decision SOIL&amp;WATER-2</b> 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 (Rev 3/19) 3/27/2019	Completed	9/14/2018				PC1: 1/7/2019 PC2: 2/21/19 PC3: 3/18/19 (Ref Only)	3/27/2019				SERC	GAL
24	S&W	SOIL & WATER-2b	PC	<b>Orange County Public Works Department Review of WQMP</b> - 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				(Ref Only)					SERC	GAF
24	S&W	SOIL & WATER-2c	PC/CONS	<b>Correspondence with County Re: Stormwater</b> - 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		Conditional					(Ref Only)					SERC	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	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 (Ref Only)	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL		
6	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 6/30/2019	12/4/2018	Completed Not Started	12/13/2018					(Ref Only)							
23	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	
24	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	6/30/2019		Not Started					(Ref Only)						SERC	GAL	
25	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 Compliance Report		In progress					(Ref Only)								
26	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)					ARB	SERC	GAL	
27	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.	Evidence of requirements and necessary fees paid for connection to CPM	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	12/3/2018 6/30/2019	11/29/2018	Completed Not Started	12/1/2/18				(Ref Only)						ARB	GAL	
28	S&W	SOIL & WATER-5b	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.	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.	Complete	2/22/2019 3/21/2019 (update)	Completed					(Ref Only)						SERC	GAL	
29	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		Not Started					(Ref Only)						SERC	DSR	
30	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	Not Started	5/16/2019				(Ref Only)						ARB	GAL	
31	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.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Annual Compliance Report	6/30/2019		Not Started					(Ref Only)						SERC	DSR	
32	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 402, 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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261	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:		Pre-Construction						
262	All Phases							6/30/2040							Construction						
263	Revised 4/30/2019					Based on Final Staff Assessment									Commissioning						
264																					
265	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
266	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					
267	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
268	TRANS	TRANS-3a	PC	Restoration of Public Roads, Easements, and Rights-of-Way - The project owner shall restore all public roads, easements, rights-of-way, and any other transportation infrastructure damaged due to project-related construction and traffic. Restoration shall be completed in a timely manner to the infrastructure's original condition. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of site mobilization, the project owner shall notify the relevant agencies, including the city of Stanton, county of Orange, Caltrans District 12, and any jurisdictions affected by construction of the linear facilities, of the proposed schedule for project construction. The purpose of this notification is to request that these agencies consider postponement of any planned public right-of-way repairs or improvement activities in areas affected by project construction until construction is completed, and to coordinate any concurrent activities that cannot be postponed.	Prior to the start of site mobilization, the project owner shall videotape roads and intersections along the major routes construction vehicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other recorded visual media to the CPM.	Videotape of pre-project road conditions	Prior to the start of site mobilization	1/31/2019	1/30/2019	Completed	1/31/2019				1/31/2019 (Ref Only)	1/31/2019				SERC	GAL
269	TRANS	TRANS-3b	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Notify CPM and affected agencies to identify sections to be repaired. Establish schedule for completion of repairs with CPM	After road damage has been identified	Conditional		Conditional					(Ref Only)					SERC	GAL
270	TRANS	TRANS-3c	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Letters signed by the agency accepting the repairs	Following completion of repairs	Conditional		Conditional					(Ref Only)					SERC	GAL
271	TRANS	TRANS-4a	PC	Encroachment into Public Rights-of-Way - Prior to any ground disturbance, improvements, or obstruction of traffic within any public road, easement, or right-of-way, the project owner shall coordinate with all applicable jurisdictions, including the city of Stanton, to obtain necessary encroachment permits and comply with all applicable regulations, including applicable road standards.	The project owner shall provide copies to the CPM of all permits received from any affected jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19 SCE 9/20/19		Not Started					(Ref Only)					SoCalGas/SCE	GAL
272	TRANS	TRANS-4b	CONS/OPS	Copies of Permits - See TRANS-4b	The project owner shall retain copies of the issued permits and supporting documentation in its compliance file.	Copies of the issued permits	Minimum of 180 calendar days after the start of commercial operation	11/12/2020		Not started					(Ref Only)					SERC	TLB
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2	All Phases							6/30/2040							Construction							
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5	VIS	VIS-3b	CONS	Lighting Modifications Corrections - See VIS-3a	If the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.	Lighting modifications/ corrections/ notification to CPM	Within 14 calendar days of receiving notification	Conditional		Conditional												
324	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Conditional										SERC	GAL	
325	VIS	VIS-3d	CONS	Summary of Complaints in MCR - See VIS-3a	The project owner shall report any lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	Summary of complaints and resolution in MCR, including report and forms	Monthly	Monthly		In Progress										SERC	GAL	
326	VIS	VIS-4a	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Lighting Management Plan and transmittal letters to Planning Director of City of Stanton for review and comment	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018		Completed					(Ref Only) Submitt 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL	
327	VIS	VIS-4b	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Provide CPM with transmittal letter submitted to city and the Lighting Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018					(Ref Only) Submitt 6/4/2019					SERC	GAL
328	VIS	VIS-4c	CONS/COM/OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and comment and the CPM from review and approval. No work to implement the plan (e.g., purchasing of fixtures) shall begin until final plan approval is received from the CPM.	Revised Lighting Plan	No specific time frame	Conditional		Conditional					(Ref Only)					POWER	GAL	
329	VIS	VIS-4d	CONS/COM	Lighting Inspection Ready, Notification - See VIS-4a	The project owner shall notify the CPM that installation of permanent lighting for the project has been completed and that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Prior to the start of commercial operation of the project	4/1/2020		Not Started										SERC	GAL	
330	VIS	VIS-4e	COM/OPS	Changes to Lighting System - See VIS-4a	If the CPM notifies the project owner that modifications to the lighting system are required, within 30 days of receiving that notification, the project owner shall implement all specified changes and notify the CPM that the modified lighting system(s) is ready for inspection.	Changes to the lighting system	30 days after receiving the notification	Conditional		Not Started					(Ref Only)					SERC	GAL	
331																						

[illegible]

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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	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>												CBO Color Code:	Pre-Construction							
2	All Phases													Construction							
3	Revised 4/30/2019													Commissioning							
4	Based on Final Staff Assessment													Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
320	WASTE	WASTE-7	CONS/OPS	<b>Enforcement Action Notification</b> - Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.	Notify CPM	Within 10 days of becoming aware of an impending enforcement action.	Conditional		Conditional											
321	WASTE	WASTE-8a	COM/OPS	<b>Operation Waste Management Plan</b> - The project owner shall prepare an Operation Waste Management Plan for all wastes generated during operation of the facility and shall submit the plan to the CPM for review and approval. See Decision WASTE-8 for specifications.	The project owner shall submit the Operation Waste Management Plan to the CPM for approval.	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	4/1/2020		Not Started										SERC	DSR
322	WASTE	WASTE-8b	COM/OPS	<b>Revised OWMP</b> - 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		Not Started										SERC	DSR
323	WASTE	WASTE-8c	OPS	<b>OWMP Report in ACR</b> - See WASTE-8a	The 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		Not Started										SERC	DSR
324	WASTE	WASTE-9	CONS/OPS	<b>Unauthorized Release Response</b> - 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
325	WORKER SAFETY	WORKER SAFETY-1a	PC	<b>Construction H&amp;S Program</b> - 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 CPPP and EAP	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	1/29/2019				1/15/19	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
	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>													CBO Color Code:	Pre-Construction						
	All Phases														Construction						
	Revised 4/30/2019														Commissioning						
	Based on Final Staff Assessment														Operations						
	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
329	WORKER SAFETY	SAFETY-1b	PC	<b>Construction H&amp;S Program</b> - 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 submit 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/ OSHA Comments CFP and EAP	At least 30 days prior to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019	Completed - No letters received	N/A				1/16/19	2/4/2019					
330	WORKER SAFETY	SAFETY-2a	COM/OPS	<b>Operations H&amp;S Program</b> - 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 w/ comments of OCA	Operations and Maintenance Safety and Health Program w/ comments of OCA	At least 30 days prior to the start of first-fire or commissioning	12/29/2019		Not Started					1/16/19	2/4/2019				SERC	DSR
331	WORKER SAFETY	SAFETY-2b	COM/OPS	<b>Operations H&amp;S Program</b> - 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 OCA	At least 30 days prior to the start of first-fire or commissioning	12/29/2019		Not Started					1/16/19	2/4/2019				SERC	DSR
332	WORKER SAFETY	SAFETY-3a	PC	<b>Construction Safety Supervisor</b> - 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
333	WORKER SAFETY	SAFETY-3b	PC/CONS	<b>Replacement CSS</b> - 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		Conditional					conditional					ARB	GAL
334	WORKER SAFETY	SAFETY-3c	CONS	<b>H&amp;S Information Reported in MCR</b> - 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 Compliance Report		In Progress					Monthly					ARB	GAL
335	WORKER SAFETY	SAFETY-4	PC	<b>Agreement to Fund Safety Monitor</b> - 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
336	WORKER SAFETY	SAFETY-5a	PC	<b>Automatic External Defibrillator</b> - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-5).	Submit to the CPM proof that a portable AED is available on site	Proof of AED	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
337	WORKER SAFETY	SAFETY-5b	PC	<b>Automatic External Defibrillator</b> - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-5).	Submit to the CPM a copy of the training and maintenance program for review and approval.	Training Program	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
338	WORKER SAFETY	SAFETY-6a	PC	<b>Emergency Access Plan</b> - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the Orange County Fire Authority for review and timely comment	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019				Jacobs	GAL



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Attachment 3 – Air Quality

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

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**Subject**            **Stanton Energy Reliability Center (16-AFC-1C)**  
                         **Air Quality Monthly Compliance Report**  
                         **July 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**                July 5, 2019

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

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This Monthly Compliance Report (MCR) summarizes the activities conducted at the Stanton Energy Reliability Center (SERC) in July 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

During construction in July 2019, 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 and demolition activities. Signs have been posted at the two 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. The daily field checklists for fugitive dust control and the sweeping logs are provided in Attachment A and summarized in Table 1 below.

**Table 1. Fugitive Dust Control Measures**

AQ-SC3

Implementation Measure	Out of Compliance-Trigger	In Compliance-Trigger <sup>a</sup>	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

<sup>a</sup>Site 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 July 2019. 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 site in July 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
CASE	580 SN - Backhoe	BX3T54
Case	580 Super N Back Hoe	TP8N95
CAT	Rough Terrain Forklift	SF7A56
CAT	259D Skid Steer Loader	NG3U86
Deere	210l Skip Loader	WK9J63
Genie	Forklift - Variable Reach	KT3V94
Genie	5K Reach Fork	JW5N58
Xtreme	XR1255 Forklift	VC6G63
Xtreme	XR2045 Forklift	TF6J89

Attachment B 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 project site. Attachment B also contains the AQ-SC5 daily field checklists for off-road diesel engines and letters from the equipment owners indicating the equipment has been properly maintained.

Attachment A  
Documentation of AQ-SC3 Compliance

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: 2019.07.02 14:13:43  
+07'00'

Date: 7/1/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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:
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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: 2019.07.02 18:32:18  
+07'00'

Date: 7/2/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.07 11:54:49  
+07'00'  
 Date: 7/3/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.09 06:58:57  
+07'00'  
 Date: 7/8/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.09 17:12:24  
+07'00'  
 Date: 7/9/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.12 16:03:25  
+07'00'  
 Date: 7/10/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.12 16:11:35  
+07'00'

Date: 7/11/2019

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?	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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.12 16:05:08  
+07'00'

Date: 7/12/2019

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?	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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.15 07:57:55  
+0700  
 Date: 7/13/2019

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?	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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.16 17:35:42  
+07'00'

Date: 7/15/2019

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?	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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.16 17:36:13  
+07'00'

Date: 7/16/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.18 05:55:43  
+0700

Date: 7/17/2019

Form: SERC-CAQ-001

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Jon

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble  
Date: 2019.07.18 16:46:18  
+07'00'

Date: 190718

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	N	

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble  
Date: 2019.07.19 15:28:38  
+07'00'

Date: July 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?	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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.22 15:16:40  
+07'00'

Date: July 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?	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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.23 17:03:23  
+07'00'

Date: July 23, 2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.24 16:39:53  
+07'00'

Date: 7/24/2019

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

Form: SERC-CAQ-001

AQCMM or Delegate signature: \_\_\_\_\_

Date: \_\_\_\_\_

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble  
Date: 2019.07.26 15:26:16  
+07'00'

Date: July 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?	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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.29 15:34:18  
+07'00'

Date: 7/29/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.30 17:05:26  
+07'00'  
 Date: 7/30/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2019.07.31 17:47:10  
+07'00'  
 Date: 7/31/2019

Form: SERC-CAQ-001

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

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ADDITIONAL NOTES:

Minor track out was noticed during delivery of equipment on Parcel 2. Track out was promptly swept up in response to notification, this is in addition to the daily sweeping.

**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

Month/Year: JULY 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-1-19	1:50 pm			✓	✓	Robert Lund	
7-2-19	1:45 pm			✓	✓	Robert Lund	
7-3-19	1:30 pm	✓	✓	✓	✓	Robert Lund	
7-8-19	1:25 pm			✓	✓	Robert Lund	
7-9-19	2:00 pm			✓	✓	Robert Lund	
7-10-19	2:00 pm			✓	✓	Robert Lund	
7-11-19	1:30 pm			✓	✓	Robert Lund	
7-12-19	1:30 pm			✓	✓	Robert Lund	
7-15-19	1:50 pm			✓	✓	Robert Lund	
7-16-19	1:30 p			✓	✓	Robert Lund	
7-18-19	2:05 pm			✓	✓	Robert Lund	
7-19-19	1:35 pm			✓	✓	Robert Lund	
7-22-19	1:55 pm			✓	✓	Robert Lund	
7-23-19	2:00 pm			✓	✓	Robert Lund	
7-24-19	1:30 pm			✓	✓	Robert Lund	
7-25-19	1:40 pm			✓	✓	Robert Lund	
7-28-19	1:50 p			✓	✓	Robert Lund	

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

Sweeping Log

Month/Year: <b>JULY 2019</b>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-1-19	700				—	<i>[Signature]</i>	
7-1-19	715				—	<i>[Signature]</i>	
7-1-19	730				—	<i>[Signature]</i>	
7-1-19	745				—	<i>[Signature]</i>	
7-1-19	800				—	<i>[Signature]</i>	
7-1-19	815				—	<i>[Signature]</i>	
7-1-19	830				—	<i>[Signature]</i>	
7-1-19	845				—	<i>[Signature]</i>	
7-1-19	900				—	<i>[Signature]</i>	
7-1-19	915				—	<i>[Signature]</i>	
7-1-19	930				—	<i>[Signature]</i>	
7-1-19	945				—	<i>[Signature]</i>	
7-1-19	1000				—	<i>[Signature]</i>	
7-1-19	1015				—	<i>[Signature]</i>	
7-1-19	1030				—	<i>[Signature]</i>	
7-1-19	1045				—	<i>[Signature]</i>	
7-1-19	1100				—	<i>[Signature]</i>	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-1-19</i>	<i>1115</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>1130</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>1210</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>1230</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>1245</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>100</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>115</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>145</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>200</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>215</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>230</i>				<i>/</i>	<i>[Signature]</i>	
<i>7-1-19</i>	<i>245</i>				<i>/</i>	<i>[Signature]</i>	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-2-19	700				—	<i>[Signature]</i>	
7-2-19	715				—	<i>[Signature]</i>	
7-2-19	730				—	<i>[Signature]</i>	
7-2-19	745				—	<i>[Signature]</i>	
7-2-19	800				—	<i>[Signature]</i>	
7-2-19	815				—	<i>[Signature]</i>	
7-2-19	830				—	<i>[Signature]</i>	
7-2-19	845				—	<i>[Signature]</i>	
7-2-19	900				—	<i>[Signature]</i>	
7-2-19	915				—	<i>[Signature]</i>	
7-2-19	930				—	<i>[Signature]</i>	
7-2-19	945				—	<i>[Signature]</i>	
7-2-19	1000				—	<i>[Signature]</i>	
7-2-19	1015				—	<i>[Signature]</i>	
7-2-19	1030				—	<i>[Signature]</i>	
7-2-19	1045				—	<i>[Signature]</i>	
7-2-19	1100				—	<i>[Signature]</i>	



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

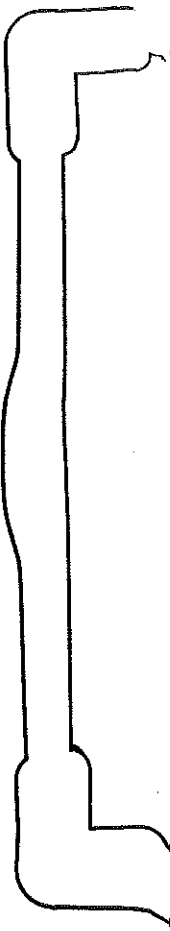
**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-3-19	700				—	<i>[Signature]</i>	
7-3-19	715				—	<i>[Signature]</i>	
7-3-19	730				—	<i>[Signature]</i>	
7-3-19	745				—	<i>[Signature]</i>	
7-3-19	800				—	<i>[Signature]</i>	
7-3-19	815				—	<i>[Signature]</i>	
7-3-19	830				—	<i>[Signature]</i>	
7-3-19	845				—	<i>[Signature]</i>	
7-3-19	900				—	<i>[Signature]</i>	
7-3-19	915				—	<i>[Signature]</i>	
7-3-19	930				—	<i>[Signature]</i>	
7-3-19	945				—	<i>[Signature]</i>	
7-3-19	1000				—	<i>[Signature]</i>	
7-3-19	1015				—	<i>[Signature]</i>	
7-3-19	1030				—	<i>[Signature]</i>	
7-3-19	1045				—	<i>[Signature]</i>	
7-3-19	1100				—	<i>[Signature]</i>	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-3-19</i>	<i>1115</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1130</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1210</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1230</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1245</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>100</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>115</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>130</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>145</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>200</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>215</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>JULY 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-8-19	700				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	715				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	730				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	745				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	800				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	815				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	830				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	845				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	900				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	915				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	930				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	945				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	1000				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	1015				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	1030				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	1045				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-8-19	1100				<input checked="" type="checkbox"/>	<i>[Signature]</i>	

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

## Sweeping Log

Month/Year: July 2019		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-8-19	1115						
7-8-19	1130						
7-8-19	1210						
7-8-19	1230						
7-8-19	1245						
7-8-19	1000						
7-8-19	115						
7-8-19	130						
7-8-19	145						
7-8-19	200						
7-8-19	215						
7-8-19	230						
7-8-19	245						

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-9-19	700				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	715				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	730				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	745				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	800				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	815				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	830				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	845				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	900				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	915				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	930				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	945				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	1000				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	1015				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	1030				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	1045				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-9-19	1100				<input checked="" type="checkbox"/>	<i>[Signature]</i>	



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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-10-19	700				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	715				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	730				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	745				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	800				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	815				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	830				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	845				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	900				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	915				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	930				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	945				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1000				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1015				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1030				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1045				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1100				<input checked="" type="checkbox"/>	<i>[Signature]</i>	



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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-11-19	700				—	<i>[Signature]</i>	
7-11-19	715				—	<i>[Signature]</i>	
7-11-19	730				—	<i>[Signature]</i>	
7-11-19	745				—	<i>[Signature]</i>	
7-11-19	800				—	<i>[Signature]</i>	
7-11-19	815				—	<i>[Signature]</i>	
7-11-19	830				—	<i>[Signature]</i>	
7-11-19	845				—	<i>[Signature]</i>	
7-11-19	900				—	<i>[Signature]</i>	
7-11-19	915				—	<i>[Signature]</i>	
7-11-19	930				—	<i>[Signature]</i>	
7-11-19	945				—	<i>[Signature]</i>	
7-11-19	1000				—	<i>[Signature]</i>	
7-11-19	1015				—	<i>[Signature]</i>	
7-11-19	1030				—	<i>[Signature]</i>	
7-11-19	1045				—	<i>[Signature]</i>	
7-11-19	1100				—	<i>[Signature]</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**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-12-19	700				—	<i>Juan Murillo</i>	
7-12-19	715				—	<i>Juan Murillo</i>	
7-12-19	730				—	<i>Juan Murillo</i>	
7-12-19	745				—	<i>Juan Murillo</i>	
7-12-19	800				—	<i>Juan Murillo</i>	
7-12-19	815				—	<i>Juan Murillo</i>	
7-12-19	830				—	<i>Juan Murillo</i>	
7-12-19	845				—	<i>Juan Murillo</i>	
7-12-19	900				—	<i>Juan Murillo</i>	
7-12-19	915				—	<i>Juan Murillo</i>	
7-12-19	930				—	<i>Juan Murillo</i>	
7-12-19	945				—	<i>Juan Murillo</i>	
7-12-19	1000				—	<i>Juan Murillo</i>	
7-12-19	1015				—	<i>Juan Murillo</i>	
7-12-19	1030				—	<i>Juan Murillo</i>	
7-12-19	1045				—	<i>Juan Murillo</i>	
7-12-19	1100				—	<i>Juan Murillo</i>	

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

**Sweeping Log**

Month/Year:		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-12-19	1115				—	Juan Murillo	
7-12-19	1130				—	Juan Murillo	
7-12-19	1210				—	Juan Murillo	
7-12-19	1230				—	Juan Murillo	
7-12-19	1245				—	Juan M	
7-12-19	100				—	Juan M	
7-12-19	115				—	Juan M	
7-12-19	130				—	Juan M	
7-12-19	145				—	Juan M	
7-12-19	200				—	Juan Murillo	
7-12-19	215				—	Juan M	
7-12-19	230				—	Juan M	
7-12-19	245				—	Juan M	

## 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

Month/Year:		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-15-19	7:00 am				✓	Juan M	
7-15-19	7:15 am				✓	Juan M	
7-15-19	7:30 am				✓	Juan M	
7-15-19	7:45 am				✓	Juan M	
7-15-19	8:00 am				✓	Juan M	
7-15-19	8:15 am				✓	Juan M	
7-15-19	8:30 am				✓	Juan M	
7-15-19	8:45 am				✓	Juan M	
7-15-19	9:00 am				✓	Juan M	
7-15-19	9:15 am				✓	Juan M	
7-15-19	9:30 am				✓	Juan M	
7-15-19	9:45				✓	Juan M	
7-15-19	10:00				✓	Juan M	
7-15-19	10:15				✓	Juan M	
7-15-19	10:30				✓	Juan M	
7-15-19	10:40				✓	Juan M	
7-15-19	11:00				✓	Juan M	
7-15-19-11:15						Juan M	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-16-19	700				—	<i>[Signature]</i>	
7-16-19	715				—	<i>[Signature]</i>	
7-16-19	730				—	<i>[Signature]</i>	
7-16-19	745				—	<i>[Signature]</i>	
7-16-19	800				—	<i>[Signature]</i>	
7-16-19	815				—	<i>[Signature]</i>	
7-16-19	830				—	<i>[Signature]</i>	
7-16-19	845				—	<i>[Signature]</i>	
7-16-19	900				—	<i>[Signature]</i>	
7-16-19	915				—	<i>[Signature]</i>	
7-16-19	930				—	<i>[Signature]</i>	
7-16-19	945				—	<i>[Signature]</i>	
7-16-19	1000				—	<i>[Signature]</i>	
7-16-19	1015				—	<i>[Signature]</i>	
7-16-19	1030				—	<i>[Signature]</i>	
7-16-19	1045				—	<i>[Signature]</i>	
7-16-19	1100				—	<i>[Signature]</i>	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-16-19	1115					<i>[Signature]</i>	
7-16-19	1130					<i>[Signature]</i>	
7-16-19	1210					<i>[Signature]</i>	
7-16-19	1230					<i>[Signature]</i>	
7-16-19	1245					<i>[Signature]</i>	
7-16-19	1005					<i>[Signature]</i>	
7-16-19	1115					<i>[Signature]</i>	
7-16-19	1130					<i>[Signature]</i>	
7-16-19	1415					<i>[Signature]</i>	
7-16-19	2005					<i>[Signature]</i>	
7-16-19	2115					<i>[Signature]</i>	
7-16-19	230					<i>[Signature]</i>	
7-16-19	2415					<i>[Signature]</i>	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-17-19	700				—	<i>[Signature]</i>	
7-17-19	715				—	<i>[Signature]</i>	
7-17-19	730				—	<i>[Signature]</i>	
7-17-19	745				—	<i>[Signature]</i>	
7-17-19	800				—	<i>[Signature]</i>	
7-17-19	815				—	<i>[Signature]</i>	
7-17-19	830				—	<i>[Signature]</i>	
7-17-19	845				—	<i>[Signature]</i>	
7-17-19	900				—	<i>[Signature]</i>	
7-17-19	915				—	<i>[Signature]</i>	
7-17-19	930				—	<i>[Signature]</i>	
7-17-19	945				—	<i>[Signature]</i>	
7-17-19	1000				—	<i>[Signature]</i>	
7-17-19	1015				—	<i>[Signature]</i>	
7-17-19	1030				—	<i>[Signature]</i>	
7-17-19	1045				—	<i>[Signature]</i>	
7-17-19	1100				—	<i>[Signature]</i>	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-17-19	1115				—	<i>[Signature]</i>	
7-17-19	1130				—	<i>[Signature]</i>	
7-17-19	1210				—	<i>[Signature]</i>	
7-17-19	1230				—	<i>[Signature]</i>	
7-17-19	1245				—	<i>[Signature]</i>	
7-17-19	100				—	<i>[Signature]</i>	
7-17-19	115				—	<i>[Signature]</i>	
7-17-19	130				—	<i>[Signature]</i>	
7-17-19	145				—	<i>[Signature]</i>	
7-19-19	200				—	<i>[Signature]</i>	
7-19-19	215				—	<i>[Signature]</i>	
7-17-19	230				—	<i>[Signature]</i>	
7-17-19	245				—	<i>[Signature]</i>	
7-17-19	300				—	<i>[Signature]</i>	
7-17-19	315				—	<i>[Signature]</i>	
7-17-19	330				—	<i>[Signature]</i>	
7-17-19	345				—	<i>[Signature]</i>	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-18-19	700				—	<i>[Signature]</i>	
7-18-19	715				—	<i>[Signature]</i>	
7-18-19	730				—	<i>[Signature]</i>	
7-18-19	745				—	<i>[Signature]</i>	
7-18-19	800				—	<i>[Signature]</i>	
7-18-19	815				—	<i>[Signature]</i>	
7-18-19	830				—	<i>[Signature]</i>	
7-18-19	845				—	<i>[Signature]</i>	
7-18-19	900				—	<i>[Signature]</i>	
7-18-19	915				—	<i>[Signature]</i>	
7-18-19	930				—	<i>[Signature]</i>	
7-18-19	945				—	<i>[Signature]</i>	
7-18-19	1000				—	<i>[Signature]</i>	
7-18-19	1015				—	<i>[Signature]</i>	
7-18-19	1030				—	<i>[Signature]</i>	
7-18-19	1045				—	<i>[Signature]</i>	
7-18-19	1100				—	<i>[Signature]</i>	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-18-19</i>	<i>1115</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>1130</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>1210</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>1230</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>1245</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>1005</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>115</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>130</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>145</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>200</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>215</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>230</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-18-19</i>	<i>245</i>				<i>---</i>	<i>[Signature]</i>	

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

**Sweeping Log**

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



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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-22-19	700				—	<i>[Signature]</i>	
7-22-19	715				—	<i>[Signature]</i>	
7-22-19	730				—	<i>[Signature]</i>	
7-22-19	745				—	<i>[Signature]</i>	
7-22-19	800				—	<i>[Signature]</i>	
7-22-19	815				—	<i>[Signature]</i>	
7-22-19	830				—	<i>[Signature]</i>	
7-22-19	845				—	<i>[Signature]</i>	
7-22-19	900				—	<i>[Signature]</i>	
7-22-19	915				—	<i>[Signature]</i>	
7-22-19	930				—	<i>[Signature]</i>	
7-22-19	945				—	<i>[Signature]</i>	
7-22-19	1000				—	<i>[Signature]</i>	
7-22-19	1015				—	<i>[Signature]</i>	
7-22-19	1030				—	<i>[Signature]</i>	
7-22-19	1045				—	<i>[Signature]</i>	
7-22-19	1100				—	<i>[Signature]</i>	



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

**Sweeping Log**

Month/Year: July 2019		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-23-19	700				_____	<i>[Signature]</i>	
7-23-19	715				_____	<i>[Signature]</i>	
7-23-19	730				_____	<i>[Signature]</i>	
7-23-19	745				_____	<i>[Signature]</i>	
7-23-19	800				_____	<i>[Signature]</i>	
7-23-19	815				_____	<i>[Signature]</i>	
7-23-19	830				_____	<i>[Signature]</i>	
7-23-19	845				_____	<i>[Signature]</i>	
7-23-19	900				_____	<i>[Signature]</i>	
7-23-19	915				_____	<i>[Signature]</i>	
7-23-19	930				_____	<i>[Signature]</i>	
7-23-19	945				_____	<i>[Signature]</i>	
7-23-19	1000				_____	<i>[Signature]</i>	
7-23-19	1015				_____	<i>[Signature]</i>	
7-23-19	1030				_____	<i>[Signature]</i>	
7-23-19	1045				_____	<i>[Signature]</i>	
7-23-19	1100				_____	<i>[Signature]</i>	



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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-24-19	700				—	<i>[Signature]</i>	
7-24-19	715				—	<i>[Signature]</i>	
7-24-19	730				—	<i>[Signature]</i>	
7-24-19	745				—	<i>[Signature]</i>	
7-24-19	800				—	<i>[Signature]</i>	
7-24-19	815				—	<i>[Signature]</i>	
7-24-19	830				—	<i>[Signature]</i>	
7-24-19	845				—	<i>[Signature]</i>	
7-24-19	900				—	<i>[Signature]</i>	
7-24-19	915				—	<i>[Signature]</i>	
7-24-19	930				—	<i>[Signature]</i>	
7-24-19	945				—	<i>[Signature]</i>	
7-24-19	1000				—	<i>[Signature]</i>	
7-24-19	1015				—	<i>[Signature]</i>	
7-24-19	1030				—	<i>[Signature]</i>	
7-24-19	1045				—	<i>[Signature]</i>	
7-24-19	1100				—	<i>[Signature]</i>	



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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-25-19	700				—	<i>[Signature]</i>	
7-25-19	715				—	<i>[Signature]</i>	
7-25-19	730				—	<i>[Signature]</i>	
7-25-19	745				—	<i>[Signature]</i>	
7-25-19	800				—	<i>[Signature]</i>	
7-25-19	815				—	<i>[Signature]</i>	
7-25-19	830				—	<i>[Signature]</i>	
7-25-19	845				—	<i>[Signature]</i>	
7-25-19	900				—	<i>[Signature]</i>	
7-25-19	915				—	<i>[Signature]</i>	
7-25-19	930				—	<i>[Signature]</i>	
7-25-19	945				—	<i>[Signature]</i>	
7-25-19	1000				—	<i>[Signature]</i>	
7-25-19	1015				—	<i>[Signature]</i>	
7-25-19	1030				—	<i>[Signature]</i>	
7-25-19	1045				—	<i>[Signature]</i>	
7-25-19	1100				—	<i>[Signature]</i>	

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

## Sweeping Log

Month/Year:		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
July 2019							
7-25-19	1115				—	[Signature]	
7-25-19	1130				—	[Signature]	
7-25-19	1210				—	[Signature]	
7-25-19	1230				—	[Signature]	
7-25-19	1245				—	[Signature]	
7-25-19	1045				—	[Signature]	
7-25-19	115				—	[Signature]	
7-25-19	130				—	[Signature]	
7-25-19	145				—	[Signature]	
7-25-19	200				—	[Signature]	
7-25-19	215				—	[Signature]	
7-25-19	230				—	[Signature]	
7-25-19	245				—	[Signature]	

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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-29-19	700					<i>[Signature]</i>	
7-29-19	715					<i>[Signature]</i>	
7-29-19	730					<i>[Signature]</i>	
7-29-19	745					<i>[Signature]</i>	
7-29-19	800					<i>[Signature]</i>	
7-29-19	815					<i>[Signature]</i>	
7-29-19	830					<i>[Signature]</i>	
7-29-19	845					<i>[Signature]</i>	
7-29-19	900					<i>[Signature]</i>	
7-29-19	915					<i>[Signature]</i>	
7-29-19	930					<i>[Signature]</i>	
7-29-19	945					<i>[Signature]</i>	
7-29-19	1000					<i>[Signature]</i>	
7-29-19	1015					<i>[Signature]</i>	
7-29-19	1030					<i>[Signature]</i>	
7-29-19	1045					<i>[Signature]</i>	
7-29-19	1100					<i>[Signature]</i>	



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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-30-19	700				—	<i>[Signature]</i>	
7-30-19	715				—	<i>[Signature]</i>	
7-30-19	730				—	<i>[Signature]</i>	
7-30-19	745				—	<i>[Signature]</i>	
7-30-19	800				—	<i>[Signature]</i>	
7-30-19	815				—	<i>[Signature]</i>	
7-30-19	830				—	<i>[Signature]</i>	
7-30-19	845				—	<i>[Signature]</i>	
7-30-19	900				—	<i>[Signature]</i>	
7-30-19	915				—	<i>[Signature]</i>	
7-30-19	930				—	<i>[Signature]</i>	
7-30-19	945				—	<i>[Signature]</i>	
7-30-19	1000				—	<i>[Signature]</i>	
7-30-19	1015				—	<i>[Signature]</i>	
7-30-19	1030				—	<i>[Signature]</i>	
7-30-19	1045				—	<i>[Signature]</i>	
7-30-19	1100				—	<i>[Signature]</i>	



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

**Sweeping Log**

Month/Year: <i>July 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-31-19	700				—	<i>[Signature]</i>	
7-31-19	715				—	<i>[Signature]</i>	
7-31-19	730				—	<i>[Signature]</i>	
7-31-19	745				—	<i>[Signature]</i>	
7-31-19	800				—	<i>[Signature]</i>	
7-31-19	815				—	<i>[Signature]</i>	
7-31-19	830				—	<i>[Signature]</i>	
7-31-19	845				—	<i>[Signature]</i>	
7-31-19	900				—	<i>[Signature]</i>	
7-31-19	915				—	<i>[Signature]</i>	
7-31-19	930				—	<i>[Signature]</i>	
7-31-19	945				—	<i>[Signature]</i>	
7-31-19	1000				—	<i>[Signature]</i>	
7-31-19	1015				—	<i>[Signature]</i>	
7-31-19	1030				—	<i>[Signature]</i>	
7-31-19	1045				—	<i>[Signature]</i>	
7-31-19	1100				—	<i>[Signature]</i>	



## Appendix B Documentation of AQ-SC5 Compliance

SERC Offroad Diesel Equipment Inventory July 2019

				Equipment						Engine											
Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier	Engine Certification on File	Compliance Tag	Notes	
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR125S Forklift	2016	XR1255031693102	ARB	N/A	FPT Industrial S.P.A	FFPXK03.4FSD	854E-E34TA	3.4	2015	JU82679-L025417	122	T4	u-r-015-0283	Green tag issued 02/04/2019	EO not available. Tier 4 verified based in engine specs.	
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		
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJ6N585NLECT05659	D+S BACKHOE SERVICE	N/A	FPT INDUSTRIAL	FFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4	u-r-015-0283	Green tag issued 02/19/2019		
2/20/2019	4/25/2019	UG9N98	SERC_005	CAT	Cat 966M wheel loader	2014	KJP000570	Ortiz	Ortiz	CAT	ECPYL09.3HTF	C9.3	9.3	2014	SYE01292	303	4F	u-r-001-0479	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-	
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		
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	6U21	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	will only be on site for a few days while SERC ID: SERC_012 is offsite for repairs	
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB\$.5	4.5	2014	73617640	130	4I	u-r-002-0586	Green Tag issued on 3/22/2019		
3/21/2019	onsite	KT3V94	SERC_015	Genie	Forklift - Variable 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 removed on 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	B59V43	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	Onsite	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	Onsite	TF6J89	SERC_025	Extreme Manufacturing	XR204S Forklift	2018	XR2045-11-17119380	Ellis	ARB	Deutz AG	HDZXL03.6050	TCD3.6L4	3.621	2017	12076911	134	4	u-r-013-0536	Green tag issued 7/16/2019		
7/22/2019	7/26/2019	TP8N95	SERC_026	Case	580 Super N Back Hoe	2014	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.	



August 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 *AQCMP Equipment Log* for ARB equipment currently on-site.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Rente
2/4/2019	Onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	ARB
3/22/2019	Onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB
5/22/2019	Onsite	NG3U86	SERC_023	CAT	259D Skid Steer Loader	2018	FTL14586	ARB	ARB
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	ARB
7/9/2019	Onsite	TF6J89	SERC_025	Extreme	XR 2045 RT	2018	XR2045-11-17119380	Ellis	ARB
7/22/2019	7/26/2019	TP8N95	SERC_026	Case	580 Super N Backhoe	2014	JJGN58SNKEC705265	Tom's	ARB

Respectfully,

Steven Fischer  
ARB, Inc.  
Project Manager

Bill Petty's Backhoe Service, Inc.  
13203 Barlin Ave.  
Downey, CA 90242  
[amysback@ca.rr.com](mailto:amysback@ca.rr.com)  
562-630-3162  
Fax: 562-630-7341

August 2, 2019

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

Attn: Nick Tasich

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

Subject: Equipment Maintenance  
Month: July 2019

Dear Mr. Tasich,

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

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

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

Respectfully submitted,

A handwritten signature in cursive script that reads "Patricia Petty".

Patricia Petty  
President

<u>Date Move on</u>	<u>Date Move off</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Mfr</u>	<u>Model/ Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN-Backhoe	2014	JJ8N585NLECT05659	D&S BACKHOE SERVICE
<u>Renter</u>	<u>Mfr</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Diesel (hp)</u>	<u>Tier</u>
Bill's Backhoe	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4
<u>Engine Certification on File</u>	<u>Compliance Tag</u>	<u>Notes</u>						
u-r-015-0283	Green tag issued 02/19/2019							



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 JULY 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
GENIE VARIABLE REACH FORKLIFT	YX4L43	10149180

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager

## Attachment 4 –Biological Resources

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

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

**To:**            Tim Bofman, SERC, LLC

**From:**        Ava Edens, Jacobs  
                  SERC CEC Designated Biologist

**Date:**        August 5, 2019

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

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## **1. Introduction**

This July 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from July 1 through July 31, 2019 at the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. 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 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 July 2019 reporting period. Construction started on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

Biological monitoring was conducted daily and nest surveys were performed for the additional laydown yards owned by Southern California Edison. The Nest Survey Reports are provided in Appendix A. Daily Biological Resources Compliance Monitoring Logs are provided in Appendix B. A list of wildlife species observed during the monitoring events is included in Appendix C.

## 2.1 Activities Monitored

SERC construction activities from July 1 through July 31, 2019 included site excavation, foundations, construction of bridges (pedestrian and utility) across Stanton Storm Channel, sump/storage pit construction, and laydown yard preparation and use. These construction activities included excavation, trenching, and pouring concrete.

## 2.2 Nesting Birds

No new protected active nests were observed during the July 2019 reporting period. Nest surveys were performed within the laydown yards owned by Southern California Edison and within 500 feet of the laydown areas on July 2, 2019 and July 8, 2019. The Nest Survey Reports are provided in Appendix A.

Two active nests were observed in June 2019 and were still active during the July 2019 reporting period. One active nest was within the SERC site and one active nest was off-site at the additional project parking area at the Bethel Romanian Pentecostal Apostolic Church. The following is a summary of bird nests protected under the Migratory Bird Treaty Act that were active during the July 2019 reporting period within the SERC survey area:

- An active lesser goldfinch (*Spinus psaltria*) nest was identified on June 4, 2019 at the off-site SERC leased parking area at the north end of the Bethel Romanian Pentecostal Apostolic Church. The nest is located at approximately 33.8057306 latitude and -117.9847750 longitude. The nest is in an ash tree approximately 15 feet above the ground. This nest was determined to be inactive on July 3, 2019, after the young successfully fledged.
- An active mourning dove (*Zenaida macroura*) nest was identified on June 11, 2019 on the western SERC parcel. The nest location is at approximately 33.8066536 latitude and -117.9878214 longitude. The nest is on a ladder in an equipment storage area. A 25-foot no-disturbance buffer zone was established around the nest (as accessible) with flagging and signage. This nest was determined to be inactive on July 1, 2019.

Nesting behaviors observed during monitoring at the SERC site are described in further detail in the Biological Resources Compliance Monitoring Logs, which are provided in Appendix B.

## 2.3 Special-Status Species

No special status species were observed in the project vicinity or on the project site during July 2019. A list of wildlife species observed during nest surveys and monitoring in July 2019 is included in Appendix C.

## 2.4 Wildlife Injuries and Mortalities

No injured wildlife species were observed within the SERC boundary or survey area; however, a deceased domestic cat (*Felis catus*) was identified on July 2, 2019 within the new western laydown yard. In addition, a Botta's pocket gopher (*Thomomys bottae*) was relocated during the road bed construction on the new eastern laydown yard on July 16, 2019. The gopher was unharmed and relocated.

Wildlife Observations Forms for wildlife observed during the July 2019 reporting period are provided in Appendix D.

## 2.5 Hazardous Material Spills

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

## 2.6 Non-Compliance Report

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

### **3. WEAP Training**

All on-site staff received WEAP training prior to starting work on site. A total of 30 persons completed the SERC WEAP training in July 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix E.



## Appendix A Nest Survey Reports

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

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**Subject**            **Stanton Energy Reliability Center (16-AFC-1) Nest Survey  
(BIO-8) Report**

**Project Name**     Stanton Energy Reliability Center (SERC)

**Attention**        John Heiser, CPM  
                      Andrew Valand, CDFW  
                      Christine Medak, USFWS

**From**             Ava Edens, Jacobs  
                      SERC CEC Designated Biologist

**Date**             July 8, 2019

**Copies to**        Tim Bofman, Wellhead Inc.  
                      Greg Lamberg, SERC, LLC  
                      Doug Davy, Jacobs  
                      Karen Parker, Jacobs  
                      Ken Levenstein, Jacobs

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## **1.        Introduction**

This memorandum documents the findings of a nest survey of the Stanton Energy Reliability Center (SERC, the Project) laydown yards for the Eastern and Western Parcels. The proposed laydown yards are on land owned by Southern California Edison (SCE) and are located immediately north of, and adjacent to, the SERC Eastern Parcel (Parcel 1) at 10801 Dale Avenue, Stanton, Orange County, California and the eastern third of the SERC Western Parcel (Parcel 2) at 8230 Pacific Street, Stanton, Orange County, California. Figure 1 in Attachment A shows the new laydown area and the SERC project site. The nest survey and this report are provided in compliance with the California Energy Commission (CEC) Condition of Certification BIO-8, Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds.

## **2.        Methods**

A nest survey was completed by Dr. Ken Levenstein, a senior biologist (specializing in avian ecology) with Jacobs and approved biological monitor for SERC. The nest survey was conducted on July 2, 2019 between 5:57 am and 8:02 am. Weather conditions were mostly sunny with temperatures around 64°F and light winds (2- 6 mph SW). Pedestrian surveys were completed for the laydown areas and publicly-accessible areas within 500 feet of the laydown areas. Meandering transects were walked with specific attention focused on trees, shrubs, and structures that could serve as a suitable substrate for nesting birds. Habitat areas not publicly accessible were surveyed with binoculars (Leica 10 x 42).

### 3. Results

No active avian nests were observed within the laydown yards. In addition, no special status species were observed within the laydown yards or within 500 feet of the laydown yards. The desiccated partial remains of a domestic cat were encountered on the western laydown yard and a separate Wildlife Observation Report will be submitted for the monitoring of the SERC project.

One active avian nest is known to occur within 500 feet of the laydown yards. The active nest belongs to a lesser goldfinch (*Spinus psaltria*) pair with young. The nest was identified on June 4, 2019 at the off-site SERC leased parking area at the north end of the Bethel Romanian Pentecostal Apostolic Church. The nest is located at approximately 33.8057306 latitude and -117.9847750 longitude. The nest is in an ash tree approximately 15 feet above the ground. This nest was previously reported by the SERC project and was still considered active at the time of this nest survey.

Bird species observed during the survey are listed in Table 1. Descriptions of the survey locations are provided below. Photographs of the laydown yards taken during the survey are included in Attachment A.

#### Laydown Yards

The proposed eastern laydown yard is a fenced and gated vacant lot that serves as a right-of-way for high voltage transmission lines that run overhead east to west, originating at the Barre Substation directly across Dale Avenue. The proposed western laydown yard is directly across (and west of) the Stanton Storm Channel from the proposed eastern laydown yard. Two transmission line towers are located on the proposed western laydown yard.

#### 500-Foot Buffer

The search area contained very few trees large enough to serve as suitable substrate for a raptor nest. However, there are several types of power poles and transmission line towers within the search area that could support a raptor nest. No nests were observed, and no raptors were observed.

Table 1. Avian Species Observed During the July 2, 2019 Nest Survey for proposed SERC laydown yards		
Common Name	Scientific Name	Notes
Eurasian collared dove	<i>Streptopelia decaocto</i>	Observed perched within and flying over the 500-foot buffer.
Mourning dove	<i>Zenaida macroura</i>	Observed perched within and flying over the 500-foot buffer.
Rock pigeon	<i>Columba livia</i>	Observed perched within and flying over the 500-foot buffer.
Black phoebe	<i>Sayornis nigricans</i>	Observed perched and flying within the 500-foot buffer.
Common raven	<i>Corvus corax</i>	Observed flying over the 500-foot buffer.
Northern mockingbird	<i>Mimus polyglottos</i>	Observed perched within and flying over the 500-foot buffer.
European starling	<i>Sturnus vulgaris</i>	Observed perched and flying within the 500-foot buffer.
House finch	<i>Haemorhous mexicanus</i>	Observed perched and flying within the 500-foot buffer.
House sparrow	<i>Passer domesticus</i>	Observed perched and flying within the 500-foot buffer.



## Attachment A Survey Figures



0 150 300  
Feet

- SERC Project Site
- Proposed SERC Laydown Yard
- Proposed SoCalGas Laydown Yard
- Access Lane
- Setbacks around Transmission Towers

Notes:  
Aerial Imagery - 2017

**Figure 1**  
Proposed Construction Laydown Area  
Stanton Energy Reliability Center  
Stanton, CA

## Attachment B Survey Photos

Photo 1



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View west-northwest of Eastern Laydown Yard from southeast corner of the yard.
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Photo 2



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View of Botta's pocket gopher burrow entrance. The species is abundant in the area.
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**Photo 3**



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View north from northern edge of the Eastern Laydown Yard at an old bird's nest that was likely later used by a rodent species.
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**Photo 4**



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	Another view of the old nest shown in previous photo (see Photo 3).
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Photo 5



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View of another old bird's nest along the northern edge of the Eastern Laydown Yard.
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Photo 6



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	Another view of the old bird's nest shown in previous photo (see Photo 5).
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**Photo 7**



<b>Location</b>	SERC – Western Laydown	<b>Description</b>	View northeast of Western Laydown Yard from southwest corner of parcel.
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**Photo 8**



<b>Location</b>	SERC – Western Laydown	<b>Description</b>	View northeast from northeast portion of Western Laydown Yard at shrubbery just outside the Parcel fence. An old nest shown in the following photos was encountered here.
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**Photo 9**

<b>Location</b>	SERC – Western Laydown	<b>Description</b>	View of an old bird's nest in a shrub just outside the Western Laydown Yard's northern perimeter fence.
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**Photo 10**

<b>Location</b>	SERC – Western Laydown	<b>Description</b>	Another view (see Photo 9) of an old bird's nest in a shrub just outside the Western Laydown Yard's northern perimeter fence
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**Subject**            **Stanton Energy Reliability Center (16-AFC-1) Nest Survey  
(BIO-8) Report**

**Project Name**     Stanton Energy Reliability Center (SERC)

**Attention**        John Heiser, CPM  
                      Andrew Valand, CDFW  
                      Christine Medak, USFWS

**From**             Ava Edens, Jacobs  
                      SERC CEC Designated Biologist

**Date**             July 9, 2019

**Copies to**        Tim Bofman, Wellhead Inc.  
                      Greg Lamberg, SERC, LLC  
                      Doug Davy, Jacobs  
                      Karen Parker, Jacobs  
                      Ken Levenstein, Jacobs

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## **1.        Introduction**

This memorandum documents the findings of a nest survey of the Stanton Energy Reliability Center (SERC, the Project) laydown yards for the Eastern and Western Parcels. The proposed laydown yards are on land owned by Southern California Edison (SCE) and are located immediately north of, and adjacent to, the SERC Eastern Parcel (Parcel 1) at 10801 Dale Avenue, Stanton, Orange County, California and the eastern third of the SERC Western Parcel (Parcel 2) at 8230 Pacific Street, Stanton, Orange County, California. Figure 1 in Attachment A shows the new laydown area and the SERC project site. This was the second avian nest survey conducted for the laydown yards and 500-foot buffer. The first was conducted on July 2, 2019 and a separate report detailing the methods and results of that survey was submitted to the California Energy Commission (CEC). In addition, a biological reconnaissance survey was conducted for the laydown yards and 150-foot buffer on May 8, 2019. The survey included a search for avian nests and a report detailing the methods and results of that survey was submitted to the CEC. The nest surveys and reports are provided in compliance with the CEC Condition of Certification BIO-8, Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds.

## **2.        Methods**

A nest survey was completed by Dr. Ken Levenstein, a senior biologist (specializing in avian ecology) with Jacobs and approved biological monitor for SERC. The nest survey was conducted on July 8, 2019 between 6:03 am and 8:04 am. Weather conditions were cloudy with temperatures around 63°F and light winds (2 - 4 mph S). Pedestrian surveys were completed for the laydown areas and publicly-accessible

areas within 500 feet of the laydown areas. Meandering transects were walked with specific attention focused on trees, shrubs, and structures that could serve as a suitable substrate for nesting birds. Habitat areas not publicly accessible were surveyed with binoculars (Leica 10 x 42).

### 3. Results

One active avian nest was observed within the laydown yards. A Eurasian collared dove nest was observed in the northwest transmission line tower on the lowest southeast insulator crossarm junction at an elevation of approximately 60 - 70 feet above ground level (AGL). The nest is located at approximately 33.8071908 latitude and -117.9875864 longitude. This nest was first detected on May 29, at which time an adult was observed "sitting tight," and presumed to be incubating. On June 27, no activity was observed at the nest and it was presumed to have failed as the adults had not been observed yet feeding young. During the avian nest survey on July 8, an adult was again observed sitting on the nest. The pair may be renesting. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). No special status species were observed within the laydown yards or within 500 feet of the laydown yards.

A previously active lesser goldfinch (*Spinus psaltria*) nest located off-site, but within the 500 foot buffer, is now inactive and the young have fledged. The nest was located in an ash tree approximately 15 feet AGL on the SERC leased parking area at the north end of the Bethel Romanian Pentecostal Apostolic Church. The adults were last observed feeding young in a tree adjacent to the nest tree on July 2.

Bird species observed during the survey are listed in Table 1. Descriptions of the survey locations are provided below. Photographs of the laydown yards taken during the survey are included in Attachment A.

#### Laydown Yards

The proposed eastern laydown yard is a fenced and gated vacant lot that serves as a right-of-way for high voltage transmission lines that run overhead east to west, originating at the Barre Substation directly across Dale Avenue. The proposed western laydown yard is directly across (and west of) the Stanton Storm Channel from the proposed eastern laydown yard. Two transmission line towers are located on the proposed western laydown yard.

#### 500-Foot Buffer

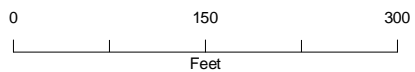
The search area contained very few trees large enough to serve as suitable substrate for a raptor nest. However, there are several types of power poles and transmission line towers within the search area that could support a raptor nest. No nests were observed, and no raptors were observed.

**Table 1. Avian Species Observed During the July 8, 2019 Nest Survey for proposed SERC laydown yards**

Common Name	Scientific Name	Notes
Killdeer	<i>Charadrius vociferus</i>	Observed along Stanton Storm Channel
Eurasian collared dove	<i>Streptopelia decaocto</i>	Observed sitting on nest, perched within, and flying over the 500-foot buffer.
Mourning dove	<i>Zenaida macroura</i>	Observed perched within and flying over the 500-foot buffer.
Rock pigeon	<i>Columba livia</i>	Observed perched within and flying over the 500-foot buffer.
Black phoebe	<i>Sayornis nigricans</i>	Observed perched and flying within the 500-foot buffer.
Northern mockingbird	<i>Mimus polyglottos</i>	Observed perched within and flying over the 500-foot buffer.
European starling	<i>Sturnus vulgaris</i>	Observed perched and flying within the 500-foot buffer.
House finch	<i>Haemorhous mexicanus</i>	Observed perched and flying within the 500-foot buffer.
House sparrow	<i>Passer domesticus</i>	Observed perched and flying within the 500-foot buffer.



## Attachment A Survey Figures



- SERC Project Site
- Proposed SERC Laydown Yard
- Proposed SoCalGas Laydown Yard
- Access Lane
- Setbacks around Transmission Towers

Notes:  
Aerial Imagery - 2017

**Figure 1**  
Proposed Construction Laydown Area  
Stanton Energy Reliability Center  
Stanton, CA

## Attachment B Survey Photos

Photo 1



Location	SERC – Eastern Laydown	Description	View northeast of eastern laydown yard from southwest corner of the parcel.
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Photo 2



Location	SERC – Eastern Laydown	Description	View north from northern edge of the eastern laydown yard at a tree stump containing an old bird's nest.
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**Photo 3**



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	Closer view of an old bird's nest in tree stump shown in previous photo (see Photo 2).
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**Photo 4**



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View north from northern edge of the eastern laydown yard at a tree stump containing an old bird's nest that was likely later used by a rodent species.
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Photo 5



Location	SERC – Eastern Laydown	Description	Closer view of an old bird's nest (see Photo 4) that was likely later used by a rodent species.
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Photo 6



Location	SERC – Western Laydown	Description	View west-southwest of western laydown yard from northeast corner of parcel.
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**Photo 7**



<b>Location</b>	SERC – Western Laydown	<b>Description</b>	View north from northeast portion of western laydown yard at shrubbery just outside the Parcel fence. An old nest shown in the following photo was encountered here.
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**Photo 8**



<b>Location</b>	SERC – Western Laydown	<b>Description</b>	Closer view (see Photo 7) of an old bird's nest in a shrub just outside the western laydown yard's northern perimeter fence
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Photo 9



<b>Location</b>	SERC – Western Laydown	<b>Description</b>	View southwest from northern portion of western laydown yard at transmission line tower containing Eurasian collared dove nest. Location of nest circled in red.
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## Appendix B

# Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 1, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62 – 81	0 – 10 SW	0.0 in	Good	Sunny
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; forms construction, trenching for water pipe installation, reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline slurry pour, ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (<i>Spinus psaltria</i>) pair for signs of disturbance.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>Mourning dove nest on the Western Parcel was depredated.</li> <li>Lesser Goldfinches that nested in Church parking lot currently feeding fledglings in an adjacent Magnolia. No signs of disturbance.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>The mourning dove nest on the Western Parcel was found to be empty on Monday morning, 7/1, and a small cluster of feathers was found close by. One of the feathers was an adult primary flight feather. It is likely that one of the adults, along with the eggs or young, was depredated while an adult was tending the nest.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove, rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling, lesser goldfinch, house finch (<i>Haemorrhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				
<b>Photo 1</b>				



Location	SERC – Western Parcel	Description	View of empty mourning dove nest on the Western Parcel. Nest appears to have been depredated.
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**Photo 2**

Location	SERC – Western Parcel	Description	View of ground below and just west of depredated mourning dove nest (see Photo 1). Feathers are from an adult mourning dove. Several more feathers including a primary scattered about.
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Photo 3



Location	SERC – Western Parcel	Description	View south-southeast from central portion of the Western Parcel at location of depredated mourning dove nest (red circle upper left; see Photo 1). Red circle lower right is where a cluster of feathers was found (see Photo 2).
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Photo 4



Location	SERC – Eastern Parcel	Description	View northwest from central portion of the Eastern Parcel at truck pouring slurry into fire hydrant foundation adjacent to the northern perimeter pipeline trench.
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Photo 5



Location	SERC – Eastern Parcel	Description	Another view northwest from central portion of the Eastern Parcel at fire hydrant foundation adjacent to the northern perimeter pipeline trench following slurry pour (see Photo 4).
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**Stanton Energy Reliability Center (SERC)****BIOLOGICAL RESOURCES  
COMPLIANCE MONITORING LOG**

Date		Monitor		Time (Begin-End)	
July 2, 2019		Ken Levenstein		0600 -1500	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
63 – 77	0 – 12 SW	0.0 in	Good	Sunny	
<b>Location(s) of Work Site Activities Monitored</b>					
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; concrete pour, forms construction, trenching for water pipe installation, reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; concrete pour, ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (<i>Spinus psaltria</i>) pair for signs of disturbance.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>					
<b>Summary of Biological Resources Monitoring Observations</b>					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"><li>• None</li></ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"><li>• Lesser Goldfinches that nested in Church parking lot currently feeding fledglings in an adjacent Magnolia. No signs of disturbance.</li></ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"><li>• None</li></ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"><li>• None</li></ul>					
<b>Items Requiring Action/Follow-up</b>					
<ul style="list-style-type: none"><li>• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li></ul>					
<b>Wildlife Species Observed:</b>					
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), lesser goldfinch, house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>					

Photo 1



Location	SERC – Western Parcel	Description	View south from eastern end of the Western Parcel at workers engaged in concrete foundation pouring activities
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Photo 2



Location	SERC – Western Parcel	Description	View north-northeast from eastern portion of Western Parcel at “cement” truck washout station with plastic sheeting in place for containment.
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Photo 3



Location	SERC – Western Parcel	Description	View east from central portion of Western Parcel at ongoing trenching activities. This trench is part of the water pipeline that passes through the Eastern Parcel along the northern perimeter.
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Photo 4



Location	SERC – Western Parcel	Description	Another view (south-southwest) at ongoing trenching activities. Water is being sprayed for dust suppression.
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Photo 5

Date & Time: Tue, Jul 02, 2019, 12:42:20 PDT  
Position: 033.806859° N / 117.986546° W  
Altitude: 76ft  
Datum: WGS-84  
Azimuth/Bearing: 052° N52E 0924mils (True)  
Elevation Angle: +28.8°  
Horizon Angle: -02.5°  
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View northeast from western portion of the Eastern Parcel at ongoing foundation contouring above the northern perimeter pipeline. Water visible at left is being sprayed for dust suppression.

Photo 6

Date & Time: Tue, Jul 02, 2019, 12:42:32 PDT  
Position: 033.806879° N / 117.986522° W  
Altitude: 79ft  
Datum: WGS-84  
Azimuth/Bearing: 068° N68E 1209mils (True)  
Elevation Angle: +28.1°  
Horizon Angle: -02.3°  
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View east-southeast from western portion of the Eastern Parcel at fire ongoing foundation construction activities.

## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
July 3, 2019					Ken Levenstein		0600 -1500	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
63 – 77		0 – 9 S	0.0 in	Good	Partly cloudy early to mostly sunny			
<b>Location(s) of Work Site Activities Monitored</b>								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; forms construction, trenching for water pipe installation, reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (<i>Spinus psaltria</i>) pair for signs of disturbance.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>								
<b>Summary of Biological Resources Monitoring Observations</b>								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• Lesser Goldfinches that nested in Church parking lot not seen today. Adults have been feeding fledged young and they have likely moved to another nearby location.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul>								
<b>Items Requiring Action/Follow-up</b>								
<ul style="list-style-type: none"> <li>• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>								
<b>Wildlife Species Observed:</b>								
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), lesser goldfinch, house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>								

Photo 1

Date & Time: Wed, Jul 03, 2019, 08:05:17 PDT  
 Position: 033.806939° N / 117.987457° W  
 Altitude: 78ft  
 Datum: WGS-84  
 Azimuth/Bearing: 343° N17W 6098mils (True)  
 Elevation Angle: +27.5°  
 Horizon Angle: -01.7°  
 Zoom: 1X



Location

SERC – Western Parcel

Description

View south from eastern end of the Western Parcel at ongoing trenching and pipe installation.

Photo 2

Date & Time: Wed, Jul 03, 2019, 08:11:18 PDT  
 Position: 033.806883° N / 117.985111° W  
 Altitude: 136ft  
 Datum: WGS-84  
 Azimuth/Bearing: 270° N90W 4300mils (True)  
 Elevation Angle: +29.7°  
 Horizon Angle: -03.2°  
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View south from eastern portion of Eastern Parcel at trench boxes being removed from the parcel.

Photo 3



Location	SERC – Eastern Parcel	Description	View east-southeast from eastern portion of Eastern Parcel at forklift maneuvering conduit into trench for completion of remaining portion of the southern perimeter ductworks.
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Photo 4



Location	SERC – Eastern Parcel	Description	View southwest at workers covering washout containers with plastic sheeting in order to avoid attracting birds and other wildlife.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
July 8, 2019					Ken Levenstein		0600 -1500	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
63 – 75		0 – 11 SW	0.0 in	Good	Cloudy to mostly sunny			
<b>Location(s) of Work Site Activities Monitored</b>								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching for water pipe installation, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>								
<b>Summary of Biological Resources Monitoring Observations</b>								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• A Eurasian collared dove (<i>Streptopelia decaocto</i>) nest was observed in the northwest transmission line tower on the lowest southeast insulator crossarm junction at an elevation of approximately 60 - 70 feet above ground level (AGL). The nest is located at approximately 33.8071908 latitude and -117.9875864 longitude. This nest was first detected on May 29, at which time an adult was observed “sitting tight,” and presumed to be incubating. On June 27, no activity was observed at the nest and it was presumed to have failed as the adults had not been observed yet feeding young. During the avian nest survey on July 8, an adult was again observed sitting on the nest. The pair may be renesting. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). No special status species were observed within the laydown yards or within 500 feet of the laydown yards.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul>								
<b>Items Requiring Action/Follow-up</b>								
<ul style="list-style-type: none"> <li>• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>								
<b>Wildlife Species Observed:</b>								
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>								

Photo 1



Location	SERC – Western Parcel	Description	View northwest from eastern portion of the Western Parcel at ongoing pipe installation work.
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Photo 2



Location	SERC – Western Parcel	Description	View southeast from eastern portion of Western Parcel at ongoing trenching work.
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Photo 3



Location	SERC – Eastern Parcel	Description	View east from western portion of Eastern Parcel at ongoing piecemeal trenchwork.
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Photo 4



Location	SERC – Eastern Parcel	Description	View west-southwest at workers constructing forms for the Generator 2 foundation.
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Photo 5



Location	SERC – Eastern Parcel	Description	View east from eastern portion of Eastern Parcel at electricians working on the eastern extension of ductworks onsite before crossing Dale Avenue.
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Photo 6



Location	SERC – Eastern Parcel	Description	View southwest at cement washout containers that were drained of water in order to avoid attracting birds and other wildlife.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 9, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 80	0 – 12 SW	0.0 in	Good	Cloudy early to sunny and warm
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching for water pipe installation, movement of equipment/materials; slurry pour, reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, slurry pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), mitred parakeet (<i>Psittacara mitratus</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View northeast from central portion of the Eastern Parcel at ongoing piecemeal trenching.
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Photo 2



Location	SERC – Eastern Parcel	Description	View northwest from central portion of Eastern Parcel at ongoing foundation contouring.
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Photo 3



Location	SERC – Western Parcel	Description	View northwest from eastern portion of Western Parcel at pipefitters offloading materials with the help of a forklift.
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Photo 4



Location	SERC – Western Parcel	Description	View west-northwest at “cement” truck pouring slurry into water pipeline trench.
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Photo 5



Location	SERC – Western Laydown	Description	View west from eastern portion of Western Laydown at forklift and newly delivered K-rails.
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Photo 6



Location	SERC – Western Laydown	Description	View north-northwest at K-rails placed around transmission line towers to prevent damage by vehicles.
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Photo 7



<b>Location</b>	SERC – Western Parcel	<b>Description</b>	View north from eastern end of Western Parcel at base temporarily piled adjacent to the Stanton Storm Channel.
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Photo 8



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View east across the Stanton Storm Channel at the Eastern Laydown Yard which has yet to be utilized by the Project.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 10, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 78	0 – 11 SW	0.0 in	Good	Sunny and warm
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching for water pipe installation, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; K-rails placed around transmission towers. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Dale Av. entrance scraped for rumble plate install. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>Adult red-tailed hawk (<i>Buteo jamaicensis</i>) hunting on eastern laydown. Caught a Botta's pocket gopher (<i>Thomomys bottae</i>).</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> red-tailed hawk, killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p> <p><b>Mammals:</b> Botta's pocket gopher</p>				

Photo 1



Location	SERC – Eastern Laydown	Description	View west-northwest from of Dale Avenue entrance to eastern laydown at work underway to install rumble plates.
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Photo 2



Location	SERC – Eastern Parcel	Description	View west from eastern portion of Eastern Parcel at forms under construction for Project infrastructure.
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Photo 3



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	Another view (southwest; see Photo 2) from eastern portion of Western Parcel at forms under construction for Project infrastructure.
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Photo 4



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	View southeast from western portion of Eastern Parcel at ongoing piecemeal trench excavation.
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Photo 5



Location

SERC – Eastern Parcel

Description

View southeast from central portion of eastern parcel at ongoing construction of concrete foundations for Project infrastructure.

Photo 6



Location

SERC – Eastern Laydown

Description

Another view west-northwest (see Photo 1) from Dale Av. of rumble plates after installation completed.

## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
July 11, 2019					Ken Levenstein		0600 -1500	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
64 – 80		0 – 13 SW	0.0 in	Good	Sunny and warm			
<b>Location(s) of Work Site Activities Monitored</b>								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Ongoing water pipeline installation, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; gravel road bed install and privacy fence erected splitting parcel for SoCal Gas (east) and ARB (west). Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>								
<b>Summary of Biological Resources Monitoring Observations</b>								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul>								
<b>Items Requiring Action/Follow-up</b>								
<ul style="list-style-type: none"> <li>• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>								
<b>Wildlife Species Observed:</b>								
<p><b>Birds:</b> red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>								

Photo 1



<b>Location</b>	SERC – Western Laydown	<b>Description</b>	View northeast from southwest portion of Western Laydown at K-rails in place around transmission line tower to protect against damage by Project vehicles/equipment.
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Photo 2



<b>Location</b>	SERC – Western Parcel	<b>Description</b>	View south-southwest from eastern end of Western Parcel at pile of base adjacent to Stanton Storm Channel.
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Photo 3



Location	SERC – Eastern Parcel	Description	View northwest from central portion of Eastern Parcel at concrete pour underway.
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Photo 4



Location	SERC – Eastern Laydown	Description	View west-northwest from Dale Av. of completed rumble plate install and, in background, new privacy fence splitting Parcel.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 12, 2019		Cara Snellen		0600-1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-80	1-10	0.0 in	Good	Cloudy/overcast in a.m.
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing waterpipe installation, slurry pour at waterpipe trench, additional trenching, dust suppression, material movement; reporting (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal excavation, ground compaction, foundation concrete pour, dirt contouring along south pipeline, dust suppression, movement of equipment/materials; reporting (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; movement of materials/equipment. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; gravel delivery, gravel road bed install, dirt contouring at parcel entrance. Surveyed Parcel and surrounding area (as accessible) for nesting activity (see Photo Log).</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorrhous mexicanus</i>), house , sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>), turkey vulture (<i>Cathartes aura</i>)</p>				

Photo 1



Location	SERC – Western Parcel	Description	Waterpipe trench extension, facing north.
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Photo 2



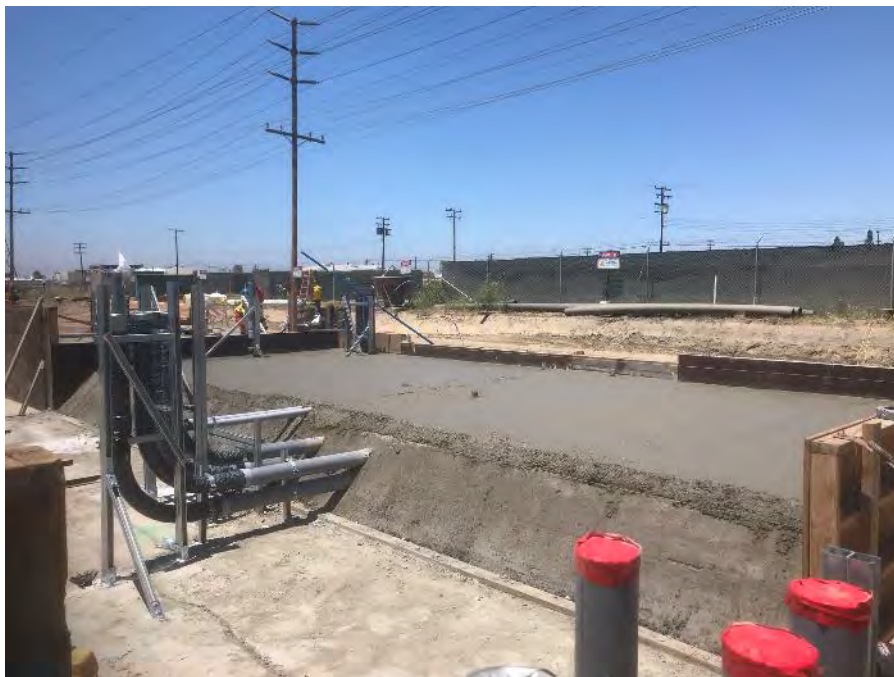
Location	SERC –Western Parcel	Description	Slurry pour at waterpipe trench in West parcel, facing northwest.
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Photo 3



Location	SERC – Eastern Parcel	Description	Foundation construction in East parcel, facing northeast.
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Photo 4



Location	SERC – Eastern Parcel	Description	Finished concrete foundation pour in East parcel, facing northwest.
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Photo 5



Location	SERC – Eastern Parcel	Description	Piecemeal excavation in East parcel, facing northwest.
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Photo 6



Location	SERC – Eastern Parcel	Description	Dirt movement and contouring by south pipeline in East parcel, facing east.
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Photo 7



Location

SERC – SCE East Parcel

Description

Gravel delivery for new road bed in SCE East parcel, facing west.

Photo 8



Location

SERC – SCE East Parcel

Description

Contouring of gravel for new road bed in SCE East parcel, facing west.

## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 13, 2019		Ken Levenstein		0600 -1145
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 75	0 – 2	0.0 in	Good	Overcast to mostly sunny
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP, reporting.</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; concrete pour, reporting. (see Photo Log).</p> <p>Church Parking Lot – Not in use today.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> American kestrel (<i>Falco sparverius</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Sat, Jul 13, 2019, 07:18:31 PDT  
Position: 083.806921°N / 117.985427°W  
Altitude: 93ft  
Datum: WGS-84  
Azimuth/Bearing: 311° N49W 5529mils (True)  
Elevation Angle: +31.5°  
Horizon Angle: -01.5°  
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west from central portion of Eastern Parcel at Generator foundation concrete pour just underway. An estimated 30 truckloads of concrete will be needed to complete the task.
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Photo 2

Date & Time: Sat, Jul 13, 2019, 07:25:29 PDT  
Position: 083.806715°N / 117.985903°W  
Altitude: 82ft  
Datum: WGS-84  
Azimuth/Bearing: 013° N13E 0231mils (True)  
Elevation Angle: +34.8°  
Horizon Angle: -02.5°  
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View north-northeast from central portion of Eastern Parcel at concrete pour underway.
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Photo 3



Location	SERC – Eastern Parcel	Description	Another closer view north from central portion of Eastern Parcel at concrete pour underway.
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Photo 4



Location	SERC – Eastern Parcel	Description	Another view (northeast) from central portion of Eastern Parcel at concrete pour in process.
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Photo 5



Location	SERC – Eastern Parcel	Description	Another closer view northwest from central portion of Eastern Parcel at concrete pour in process.
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Photo 6



Location	SERC – Eastern Parcel	Description	View northeast from eastern portion of Eastern Parcel at “cement” truck washout station. Plastic sheeting is for containment.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
July 15, 2019					Ken Levenstein		0600 -1500	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
65 – 83		0 – 29	0.0 in	Good	Overcast to mostly sunny			
<b>Location(s) of Work Site Activities Monitored</b>								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation, movement of equipment/materials; reporting. (see Photo Log).reporting.</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>								
<b>Summary of Biological Resources Monitoring Observations</b>								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely reneesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul>								
<b>Items Requiring Action/Follow-up</b>								
<ul style="list-style-type: none"> <li>• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>								
<b>Wildlife Species Observed:</b>								
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>								

Photo 1

Date & Time: Mon, Jul 15, 2019, 08:31:55 PDT  
Position: 033.806791°N / 117.985309°W  
Altitude: 135ft  
Datum: WGS-84  
Azimuth/Bearing: 310° N50W 5511mils (True)  
Elevation Angle: +29.2°  
Horizon Angle: -03.1°  
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from eastern portion of Eastern Parcel at ongoing infrastructure foundation construction work.
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Photo 2

Date & Time: Mon, Jul 15, 2019, 12:35:09 PDT  
Position: 033.806853°N / 117.987890°W  
Altitude: 76ft  
Datum: WGS-84  
Azimuth/Bearing: 307° N53W 5458mils (True)  
Elevation Angle: +28.5°  
Horizon Angle: -02.0°  
Zoom: 1X



Location	SERC – Western Parcel	Description	View southwest from central portion of Western Parcel at parcel foundation work along the water pipeline trench.
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**Photo 3**

Date & Time: Mon, Jul 15, 2019, 12:36:16 PDT  
 Position: 033.807100°N / 117.987563°W  
 Altitude: 76ft  
 Datum: WGS-84  
 Azimuth/Bearing: 046° N46E 0818mils (True)  
 Elevation Angle: +30.4°  
 Horizon Angle: -02.3°  
 Zoom: 1X

**Location**

SERC – Western Laydown

**Description**

View east-northeast from southern edge of Western Laydown at parcel foundation work in progress.

**Photo 4**

Date & Time: Mon, Jul 15, 2019, 12:51:42 PDT  
 Position: 033.807052°N / 117.984703°W  
 Altitude: 100ft  
 Datum: WGS-84  
 Azimuth/Bearing: 273° N87W 4853mils (True)  
 Elevation Angle: +27.8°  
 Horizon Angle: -02.1°  
 Zoom: 1X

**Location**

SERC – Eastern Parcel

**Description**

View southwest from eastern portion of Eastern Parcel at ongoing parcel foundation work.

Photo 5

Date & Time: Mon, Jul 15, 2019, 12:52:22 PDT  
Position: 033.806403° N / 117.984533° W  
Altitude: 82ft  
Datum: WGS-84  
Azimuth/Bearing: 276° N84W 4907mils (True)  
Elevation Angle: +29.2°  
Horizon Angle: -01.9°  
Zoom: 1X

**Location**

SERC – Eastern Parcel

**Description**

Another view (south-southwest) from eastern portion of Eastern Parcel at ongoing infrastructure foundation construction work.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 16, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 80	0 – 7	0.0 in	Good	Overcast to sunny
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, loop road bed and parking area installation; reporting. (see Photo Log).</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Surveyed Parcel and surrounding area (as accessible) for nesting activity; loop road bed and parking area installation; reporting. (see Photo Log).</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>A Botta's pocket gopher (<i>Thomomys bottae</i>) was rescued during road bed construction on the Eastern Laydown and relocated unharmed to a safe spot at the northern edge of the parcel. A Wildlife Observation Report will be submitted for the incident.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p> <p><b>Mammals:</b> Botta's pocket gopher</p>				

Photo 1



Location	SERC – Western Parcel	Description	View east-southeast from eastern portion of Eastern Parcel at ongoing pipeline installation activities.
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Photo 2



Location	SERC – Eastern Parcel	Description	View south from eastern portion of Eastern Parcel at parcel foundation contouring work.
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**Photo 3**

<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View west-northwest from Dale Avenue of Eastern Laydown entrance (foreground) and privacy fence dividing parcel (background).
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**Photo 4**

<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View west-northwest from eastern edge of Eastern Laydown at loop road bed.
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Photo 5



Location	SERC – Eastern Laydown	Description	View south-southwest from southern portion of Eastern Laydown at gate between Eastern Parcel and Eastern Laydown.
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Photo 6



Location	SERC – Eastern Laydown	Description	Botta's pocket gopher rescued during road bed construction on the Eastern Laydown just before it was released unharmed to a safe spot at the northern edge of the parcel.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 17, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 78	0 – 9	0.0 in	Good	Overcast to sunny
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation, slurry pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, foundation contouring, mudmat foundation pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Surveyed Parcel and surrounding area (as accessible) for nesting activity; loop road bed installation, Conex deliveries; reporting. (see Photo Log).</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southwest from eastern end of Eastern Parcel at ductwork foundation concrete pour.
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Photo 2



Location	SERC – Eastern Laydown	Description	View west-northwest from central portion of Eastern Laydown at roadbed installation.
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Photo 3



Location	SERC – Western Parcel	Description	View northeast at pile of base adjacent to the Stanton Storm Channel. Silt fencing has been installed and pile reduced in size.
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Photo 4



Location	SERC – Western Parcel	Description	View northwest from eastern portion of Western Parcel at water pipeline trench prior to trench being filled with slurry.
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**Photo 5**

Date & Time: Wed, Jul 17, 2019, 13:01:39 PDT  
 Position: 033.806734° N / 117.986612° W  
 Altitude: 81ft  
 Datum: WGS-84  
 Azimuth/Bearing: 079° N79E 1387mils (True)  
 Elevation Angle: +26.9°  
 Horizon Angle: -03.6°  
 Zoom: 1X

**Location**

SERC – Eastern Parcel

**Description**

View southeast from western portion of Eastern Parcel at ongoing parcel foundation contouring work.

**Photo 6****Location**

SERC – Eastern Parcel

**Description**

One of many mourning doves in the vicinity of the Project. This individual is in the process of molting, whereby old feathers are replaced with new ones.

Photo 7

Date & Time: Wed, Jul 17, 2019, 13:05:39 PDT  
 Position: 033.806866°N / 117.985117°W  
 Altitude: 71ft  
 Datum: WGS-84  
 Azimuth/Bearing: 071° N71E 1262mils (True)  
 Elevation Angle: +29.7°  
 Horizon Angle: -03.0°  
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southeast from eastern portion of Eastern Parcel at pouring of mudmat for Generator 1 foundation.

Photo 8

Date & Time: Wed, Jul 17, 2019, 13:16:17 PDT  
 Position: 033.806772°N / 117.987394°W  
 Altitude: 80ft  
 Datum: WGS-84  
 Azimuth/Bearing: 355° N05W 6311mils (True)  
 Elevation Angle: +29.6°  
 Horizon Angle: -02.4°  
 Zoom: 1X



Location

SERC – Western Parcel

Description

View north from southeast portion of Western Parcel at slurry pour for pipeline trench.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 18, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 80	0 – 10	0.0 in	Good	Overcast to sunny
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation activities, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductworks, utility racks, generator, and stack foundations, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of equipment/materials; reporting.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower appears to have failed. No signs of activity. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southeast from central portion of Eastern Parcel at infrastructure foundation concrete pour.
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Photo 2



Location	SERC – Eastern Parcel	Description	View east-southeast from eastern portion of Eastern Parcel at southern perimeter ductwork trench following concrete pour.
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Photo 3



Location	SERC – Western Parcel	Description	View east-southeast from western portion of Western Parcel at ongoing foundation contouring work.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 19, 2019		Cara Snellen		0600-1445
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-77	1-10	0.0 in	Good	Cloudy/overcast in a.m.
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dirt movement and contouring, concrete finishing on foundations, dust suppression, movement of equipment/materials; reporting (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, foundation concrete pour, slurry pour at south pipeline trench, removal of trench shoring at south pipeline, dust suppression, movement of equipment/materials; reporting (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; movement of materials/equipment. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; gravel delivery, dirt contouring at parcel entrance, movement of equipment/materials. Surveyed Parcel and surrounding area (as accessible) for nesting activity (see Photo Log).</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>No activity observed at the Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), European starling (<i>Sturnus vulgaris</i>), common raven (<i>Corvus corax</i>), American kestrel (<i>Falco sparverius</i>)</p>				

Photo 1



Location	SERC – Western Parcel	Description	Concrete finishing activities at the foundations in the West parcel, facing southeast.
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Photo 2



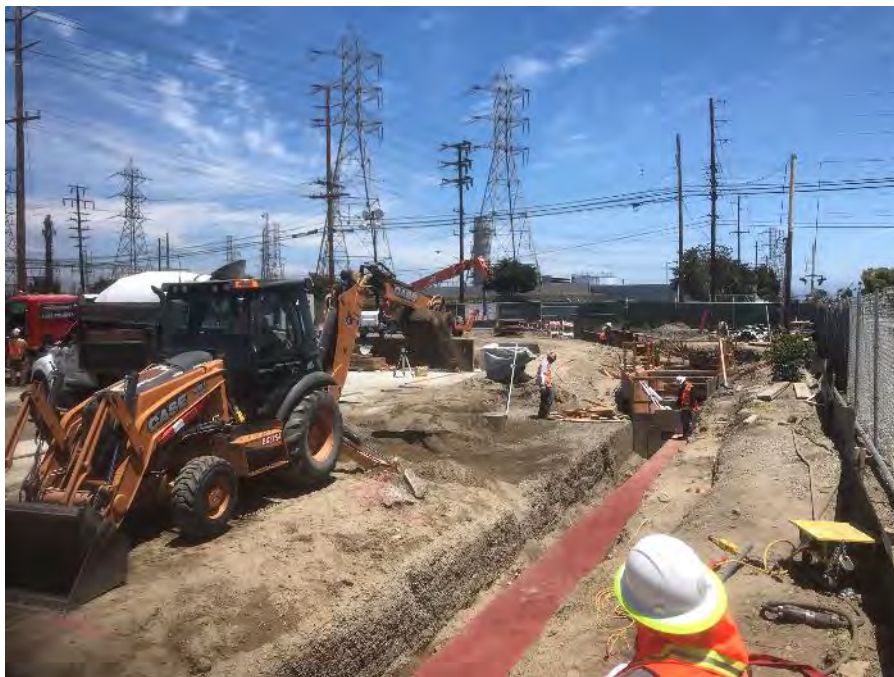
Location	SERC –Eastern Parcel	Description	Foundation construction in East parcel, facing east.
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Photo 3



Location	SERC – Eastern Parcel	Description	Dirt contouring and dust suppression at the vehicle bridge in the East parcel, facing north.
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Photo 4



Location	SERC – Eastern Parcel	Description	Dirt excavation/removal, slurry pour, and shoring removal at the south pipeline trench in the East parcel, facing east.
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Photo 5



Location	SERC – SCE East Parcel	Description	Gravel deliveries in the SCE East parcel, facing east.
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Photo 6



Location	SERC – SCE East Parcel	Description	Material movement for storage in the SCE East parcel, facing southwest.
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Photo 7

**Location**

SERC – SCE East Parcel

**Description**

Overview of material and equipment located in SCE West parcel, facing west.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 22, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 84	0 – 7	0.0 in	Good	Overcast to sunny and humid
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation activities, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductworks, utility racks, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, foundation slurry pour at south pipeline trench, removal of trench shoring at south pipeline, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of equipment/materials; reporting.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View east from eastern portion of Eastern Parcel at southern perimeter ductworks foundation slurry pour in progress.
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Photo 2



Location	SERC – Eastern Laydown	Description	View northwest from southeastern portion of Eastern Laydown at construction materials delivery. Items will be stored on the parcel.
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Photo 3

Date & Time: Mon, Jul 22, 2019, 09:12:05 PDT  
Position: 033.804756°N / 117.965430°W  
Altitude: 90ft  
Datum: WGS-84  
Azimuth/Bearing: 343° N17W 6098mils (True)  
Elevation Angle: -23.7°  
Horizon Angle: -03.5°  
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View northwest from central portion of Eastern Parcel at ongoing foundation contouring work. In the background, newly installed overhead powerlines warning flags are visible over entrance to Eastern Laydown.
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Photo 4

Date & Time: Mon, Jul 22, 2019, 09:16:03 PDT  
Position: 033.806611°N / 117.987173°W  
Altitude: 80ft  
Datum: WGS-84  
Azimuth/Bearing: 344° N16W 6116mils (True)  
Elevation Angle: +31.8°  
Horizon Angle: -01.3°  
Zoom: 1X



Location	SERC – Western Parcel	Description	View northwest from eastern portion of Western Parcel at new water demineralization system equipment atop foundation. In the background, newly installed overhead lines warning flags are visible over entrance to Western Laydown.
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Photo 5



Location	SERC – Western Parcel	Description	View northwest from eastern portion of Western Parcel at another new component of water demineralization system equipment sitting atop foundation.
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Photo 6



Location	SERC – Eastern Parcel	Description	View east-southeast from central portion of Eastern Parcel at ongoing piecemeal excavation work.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 23, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69 – 93	0 – 9	0.0 in	Good	Overcast to sunny and humid
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; pipe fabrication, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductworks, utility racks, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of equipment/materials; reporting.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View northeast from central portion of Eastern Parcel at piecemeal excavations for infrastructure foundations (foreground). And forms under construction (background).
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Photo 2



Location	SERC – Eastern Parcel	Description	View southwest from eastern end of Eastern Parcel at ongoing southern perimeter ductworks foundation work.
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Photo 3



Location	SERC – Eastern Parcel	Description	View north-northeast from western portion of Eastern Parcel at forklift being used to offload construction materials.
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Photo 4



Location	SERC – Eastern Parcel	Description	View northeast from eastern portion of Western Parcel at ongoing parcel foundation contouring work. Water being sprayed for dust suppression.
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**Stanton Energy Reliability Center (SERC)****BIOLOGICAL RESOURCES  
COMPLIANCE MONITORING LOG**

Date		Monitor		Time (Begin-End)	
July 24, 2019		Ken Levenstein		0600 -1500	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
70 – 94	0 – 8	0.0 in	Good	Sunny and humid	
<b>Location(s) of Work Site Activities Monitored</b>					
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ground contouring and compaction, dust suppression, pipe fabrication, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductworks, utility racks, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of equipment/materials; reporting.</p>					
<b>Summary of Biological Resources Monitoring Observations</b>					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"><li>• None</li></ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"><li>• None</li></ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"><li>• None</li></ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"><li>• None</li></ul>					
<b>Items Requiring Action/Follow-up</b>					
<ul style="list-style-type: none"><li>• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li></ul>					
<b>Wildlife Species Observed:</b>					
<p><b>Birds:</b> sharp-shinned hawk (<i>Accipiter striatus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>					

Photo 1



Location	SERC – Eastern Parcel	Description	View northeast from western portion of Eastern Parcel at ongoing construction of infrastructure foundation forms.
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Photo 2



Location	SERC – Eastern Parcel	Description	View west from western portion of Eastern Parcel at infrastructure foundations under construction and at center of photo, new ammonia tank on its foundation.
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Photo 3

Date & Time: Wed, Jul 24, 2019, 12:32:19 PDT  
Position: 033.807088° N / 117.985618° W  
Altitude: 82ft  
Datum: WGS-84  
Azimuth/Bearing: 306° N54W 5440mils (True)  
Elevation Angle: +27.5°  
Horizon Angle: -01.7°  
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west-southwest from central portion of Eastern Parcel at ductworks under construction.

Photo 4

Date & Time: Wed, Jul 24, 2019, 12:34:53 PDT  
Position: 033.806785° N / 117.984617° W  
Altitude: 53ft  
Datum: WGS-84  
Azimuth/Bearing: 315° N45W 5600mils (True)  
Elevation Angle: +24.5°  
Horizon Angle: -01.9°  
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west-southwest from eastern end of Eastern Parcel at ongoing construction of south perimeter infrastructure overlying ductworks.

Photo 5



Location	SERC – Eastern Parcel	Description	View east-northeast from western portion of Eastern Parcel at ongoing construction of infrastructure foundation forms.
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Photo 6



Location	SERC – Eastern Parcel	Description	View northeast from western portion of Eastern Parcel at ongoing parcel foundation contouring work. Water, visible at right of photo, being sprayed for dust suppression.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 25, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69 – 91	0 – 7	0.0 in	Good	Very light rain early, humid and partly cloudy later
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ground contouring and compaction, dust suppression, pipe fabrication, movement of equipment/materials; reporting.</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductworks, utility racks, generator, and stack foundations, concrete pour, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of equipment/materials; reporting.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), American crow (<i>Corvus brachyrhynchos</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Thu, Jul 25, 2019, 07:29:54 PDT  
 Position: 033.806929°N / 117.986065°W  
 Altitude: 96ft  
 Datum: WGS-84  
 Azimuth/Bearing: 075° N75E 1333mils (True)  
 Elevation Angle: +27.8°  
 Horizon Angle: -02.5°  
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southeast from central portion of Eastern Parcel at ductworks foundation concrete pour.
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Photo 2

Date & Time: Thu, Jul 25, 2019, 12:17:22 PDT  
 Position: 033.806681°N / 117.986893°W  
 Altitude: 96ft  
 Datum: WGS-84  
 Azimuth/Bearing: 087° N87E 1547mils (True)  
 Elevation Angle: +26.9°  
 Horizon Angle: -02.0°  
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View south from west end of Eastern Parcel at ongoing piecemeal excavation work.
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Photo 3



Location	SERC – Eastern Parcel	Description	View east-northeast from central portion of Eastern Parcel at ductworks following concrete pour. Top surface of concrete is dyed red to indicate underlying high voltage lines.
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Photo 4



Location	SERC – Eastern Parcel	Description	View east-northeast from eastern portion of Eastern Parcel at ongoing piecemeal excavation work.
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Photo 5



Location

SERC – Eastern Parcel

Description

View west from central portion of Eastern Parcel at ongoing construction of ductworks.

Photo 6



Location

SERC – Eastern Parcel

Description

View east-northeast from eastern portion of Eastern Parcel at ongoing construction of infrastructure foundation.

Photo 7



Location	SERC – Eastern Parcel	Description	View east-northeast from eastern portion of Eastern Parcel at ongoing construction of south perimeter ductworks.
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Photo 8



Location	SERC – Eastern Parcel	Description	Another view south (see Photo 2) from west end of Eastern Parcel at ongoing piecemeal excavation work.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
July 26, 2019					Cara Snellen		0600-1445	
Temperature (°F)		Wind (mph)		Precipitation amount	Visibility	Weather Comment		
70-85		3-12		0.0 in	Good	overcast/humid in early a.m.		
<b>Location(s) of Work Site Activities Monitored</b>								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dirt movement and contouring/compaction, foundation control panel work, dust suppression, movement/delivery of materials; reporting (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, foundation and ductwork concrete pour, south pipeline trench work, expansion of Dale Ave. driveway, dust suppression, gravel delivery, movement of equipment/materials; reporting (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of materials/equipment; reporting (see Photo Log).</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; delivery and movement of equipment/materials. (see Photo Log).</p>								
<b>Summary of Biological Resources Monitoring Observations</b>								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• Eurasian collared dove (<i>Streptopelia decaocto</i>) observed in incubation position on the known nest on the SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• None</li> </ul>								
<b>Items Requiring Action/Follow-up</b>								
<ul style="list-style-type: none"> <li>• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>								
<b>Wildlife Species Observed:</b>								
<p><b>Birds:</b> Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), European starling (<i>Sturnus vulgaris</i>), American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>)</p>								

Photo 1



Location

SERC – Western Parcel

Description

Electrical control panel work and dirt movement/contouring in West parcel, facing east.

Photo 2



Location

SERC –Eastern Parcel

Description

Foundation construction in East parcel, facing southeast.

Photo 3



Location	SERC – Eastern Parcel	Description	Concrete pours at infrastructure foundations in East parcel, facing east.
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Photo 4



Location	SERC – Eastern Parcel	Description	Trenching near western fence in East parcel, facing northeast.
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Photo 5



Location	SERC –Eastern Parcel	Description	Dirt movement and contouring for driveway expansion at Dale Ave. in East parcel, facing north.
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Photo 6



Location	SERC – SCE East Parcel	Description	Delivery and movement of storage containers in SCE East parcel, facing northwest.
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Photo 7



<b>Location</b>	SERC – SCE West Parcel	<b>Description</b>	Overview of material and equipment located in SCE West parcel, facing west.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 29, 2019		Cara Snellen		0600-1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68-76	2-5	0.0 in	Good	overcast in early a.m.
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dirt movement and contouring/compaction, foundation pump electrical work, dust suppression, gravel delivery; reporting (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, trenching along western fence line, dirt movement and contouring/compaction, foundation concrete finishing, dust suppression, gravel delivery, movement of equipment/materials; reporting (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of equipment; reporting.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; delivery and movement of equipment/materials, trenching along parcel connector driveway; reporting. (see Photo Log).</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>Eurasian collared dove (<i>Streptopelia decaocto</i>) observed in incubation position on the known nest on the SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), European starling (<i>Sturnus vulgaris</i>), American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), barn swallow (<i>Hirundo rustica</i>)</p>				

Photo 1



Location	SERC – Western Parcel	Description	Excavation and dirt movement/contouring in West parcel, facing north.
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Photo 2



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



Location

SERC – Eastern Parcel

Description

Gravel delivery for trench fill in East parcel, facing south.

Photo 4



Location

SERC – Eastern Parcel

Description

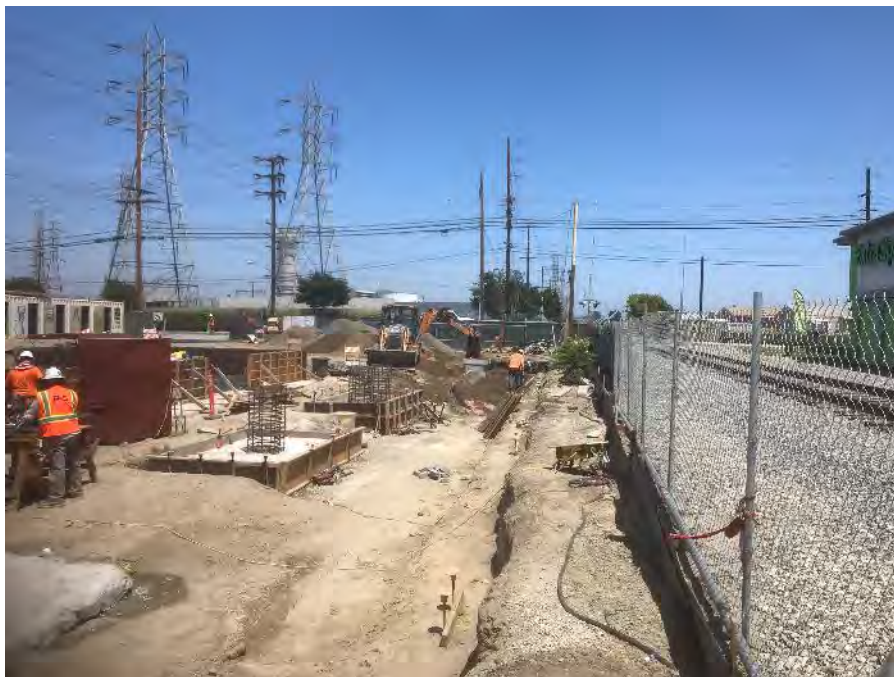
Trenching near western fence in East parcel, facing southeast.

Photo 5



Location	SERC –Eastern Parcel	Description	Ongoing duct work in East parcel, facing west.
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Photo 6



Location	SERC – Eastern Parcel	Description	Overview of foundation work and dirt movement/compaction in East parcel, facing west.
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Photo 7



Location	SERC – SCE East Parcel	Description	Movement of materials in SCE East parcel, facing east.
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Photo 8



Location	SERC – SCE East Parcel	Description	Trenching across parcel connector driveway in SCE East parcel, facing north.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 30, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68 – 81	0 – 12	0.0 in	Good	Overcast early, sunny and breezy later
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, movement of equipment/materials; reporting.</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductworks, utility racks, generator, and stack foundations, concrete pour, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of equipment/materials; reporting.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southwest from outside Dale Ave gate of Eastern Parcel piecemeal excavation and repositioning of base pile. Water being sprayed for dust suppression.
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Photo 2



Location	SERC – Eastern Parcel	Description	View southwest from eastern portion of Eastern Parcel at ongoing infrastructure foundation construction work.
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Photo 3



Location

SERC – Western Parcel

Description

View east-northeast from eastern portion of Western Parcel at vehicle bridge construction work.

Photo 4



Location

SERC – Eastern Parcel

Description

View northeast from western portion of Eastern Parcel at new engineering equipment atop foundation adjacent to ammonia tank.

Photo 5

Date & Time: Tue, Jul 30, 2019, 12:41:32 PDT  
Position: 033.806987°N / 117.985717°W  
Altitude: 80ft  
Datum: WGS-84  
Azimuth/Bearing: 073° N73E 1298mils (True)  
Elevation Angle: +29.9°  
Horizon Angle: -01.9°  
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southeast from central portion of Eastern Parcel at concrete work underway.

Photo 6

Date & Time: Tue, Jul 30, 2019, 12:43:15 PDT  
Position: 033.806787°N / 117.985561°W  
Altitude: 83ft  
Datum: WGS-84  
Azimuth/Bearing: 059° N59E 1049mils (True)  
Elevation Angle: +25.2°  
Horizon Angle: -02.6°  
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View south from central portion of Eastern Parcel at ongoing piecemeal excavation work. Water being sprayed for dust suppression.

Photo 7



Location	SERC – Eastern Parcel	Description	Another view (see Photo 1) south-southeast from eastern end of Eastern Parcel at excavation work outside Dale Ave gate. Sidewalk will be removed, parcel entry drive will be graded at a slightly lower elevation, and sidewalk will be reconstructed
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Photo 8



Location	SERC – Eastern Parcel	Description	View south from east end of Eastern Parcel at ongoing parcel foundation contouring work.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 31, 2019		Ken Levenstein		0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 81	0 – 9	0.0 in	Good	cloudy early, sunny and warm mid-morning on
<b>Location(s) of Work Site Activities Monitored</b>				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, movement of equipment/materials; reporting.</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductworks, utility racks, generator, and stack foundations, concrete pour, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; movement of equipment/materials; reporting.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No specific items requiring follow-up Monitoring of work will continue during Project construction activities.</li> </ul>				
<b>Wildlife Species Observed:</b>				
<p><b>Birds:</b> red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View northwest from the west end of the Eastern Parcel at foundation building/contouring at the vehicle bridge.
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Photo 2



Location	SERC – Eastern Parcel	Description	View east-southeast from eastern portion of Eastern Parcel at generator 1 foundation concrete pour.
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Photo 3



Location	SERC – Eastern Parcel	Description	Another view (east; see Photo 2) from eastern portion of Eastern Parcel at generator 1 foundation concrete pour.
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Photo 4



Location	SERC – Eastern Parcel	Description	View west from eastern portion of Eastern Parcel at ongoing ductworks construction.
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Photo 5

Date & Time: Wed, Jul 31, 2019, 09:46:25 PDT  
 Position: 033.807148°N / 117.965520°W  
 Altitude: 73ft  
 Datum: WGS-84  
 Azimuth/Bearing: 349° N11W 6204mils (True)  
 Elevation Angle: +29.9°  
 Horizon Angle: -02.6°  
 Zoom: 1X



Location

SERC – Eastern Laydown

Description

View north from south entrance to Eastern Laydown at flatbed trailer delivering Conex.

Photo 6

Date & Time: Wed, Jul 31, 2019, 09:47:49 PDT  
 Position: 033.806897°N / 117.966504°W  
 Altitude: 157ft  
 Datum: WGS-84  
 Azimuth/Bearing: 311° N49W 5529mils (True)  
 Elevation Angle: +29.8°  
 Horizon Angle: -01.6°  
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

Another view (west; see Photo 1) from the west end of the Eastern Parcel at foundation building/contouring at the vehicle bridge.

## Appendix C

### Wildlife Species List

<b>Observed Wildlife Species List</b> <b>July 1 – July 31, 2019</b> <b>Stanton Energy Reliability Center</b>		
<b>Common Name</b>	<b>Scientific Name</b>	<b>Status Federal/State/Other</b>
<b>Birds</b>		
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
Barn swallow	<i>Hirundo rustica</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</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
Killdeer	<i>Charadrius vociferus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mitred parakeet	<i>Psittacara mitratus</i>	--/--/NP
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/NP
Sharp-shinned hawk	<i>Accipiter striatus</i>	--/--/--
Turkey vulture	<i>Cathartes aura</i>	--/--/--
<b>Mammals</b>		
Domestic cat	<i>Felis catus</i>	--/--/--
Botta's pocket gopher	<i>Thomomys bottae</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

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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)

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## Appendix D

### Wildlife Observation Forms

## Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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

Date	Observer	Observer's Employer
07/2/2019	Ken Levenstein	Jacobs
<b>Location of Observation</b>		
Under the SCE Transmission Line Towers; 33.8071660, -117.9874540		
<b>Wildlife Species</b>		<b>Condition of Wildlife (alive/dead)</b>
Domestic cat ( <i>Felis catus</i> )		Dead
<b>Cause of Injury or Mortality</b> (Don't speculate, If unknown, enter "unknown")		
Unknown		
<b>Current Location of Animal</b>		
Stanton Energy Reliability Center (SERC).		
<b>Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?</b>		
Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/>
<b>If Yes, Explain</b>		
<b>Additional Comments</b>		
The highly desiccated partial carcass of a domestic cat was encountered under the transmission line towers on the Western SCE Parcel, adjacent to and approximately 75 feet north of the SERC Western Parcel. The carcass was disposed of. No photos taken.		

## Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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

Date	Observer	Observer's Employer
07/16/2019	Ken Levenstein	Jacobs
<b>Location of Observation</b>		
Eastern Laydown: 33.8071629, -117.9861746.		
<b>Wildlife Species</b>		<b>Condition of Wildlife (alive/dead)</b>
Botta's pocket gopher ( <i>Thomomys bottae</i> )		Live
<b>Cause of Injury or Mortality</b> (Don't speculate, If unknown, enter "unknown")		
<b>Current Location of Animal</b>		
Stanton Energy Reliability Center (SERC) Eastern Laydown Area.		
<b>Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?</b>		
Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/> NO    N/A <input type="checkbox"/>
<b>If Yes, Explain</b>		
A Botta's pocket gopher ( <i>Thomomys bottae</i> ) was rescued during road bed construction on the Eastern Laydown and relocated unharmed to a safe spot at the northern edge of the parcel.		
<b>Additional Comments</b>		

**Photo 1**



<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	Botta's pocket gopher photographed in plastic bucket before being released unharmed.
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**Photo 2**



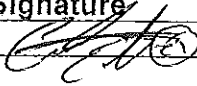
<b>Location</b>	SERC – Eastern Laydown	<b>Description</b>	View west-northwest of Eastern Laydown from eastern portion of the Parcel. Pocket gopher was rescued from grassy area at center of photo.
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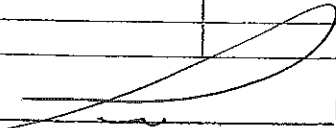
## Appendix E WEAP Training Logs

# 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.*

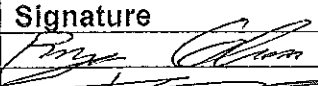
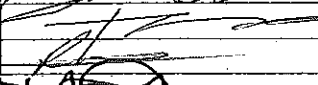
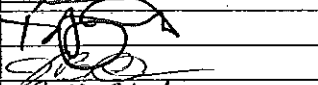
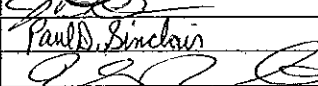
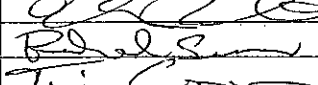
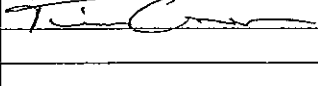
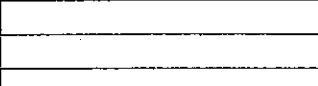
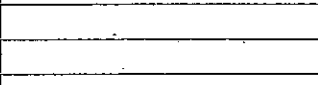
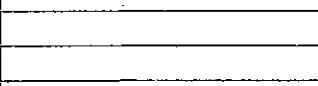
No.	Employee Name	Company	Signature	Date
1.	Carlos E. Ramirez			07-02-19
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Trainer: T. DRAPER Signature:  Date: 7/1/19

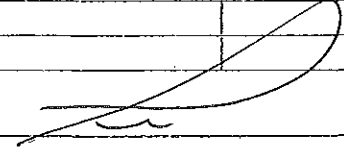
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Stanton Energy Reliability Center (SERC) Project, Orange County, California  
Cultural, Paleontological, and Biological Resources Education Program Verification  
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	PIAN COLACINO	ARB		7-8-19
2.	TREVOR SANDOVAL	ARB		7-8-19
3.	RICHARD ALLEN	ARB		7-8-19
4.	WAYNE GARRITO	NEUTRON		7/8/19
5.	JOHN ADAMS	NEUTRON		7/8/19
6.	Paul Sinclair	NEUTRON		7/10/19
7.	Natalie Lawson	Palconwest		7/10/19
8.	Richard Serrano	Palconwest		7/11/19
9.	Tim Carson	NEUTRON		7-12-19
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Trainer: T. DRAPER

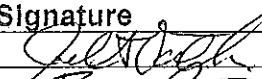
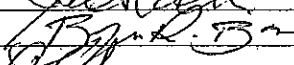
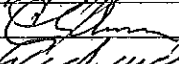
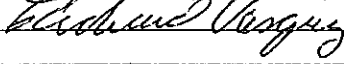
Signature: 

Date: 7/8/19

# Certification of Completion of Worker Environmental Awareness Education Program

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

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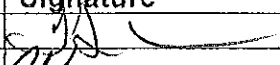


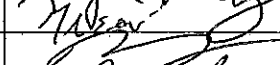
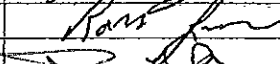
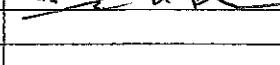
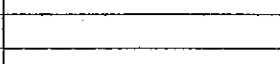
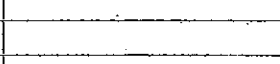
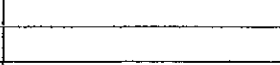
No.	Employee Name	Company	Signature	Date
1.	JOEL A. WALKER	ARB		7-15-19
2.	BRYAN R. BAZZJA	CMC		7-16-19
3.	Carlos Elizalde	CMC		7-17-19
4.	RICHARD VASQUEZ	NEUTRON		7-18-19
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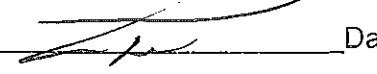
Trainer: T. DRAPER Signature:  Date: 7/15/19

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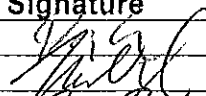
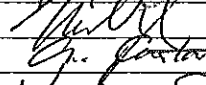
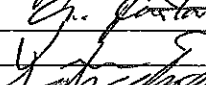

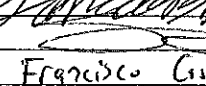
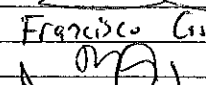
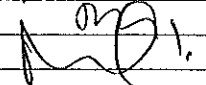
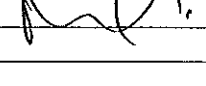
No.	Employee Name	Company	Signature	Date
1.	Tom Smith	Bill's Bookstore		7/22/19
2.	Cal Christensen	ARB		7-22-19
3.	Eddie Gonzales	ARB		7-22-19
4.	Larry Higbee	Newton		7-22-19
5.	Angel Martinez	Newton		7-22-19
6.	Jeddis Ferguson	CMC		7-23-19
7.	Robert Ramos	CMC		7-23-19
8.	Ronald Landman	CMC		7-23-19
9.	Brian W. Donahue	Newton		7/25/19
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Trainer: T. Draper Signature:  Date: 7/22/19

# Certification of Completion of Worker Environmental Awareness Education Program

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

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No.	Employee Name	Company	Signature	Date
1.	David Eskander	Newtron		7/30
2.	Tom Vogel	ARB		7.29.19
3.	Anthony Castaneda	ARB		7.29.19
4.	Jacobi Pyles	Newtron		7.29.19
5.	Salvador Tejillo	ARB		7-31-19
6.	Jesus Ramirez	ARB		7-31-19
7.	Francisco Castillo	ARB	Francisco Castillo	7-31-19
8.	Guillermo Marchal	Newtron		
9.	DAVID GALIZA-AKA	NEWTRON		8-2-19
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Trainer: T. DRAPER Signature:  Date: 7/29/19

Attachment 5 – CIVIL

Attachment 5 has been deliberately left blank in this reporting period

## Attachment 6 – Cultural Resources



## Memorandum

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

**Subject**      **Stanton Energy Reliability Center (16-AFC-1C)  
Cultural Resources Monthly Compliance Report  
July 2019**

**To:**            Tim Bofman, SERC, LLC

**From:**        Phil Reid, Jacobs  
SERC CEC Designated Cultural Resources Specialist

**Date:**         August 2, 2019

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

### 1. Introduction

This July 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from July 1 through July 31, 2019 at the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. 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.

### 2. Personnel Active in Cultural Monitoring This Period

Gena Granger, Gloriella Cardenas and Natalie Lawson participated as CRMs for this month. Robert Dorame served as Native American Monitor.

### 3. Number of CRMs and NAMs on a Daily Basis

Table 1 lists the number of CRMs and NAMs on a daily basis for this month.

Table 1. Number of CRMs and NAMs Present, by Date		
Date	CRMs	NAMs
7/1/19	1	1
7/2/19	1	1
7/3/19	1	1

Table 1. Number of CRMs and NAMs Present, by Date		
Date	CRMs	NAMs
7/4/19	Holiday - no construction	Holiday - no construction
7/5/19	Holiday - no construction	Holiday - no construction
7/8/19	1	1
7/9/19	1	1
7/10/19	1	1
7/11/19	1	1
7/12/19	1	1
7/15/19	1	1
7/16/19	1	1
7/17/19	1	1
7/18/19	1	1
7/19/19	1	1
7/22/19	1	1
7/23/19	1	1
7/24/19	1	1
7/25/19	1	1
7/26/19	1	1
7/29/19	1	1
7/30/19	1	1
7/31/19	1	1
<b>Total CRM/NAM-Days</b>	21	21

#### 4. Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Monday July 1, 2019. Activities monitored included duct bank and fire-water line trenching, miscellaneous shallow excavations of fill soils on Parcels 1 and 2, and the SCE owned laydown area. Excavations occurred to depths of 3 to 6 feet. Observed fill soils included medium brown silty sand with various unsorted gravels to depth in some locations. Undisturbed native soils were observed in the deeper parts of duct bank excavations at approximately 3 feet in Parcels 1 and 2. Native soils are light to yellow, fine- to medium-grained sands underlain by similar sands. There were no cultural resource finds this month.

#### 5. Fulfillment Requirements of Each Cultural Resources 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"> <li>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</li> <li>CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs)</li> <li>CRS may obtain services of additional technical specialists as needed.</li> </ul>	<p><b>In compliance</b></p> <ul style="list-style-type: none"> <li>Owner has appointed CRS and Alternate CRS. CRS is directing monitoring.</li> <li>CRS has obtained services of CRMs and NAMs</li> <li>No additional technical specialists have been required</li> </ul>
CUL-2: Information to be Provided to CRS	<ul style="list-style-type: none"> <li>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.</li> <li>Owner must provide CRS with a weekly construction schedule</li> <li>Owner must notify CRS of any changes to construction phases.</li> </ul>	<p><b>In compliance</b></p> <ul style="list-style-type: none"> <li>Owner has provided CRS with project information and maps</li> <li>Owner provides three-week lookahead schedule weekly</li> <li>There have been no changes to the construction phases.</li> </ul>
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	<ul style="list-style-type: none"> <li>The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.</li> </ul>	<p><b>In compliance</b></p> <ul style="list-style-type: none"> <li>The CRMMP has been prepared and approved by the CPM</li> </ul>
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.	<b>Not applicable</b> – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	<ul style="list-style-type: none"> <li>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.</li> <li>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</li> </ul>	<p><b>In compliance</b></p> <ul style="list-style-type: none"> <li>All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).</li> </ul>
CUL-6: Cultural Resources Monitoring	<ul style="list-style-type: none"> <li>The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils.</li> <li>The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments.</li> <li>CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS.</li> <li>The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs.</li> <li>The CRS must report incidents of non-compliance</li> </ul>	<p><b>In compliance</b></p> <ul style="list-style-type: none"> <li>The CRS or CRM has monitored ground disturbance.</li> <li>A NAM monitored ground disturbance</li> <li>The CRS has submitted the daily field reports</li> <li>The CRS has prepared this Monthly Compliance Report</li> <li>There have been no incidents of</li> </ul>

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	Requirements	State of Compliance
	with LORS	non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	<ul style="list-style-type: none"> <li>The CRS has authority to halt construction in the event of a cultural resource find</li> <li>The CRS or CRM must record the find on Form DPR-523 and notify the CPM</li> <li>If human remains are found, the CRS must notify the Native American Heritage Commission.</li> <li>If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification.</li> </ul>	<b>In compliance</b> <ul style="list-style-type: none"> <li>No cultural resources have been found</li> <li>No human remains have been found</li> <li>No finds of interest to Native Americans have been made</li> </ul>
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.	<b>In compliance</b> <ul style="list-style-type: none"> <li>No new sources of non-commercial fill or disposal were identified for use this month.</li> </ul>

## 6. Summary of the Confidential Appendix – Finds Made this Period

No cultural resources discoveries were made during monitoring activities this month.

## 7. Concordance Table of Artifacts

No concordance table of artifacts is needed for this month because no finds were made, and no artifacts were collected.

## 8. 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 the July 1 through July 31, 2019, a total of 30 persons completed the SERC WEAP training. The hardcopy sign-in training logs for the July 2019 reporting period are included the Biological Resources Monthly Compliance Report.

## 9. Anticipated Changes in the Next Period

Installation and maintenance of site BMPs, facilities footings, duct bank and utility trenches will continue in the following month. A CRM will be on site to monitoring and respond to discoveries if they occur.

## 10. 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  
July 2019**

**Prepared For:** Doug Davy, Jacobs  
Karen Parker, Jacobs

**Prepared By:** Niranjala Kottachchi, Paleontological Resources Specialist

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

**Personnel Active in Paleontological Monitoring This Period**

Jeanette Maldonado was the primary Paleontological Resources Monitor (PRM) for this month. Richard Serrano served as the alternate PRM, in the absence of Ms. Maldonado.

Monitoring of construction activities at the Project site has occurred consistently throughout the month of July. Excavations continued in Parcel 1 in addition to minor activities in Parcel 2. Table 1 below depicts the activities which took place within each parcel week by week.

**Paleontological Resources Discoveries This Period**

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

**Anticipated Work and/or Changes in the Next Period**

Pipe installations at various locations

**Comments, Issues or Concerns**

None to report.

**Table 1. Monitoring and Associated Activities This Period**

Week	Location	Activity	Stratigraphy	Paleontological Resources
1	Parcel 1	1. Excavation of the 66 kV trench to a depth of 14 feet	1. Poorly indurated light gray to buff medium sands with orange to beige laminae visible at 5 feet below ground surface (bgs).	No paleontological resources were observed
	Parcel 2	2. Excavation of a trench east of the trailers to a depth of 5-6 feet for a potable water line	2. 3 to 4 foot layer of sandy loam with reworked materials. Below 4 feet, a fine to moderately sorted	

Week	Location	Activity	Stratigraphy	Paleontological Resources
			beige sand appeared	
<b>2</b>	SCE Parcel at Dale entrance  Parcel 2  Parcel 1	<b>1.</b> Excavation 6 inches deep for installation of rumble plates at the entrance  <b>2.</b> Excavation of a trench east of the trailers to a depth of about 3 feet on far east end for a potable water line continued  <b>3.</b> Excavation of an 8 foot deep trench between the 66kv line and railroad for pipe adjustment  <b>4.</b> Trenching for electrical grounding cables and conduits	<b>1.</b> Surface sediment was impacted consisting of brown silty loam  <b>2.</b> Sandy loam with reworked materials  <b>3.</b> Native sediment consisting of fine to moderately sorted light beige sand  <b>4.</b> Engineered fill (gravel base)	No paleontological resources were observed
<b>3</b>	Parcel 2 (Edison property, west Laydown)  West and east laydown parcels	<b>1.</b> Minor surface grading to 6 inches to lay down base  <b>2.</b> Hand auger used to drill eight holes (6 inches wide x 5 feet depth)	<b>1.</b> Disturbed  <b>2.</b> Moderately sorted beige loamy sand	No paleontological resources were observed
<b>4</b>	Parcel 1	<b>1.</b> Excavation of a few trenches 2 feet wide x 3 feet deep for ground wiring along west abutment	<b>1.</b> Sandy loam with reworked material	No paleontological resources were observed
<b>5</b>	Parcel 1	<b>1.</b> Excavation of a trench on east laydown for a temporary waterline. Trench was 20 feet x 1	<b>1.</b> Disturbed  <b>2.</b> Disturbed	No paleontological resources were

Week	Location	Activity	Stratigraphy	Paleontological Resources
		<p>foot x 1 foot</p> <p><b>2.</b> Excavation at Dale entrance to Parcel 1, 12-14 inches deep to pour concrete and extend the sidewalk</p>		observed

Attachment A  
Daily Monitoring Logs



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/1/2019 2:32:13 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 81

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

Parcel 1 & 2

**Scope of Construction Work Monitored/Equipment Used:**

Shovel; CASE Backhoe

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

In the AM ARB used a shovel to dig out small footings at the bottom of the 66kv trench in parcel 1 (max depth ~14'bgs). In the afternoon ARB began excavating a trench located just east of the trailers in parcel 2. The trench is for a potable water line with a max depth of 5-6'bgs.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Excavations in Parcel 2 show a top 3-4' layer of sandy loam with rusted metal and modern trash inclusions. Below 4' is a fine to moderately sorted beige sand.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations are planned to continue tomorrow

**Attachments (Y/N):** ☒ Yes ☐ No

**Photograph Record:**

7/1/2019 2:43:46 PM

Overview of trench and trench floor (potable water line)



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/2/2019 2:12:34 PM

**Project Location:** Stanton, CA

**Weather:**

**Monitor(s):** jmaldonado

Sunny 78

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

Parcel 2

**Scope of Construction Work Monitored/Equipment Used:**

CASE Backhoe

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

ARB continued excavations for the potable water trench located just east of the trailers in parcel 2. Excavations reached a max depth of 5-6' bgs.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Excavations in Parcel 2 show a top 3-4' layer of sandy loam with rusted metal and modern trash inclusions. Below 4' is a fine to moderately sorted beige sand.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations will continue

**Attachments (Y/N):**

☒ Yes ☐ No

**Photograph Record:**

7/2/2019 2:17:46 PM

Overview of potable water trench from east end where they had to stop for today in order to allow access on the road.



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/3/2019 1:43:35 PM

**Project Location:** Stanton, CA

**Weather:**

**Monitor(s):** jmaldonado

Sunny 78

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

Parcel 2 max depth ~8'bgs

**Scope of Construction Work Monitored/Equipment Used:**

CASE Backhoe

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

ARB continued excavations for the potable water trench located east of the trailers in parcel 2, extending east. They reached a storm drain and had to go deeper to have the line run underneath.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Excavations in Parcel 2 show a top 3-4' layer of sandy loam with scarce refuse. Below 4' is a fine to moderately sorted light beige sand.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today

**Additional Comments:**

None

**Plan for tomorrow:**

ARB is not onsite for the 4th and 5th in observance of Independence Day. Excavations will resume on Monday the 8th.

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/8/2019 2:12:51 PM

**Project Location:** Stanton, CA

**Weather:**

AM overcast; PM sunny 74

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

Parcel 2 east end

**Scope of Construction Work Monitored/Equipment Used:**

CASE Backhoe

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

ARB used a backhoe to continue excavation of the potable water line, ~3' bgs in the east end. Spot checked ARB excavations for paleontological resources.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Majority of excavation was in disturbed sediment and base backfill, but partially in light brown loamy sand.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations will continue

**Attachments (Y/N):**

☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/9/2019 2:42:33 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 79

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

SCE parcel at the Dale entrance

**Scope of Construction Work Monitored/Equipment Used:**

CASE Backhoe

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

Spot checked ARB grading down 6" for installation of rumble plates at the entrance.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Excavations only impacted surface sediment which consisted of brown silty loam.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations will continue

**Attachments (Y/N):**

☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/10/2019 9:02:14 AM

**Project Location:** Stanton, CA

**Weather:**

Sunny 81

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

SCE parcel at Dale entrance; parcel 1 SW area; parcel 2 potable waterline (east end)

**Scope of Construction Work Monitored/Equipment Used:**

CASE Backhoe; miniexcavator

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

Spot checked ARB grading down 6" for installation of rumble plates at the entrance of SCE lot. Monitored ARB use a minix to dig a small 8' deep trench inbetween the 66kv line and the railroad for a pipe adjustment. ARB also finished digging the east end trench portion for the potable water line located in parcel 2.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

The excavation in parcel 1 showed native sediment of a fine to moderately sorted light beige sand. All other excavations were within base, fill or disturbed top soil.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations are planned to continue.

**Attachments (Y/N):**

☒ Yes ☐ No

**Photograph Record:**

7/10/2019 11:23:56 AM



Excavation at Parcel 1 inbetween 66kv and railroad tracks



# Daily Monitoring Report - Paleontology

**Project Name:** Stanton Energy Reliability Center

**Date:** 7/11/2019 10:17:11 AM

**Project Location:** Stanton, CA

**Weather:**

Clear, mid 80s

**Monitor(s):** nkottachchi

**Work Start Time:** 06:30

**Work End Time:** 14:30

**Construction Company:** Primorse/ARB

**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:**

South of Cerritos Blvd and west of Dale Ave

**Scope of Construction Work Monitored/Equipment Used:**

CASE 510 Super N Extendahoe, CAT 305C mini excavator

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

Trenching for electrical grounding cables and electrical conduits. Work never extended below fill.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

All material observed was engineered fill (gravel base)

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were observed

**Additional Comments:**

Attended WEAP and safety training. Monitoring was conducted by PRM Richard Serrano

**Plan for tomorrow:**

There will be some additional trenching but these will be less than 4ft depth

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** Stanton Energy Reliability Center

**Date:** 7/12/2019 10:24 AM

**Project Location:** Stanton, CA

**Weather:**  
clear, mid 80s

**Monitor(s):** nkottachchi

**Work Start Time:** 06:30

**Work End Time:** 14:30

**Construction Company:** Primrose/ARB

**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:**

The project is located south of Cerritos Blvd and west of Dale Ave

**Scope of Construction Work Monitored/Equipment Used:**

CASE 510 Super N Extendahoe, CAT 305C mini excavator

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

Trenching for electrical grounding cables and electrical conduits. Work never extended below fill.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

All material observed was engineered fill (gravel base)

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were observed

**Additional Comments:**

Monitoring was conducted by PRM Richard Serrano

**Plan for tomorrow:**

No work on the weekend

**Attachments (Y/N):**

☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/15/2019 2:41:09 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 81

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

Parcel 2 Edison property (west Laydown)

**Scope of Construction Work Monitored/Equipment Used:**

Skip loader

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

Minor surface grading to level. Laying down base for laydown

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

All sediment disturbed was within the top 6 inches of silty loam.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations are planned to continue

**Attachments (Y/N):**

☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/16/2019 7:18:29 AM

**Project Location:** Stanton, CA

**Weather:**

Sunny 81

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

West and east Laydown parcels

**Scope of Construction Work Monitored/Equipment Used:**

Hand auger

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

ARB used a hand auger to drill a total of 8 holes, 6 inches wide and 5' deep.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Sediment observed was of a moderately sorted beige loamy sand.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations are planned to continue

**Attachments (Y/N):**

☒ Yes ☐ No

**Photograph Record:**

7/16/2019 7:18:34 AM



6in auger used to drill a 5' deep hole.



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/17/2019 2:04:27 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 78

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

N/A

**Scope of Construction Work Monitored/Equipment Used:**

None

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

Monitors on standby while concrete pour took place onsite.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

N/A

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations are planned to continue.

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/18/2019 1:31:18 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 79

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

N/A

**Scope of Construction Work Monitored/Equipment Used:**

None

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

No excavations occurred today. Monitors were on standby and spot checked backfill activities taking place on both parcels.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

N/A

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations are planned to continue

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/19/2019 2:10:35 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

N/A

**Scope of Construction Work Monitored/Equipment Used:**

None

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

Monitors were on standby while crew continued to backfill in Parcel 1

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

N/A

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations will continue next week

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/22/2019 2:01:43 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 85

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

N/A

**Scope of Construction Work Monitored/Equipment Used:**

None

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

Monitors on standby while ARB crew backfilled in Parcel 1.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

N/A

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations will continue throughout the week.

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/23/2019 2:08:28 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny and hot 93

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

N/A

**Scope of Construction Work Monitored/Equipment Used:**

None

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

Monitors on standby while ARB crew backfilled areas in Parcel 1.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

N/A

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations may occur throughout the week.

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/24/2019 2:22:55 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 93

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

N/A

**Scope of Construction Work Monitored/Equipment Used:**

None

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

Monitors on standby while ARB crew backfilled areas in both Parcels.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

N/A

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations may occur throughout the week.

**Attachments (Y/N):**

☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/25/2019 12:28:17 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny and humid 86

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

Parcel 1 along west abutment

**Scope of Construction Work Monitored/Equipment Used:**

Mini CAT excavator 305 E

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

ARB used the mini ex to dig a few trenches for ground wiring. Trenches were roughly 2' wide and 3' bgs.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Excavations were within the top 3' of undisturbed sediment, a sandy loam with modern refuse.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations are planned to continue tomorrow.

**Attachments (Y/N):**

☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/29/2019 2:40:37 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 80

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

East Laydown - entrance to parcel 1

**Scope of Construction Work Monitored/Equipment Used:**

Mini excavator

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

ARB used a miniexcavator to dig a trench for a temporary waterline. Trench was 1'Dx1'Wx20'L

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Excavations were within disturbed sandy fill.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations may continue throughout the week.

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/30/2019 2:27:42 PM

**Project Location:** Stanton, CA

**Weather:**

**Monitor(s):** jmaldonado

Sunny 81

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

Dale Entrance to Parcel 1

**Scope of Construction Work Monitored/Equipment Used:**

Backhoe; mini excavator

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

ARB used a backhoe to excavate at the entrance to parcel 1 in order to pour concrete and extend the sidewalk. Excavations here were 12-14" deep. Other minor excavations occurred in parcel 1, 6" in mostly base, sometimes impacting sidewalks of the project.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

Excavations were within disturbed sandy fill that contained modern plastic refuse.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations are planned to continue

**Attachments (Y/N):**

☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/31/2019 2:25:15 PM

**Project Location:** Stanton, CA

**Weather:**

Sunny 80

**Monitor(s):** jmaldonado

**Work Start Time:** 0630

**Work End Time:** 1500

**Construction Company:** ARB

**Contact(s):** Tim Bofman

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

☐ Yes ☒ No

**Was the Safety Briefing Attended/Signed:**

☒ Yes ☐ No

**Project Description:**

N/A

**Scope of Construction Work Monitored/Equipment Used:**

N/A

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

No excavations occurred today. Monitors were on standby while ARB crew dealt with a concrete pour and backfill

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

N/A

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were discovered today.

**Additional Comments:**

None

**Plan for tomorrow:**

Excavations may continue throughout the week.

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**



# Daily Monitoring Report - Paleontology

**Project Name:** SERC

**Date:** 7/26/2019 8:08 PM

**Project Location:** Stanton, CA

**Weather:**  
clear, mid 80s

**Monitor(s):** nkottachchi

**Work Start Time:** 06:30

**Work End Time:** 14:30

**Construction Company:** Primorse/ARB

**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:**

south of Cerritos Blvd and west of Dale Ave

**Scope of Construction Work Monitored/Equipment Used:**

CASE 510 Super N Extendahoe, CAT 405C mini excavator

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

Trenching for electrical grounding cables, excavation for extension of driveway at Dale Ave, Work never extended below fill at both locations.

**Approximate Dimensions of Construction Area Monitored/Survey Area:**

**Geologic Unit(s) Observed:**

All material observed was engineered fill (gravel base) or previously disturbed.

**Lithologic Description(s):**

**Observations of Paleontological Resources:**

No paleontological resources were observed.

**Additional Comments:**

Monitoring was conducted by Richard Serrano

**Plan for tomorrow:**

No work on the weekend

**Attachments (Y/N):** ☐ Yes ☒ No

**Photograph Record:**

Attachment 8 – ELEC-1

Attachment 8 has been deliberately left blank in this reporting period

Attachment 9 – GEN-2 Master Drawing List

Attachment 9 has been deliberately left blank in this reporting period

Attachment 10 – GEN-3 CBO Payment

[Home](#) [Accounts](#) [Payments](#) [Transfers](#) [Check Services](#) [Tools](#)

Timeout: 0:14:42

## View US Wire

Use this page to view a US Wire

[Help](#)[View Payment History](#)

### Payment Information

<b>Status</b>	Confirmed
<b>Confirmation Number</b>	IMAD:0718L4B74B1C000053
<b>Payment Number</b>	49503654
<b>Debit Account</b>	SERC OP - *****6538
<b>Debit Amount</b>	127,538.59 USD
<b>Value Date</b>	07/18/2019
<b>Send Date</b>	07/18/2019
<b>Frequency</b>	One-Time Only
<b>Reference for Recipient</b>	Invoice 127132
<b>Details of Payment</b>	Stanton Energy Reliability Center Invoice#127132
<b>Ordering Customer</b>	

### Recipient Information

<b>Recipient</b>	NVS Inc. Account Number [REDACTED] 200 S Park Road STE 350 Hollywood, FL 33021-8798
<b>Recipient Bank</b>	BANK OF AMERICA, N.A., NY [REDACTED] 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:** July 29, 2019**TRIP DATE:** June 24–25, 2019**CLIENT:** Stanton Energy Reliability Center**CONTACT:** Tim Bofman**WEATHER:** Partly cloudy; temperatures 60-70 deg F**PROJECT:** Stanton Energy Reliability Center**LOCATION:** Stanton, CA**POWER REP.:** James Heaney**TRIP PURPOSE:** GSU Cold Joint Coordination and Observation of CTG2 Foundation Concrete Placement**CONSTRUCTION AREAS OBSERVED:**

Activity No.	Description
1	SPM foundation conduit stub-ups being installed, utility rack foundation type 2 foundation reinforcement being installed and tied.
2	ERU2 foundations formwork installed, anchor bolts and reinforcement in process of being installed and tied in place .
3	CTG2 foundation concrete being placed monolithically. NE Pedestals for Unit 2 power block wall foundations being placed at the same time. Concrete sampling and quality control testing is being completed as specified.

**DISCREPANCIES:**

Activity No.	Description
1	Previously placed concrete pedestal for GSU foundation was not cast monolithically. Delay of concrete trucks due to overload at the ready-mix plant caused significant delay and fresh concrete was placed on top of hardened concrete. Contractor noted that they were unable to vibrate new layer into previously placed layer of concrete. The location and appearance of this was reviewed during this site visit. It was determined that the contractor's explanation of the joint's location was accurate. I reviewed the findings from previously sent cold joint with the contractor's representative (Nick Tasich of ARB) and discussed the plan forward. Nick is getting into contact with potential subcontractors to perform design, detailing, and installation of fiber-wrap concrete system per our discussion. POWER indicated that details manufacturer will need to provide the following: 1) System designed to replace #6 pedestal perimeter bars that are no longer engaged due to minimal embedment in top 8-10" of concrete; 2) Bond length above and below joint; and 3) Detail for platform beam anchorage through fiber-wrapped concrete section of pedestal.

**NOTES:**


None

## FIELD REPORT

### CONCLUSION:

Construction observation during this site visit is in conformance with the design intent with no cold joints located in the foundation. Discrepancy repair of GSU pedestal foundation, as discussed above, is being designed/detailed for Engineer's review and approval by the contractor.

### CERTIFICATION:

Site Visit Performed By: 

Site Visit Report Reviewed and Approved By: William H. Romines Jr.

Lead Engineer Seal:



## FIELD REPORT

### PHOTOS:



**6/24/2019: GSU Pedestal Cold Joint Elevation Measurement 1**



**6/24/2019: GSU Pedestal Cold Joint Elevation Measurement 2**

## FIELD REPORT



**6/24/2019: GSU Pedestal Cold Joint – East Face**



**6/24/2019: CTG2 Foundation 02-MK1 Anchor Bolts in Foreground, ERU 2 Foundation Formwork and Reinforcement in Background**

## FIELD REPORT



**6/25/2019: CTG2 Concrete Placement in Progress**



**6/25/2019: CTG2 Concrete Surface Finishing**

## FIELD REPORT



**6/25/2019: CTG2 Concrete Strength Cylinder Casting**



**6/25/2019: CTG2 Concrete Strength Cylinder Casting**

**FIELD REPORT****REPORT DATE:** July 29, 2019**TRIP DATE:** July 8-9, 2019**CLIENT:** Stanton Energy Reliability Center**CONTACT:** Tim Bofman**WEATHER:** Mostly Sunny; temperatures 65-78 deg F**PROJECT:** Stanton Energy Reliability Center**LOCATION:** Stanton, CA**POWER REP.:** James Heaney**TRIP PURPOSE:** Originally ERU2 Concrete Placement Observation Prior to Rescheduling**CONSTRUCTION AREAS OBSERVED:**

Activity No.	Description
1	NE potable water line being installed in trench. Adjacent firewater line has previously been installed and backfilled. ARB waiting on outstanding RFI to install drain/sewer line.
2	ERU2 foundations formwork installed. Anchor bolts and reinforcement are complete, and POWER reviewed for general conformance. POWER worked with ERU vendor to determine that additional reinforcement was not required for anchor supplemental reinforcement.
3	U2 Oily Water Waste Tank Foundation Base Slab formwork and reinforcement being installed.
4	Demin Water Skid and Fogging Water Recycle Tank foundations have been placed and in curing process. Formwork to be removed shortly.
5	CTG1 Formwork being assembled
	Utility Rack Type 1 reinforcement being tied.

**DISCREPANCIES:**

Activity No.	Description
1	Contractor advised that future RFI would be generated to for power block wall foundation at column line D2 due to interfering duct bank being placed 3" higher in elevation than originally anticipated. It was agreed onsite that foundation at D2 could be raised in elevation by 3" and pedestal shortened by 3" to achieve original top of concrete elevation required and add additional conservatism to the design of the foundation.

**NOTES:**


None
------

## FIELD REPORT

### CONCLUSION:

Construction observation during this site visit is in conformance with contract documents. ERU2 formwork and reinforcement has been reviewed for general compliance by POWER. ERU2 foundation concrete will be placed on Saturday 7/13/19, and POWER will be available via cell phone to direct work modifications if concrete delays occur; however POWER does not plan to be onsite during placement. Design and detail of repair joint for GSU pedestal foundation is still in progress by contractor's subcontractor and will be submitted shortly for Engineer's review and approval.

### CERTIFICATION:

Site Visit Performed By: 

Site Visit Report Reviewed and Approved By: William H. Romines Jr.

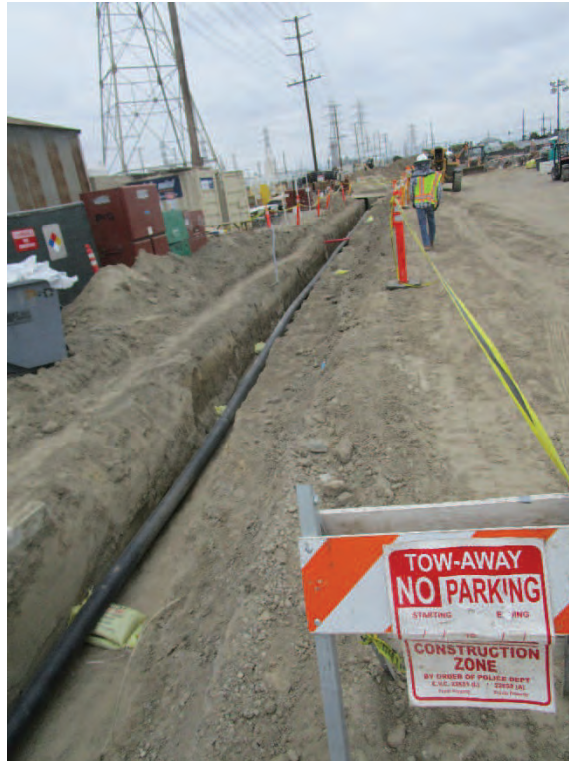
Lead Engineer Seal:



  
JULY 29, 2019

## FIELD REPORT

### PHOTOS:



V

**7/8/2019: Parcel 2 Potable Water Trench**



**7/8/2019: ERU2 Formwork SE Corner**

## FIELD REPORT



**7/8/2019: ERU2 AB Plan 3 Detail, 02-MK3 Anchor Bolts**



**7/8/2019: ERU2 AB Plan 2 Detail, 02-MK3 Anchor Bolts**

## FIELD REPORT



**7/9/2019: U2 Oily Water Waste Tank Foundation Base Slab Formwork and Reinforcement**



**7/9/2019: Formwork Before Removal on Demin Water Skid and Fogging Water Recycle Tank Foundation**

## FIELD REPORT



**7/9/2019: CTG1 Formwork Assembly**



**7/9/2019: Utility Rack Foundation Type 1 Formwork and Reinforcement**

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

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
7/1/2019	38580	470
7/2/2019	39270	690
7/3/2019	39850	580
7/4/2019	39850	0
7/5/2019	39850	0
7/8/2019	40120	270
7/9/2019	40580	460
7/10/2019	41160	580
7/11/2019	41790	630
7/12/2019	42490	700
7/15/2019	43250	760
7/16/2019	43990	740
7/17/2019	44690	700
7/18/2019	45320	630
7/19/2019	46100	780
7/22/2019	46880	780
7/23/2019	47430	550
7/24/2019	48190	760
7/24/2019	48700	510
7/26/2019	49380	680
7/29/2019	50030	650
7/30/2019	50650	620
7/31/2019	51310	660
Total		13200

Attachment 15 – SOIL&WATER-8 Encroachment Permit

< Attachment 15 has been deliberately left blank in this reporting period >

Attachment 16 – STRUC-1 CBO Approvals

## MEMORANDUM – DCBO APPROVAL

DATE: July 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: STRUC-1-11.0 Equip and Sys Fdn Plans & Calcs X1 - SERC\_PCF

### MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC\_16-AFC-01

--- REVIEWED ---

This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed by Alan Ho

Reason: Reviewed for Code Compliance for foundation only.

Date: 2019.07.17  
09:20:37 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 22, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-15.0\_AIR COMP CANOPY & CALCS\_190717\_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 ---

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Digitally signed by Alan Ho  
Reason: Reviewed for Code  
Compliance.

Date: 2019.07.22 22:23:55  
-07'00' ®

## MEMORANDUM – DCBO APPROVAL

DATE: July 22, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-16.0\_PBE U1&2, RO CANOPY, & SOLID  
WASTE\_190712\_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 ---

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Digitally signed by  
Alan Ho

Reason: Reviewed for  
Code Compliance.

Date: 2019.07.22

20:41:56 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 14, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-17.0\_GT & ERU S. STRUCS &  
CALCS\_190711\_EXPEDITE\_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 ---

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Digitally signed by  
Alan Ho

Reason: Reviewed for  
Code Compliance.

Date: 2019.07.14

14:14:20 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 22, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-20.0\_DEMIN TANK & CALCS\_190712\_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: 2019.07.22  
20:18:00 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 10, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: STRUC-1-23.0 Ammonia Tank\_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: 2019.07.10

18:29:37 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 25, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-29.0\_FUEL GAS FILTER SKIDS\_190717\_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 structural anchorage of vertical vessels to skid and skid to foundation and structural loads to the foundation only.

Date: 2019.07.25 21:49:28 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 28, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-30.0\_HV SF6 BREAKER\_190719\_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: 2019.07.28  
10:43:01 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 26, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-31.0\_NH\_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: 2019.07.27

18:26:07 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 26, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-33.0\_SWYD STEEL & EQUIP\_190719\_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: 2019.07.26  
18:58:44 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 9, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: STRUC-1-34.0 SPM Foundation\_PCF

### MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC\_16-AFC-01

--- REVIEWED ---

This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed by Alan Ho

Reason: Reviewed for Code Compliance for foundation only.

Date: 2019.07.09

21:06:45 -07'00'

## MEMORANDUM – DCBO APPROVAL

DATE: July 14, 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](mailto:Alan.Ho@nv5.com)  
916.346.8866

CC: Eric Rodriguez, Lead Engineer  
NV5, Inc.

SUBMITTAL: STRUC-1-36.0 CTG Access Platforms PCF - SERC

### 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: 2019.07.14  
22:08:00 -07'00'

Attachment 17 – TRANS-1 Permits

< Attachment 17 has been deliberately left blank in this reporting period >

Attachment 18 – Safety Inspection Report



## SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT

JULY 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 July 2019.

We have been in compliance with all safety policies and procedures on the SERC project. Personnel have been participating in our Personal Safety Commitment observation program and stop work responsibility has been a big focus to our constantly changing safety culture. We have had Two (2) reported Incidents involving Lower Back muscle strain and Lower Back abrasion. The Employee with the muscle strain was taken to the Industrial Clinic for treatment. The treating Physician advised icing, some exercises, gave him ibuprofen, and scheduled for a follow up appointment. He was released to full duty immediately. Within Four (4) days during the Fourth of July weekend, he came back feeling a 100%. That Monday afternoon he was discharged from the Clinic. The second Employee sustained an abrasion on the small of his lower back, which appeared as a deep rug burn by description. He apparently tripped and fell backwards scrapping his back on an anchor bolt on top of the CT-2 foundation. This Employee expressed that he did not feel there was any internal damage and when it was asked if he would like to seek medical attention, he refused treatment and signed a refusal of medical treatment form. He has not missed any work and expresses he is back to normal now.

We have been processing a number of new Personnel for ARB and our Sub-Contractors through the SERC WEAP Orientation and SERC Site specific Safety training. Badges for accountability and security purposes are being issued and parking for all craft workers has been established at the Bethel Church off of Dale Street. Parking there has been good and the effort has been closely coordinated. On July 17<sup>th</sup>, we also conducted an Emergency Evacuation drill to bring up the awareness of the alarms sounding, which evacuation muster point to report to and what to do in different situations.

We have had discussions on Holiday Safety, Authorized Company Vehicle/Equipment Operations & Use, Emergency Evacuation Alarms & Procedures for the SERC Project and Safety Data Sheets (SDS) as the topics in our all hands safety meetings for the month of July 2019. We have applied special emphasis on staying hydrated again and for the past couple of Months. We are also constantly emphasizing the use of spotters at all times especially around the overhead power lines due to the close proximity of these lines and the tightness of the project location.

Only these Two first aids were reported, no recordables or loss time Injuries to report for this month.

Tim Draper,

ARB, Inc. Safety Manager,

SERC Project Safety

[tdraper@prim.com](mailto: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](mailto:noreply@digalert.org)  
**To:** [ntasich@prim.com](mailto:ntasich@prim.com)  
**Subject:** DigAlert Confirmation for Ticket A190280441-08B  
**Date:** Monday, July 8, 2019 7:50:35 AM

---

**EXTERNAL EMAIL**

EMLCFM 00550B USAS 07/08/19 07:50:34 A190280441-08B RNEW NORM POLY LREQ

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DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 08B Created: 07/08/19 07:50 User: DIRECT Chan: WEB

Work Start: 07/08/19 07:50 Legal Start: 07/08/19 07:50 Expires: 08/05/19 23:59

Response required: N Priority: 2

**Excavator Information**

Company: ARB, INC.  
Co Addr: 26000 COMMERCE CENTRE DRIVE  
City : LAKE FOREST State: CA Zip: 92630  
Created By: 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=FAELlBmGcK9i5r5-i](https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=FAELlBmGcK9i5r5-i)

**Comments:**

\*\*RESEND\*\*UPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]  
\*\*RESEND\*\*REQUEST REMARKS FROM ALL-WORK CONT W/SIDE TO APPROX 100FT W/OF THE

W/SIDE OF DALE AVE (TO FENCE LINE) FRM APPROX 305 N/OF THE N/INTER OF MONROE AVE  
N/TO APPROX 441FT N/OF MONROE AVE. PER NICK TASICH--[JLL 02/15/2019 10:38:02 AM]  
\*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/14/19 13:21]  
\*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 04/10/19 07:48]  
\*\*RENEW TICKET\*\* WORK CONTINUING PER JOSH KRAHL--[DIRECT 05/02/2019 08:52 AM]  
\*\*RENEW TICKET\*\* WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 05/20/2019 01:16 PM]  
\*\*RENEW TICKET\*\* WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20 PM]  
\*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50 AM]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB	TCC	800-655-8844
UTWCCORG UTILIQUEST 4 CHARTER COMM C	Information not provided	

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**From:** [noreply@digalert.org](mailto:noreply@digalert.org)  
**To:** [ntasich@prim.com](mailto:ntasich@prim.com)  
**Subject:** DigAlert Confirmation for Ticket A190280541-08B  
**Date:** Friday, July 19, 2019 7:55:51 AM

---

**EXTERNAL EMAIL**

EMLCFM 00445B USAS 07/19/19 07:55:48 A190280541-08B RNEW NORM POLY LREQ

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This is not a certified copy of the ticket.

Ticket: A190280541 Rev: 08B Created: 07/19/19 07:55 User: DIRECT Chan: WEB

Work Start: 07/19/19 07:55 Legal Start: 07/19/19 07:55 Expires: 08/16/19 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=FBDmKcLhAn6l2u2-1](https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=FBDmKcLhAn6l2u2-1)

**Comments:**

\*\*RESEND\*\*UPDATE 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]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM REGIONAL OPERAT	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC		800-655-8844

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**From:** [noreply@digalert.org](mailto:noreply@digalert.org)  
**To:** [ntasich@prim.com](mailto:ntasich@prim.com)  
**Subject:** DigAlert Confirmation for Ticket A190280543-08B  
**Date:** Friday, July 19, 2019 7:55:52 AM

---

**EXTERNAL EMAIL**

EMLCFM 00446B USAS 07/19/19 07:55:50 A190280543-08B RNEW NORM POLY LREQ

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Ticket: A190280543 Rev: 08B Created: 07/19/19 07:55 User: DIRECT Chan: WEB

Work Start: 07/19/19 07:55 Legal Start: 07/19/19 07:55 Expires: 08/16/19 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=7BBoEiFr4p9k3xB-c](https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=7BBoEiFr4p9k3xB-c)

**Comments:**

\*\*RESEND\*\*UPDATE 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]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM REGIONAL OPERAT	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC		800-655-8844

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**From:** [noreply@digalert.org](mailto:noreply@digalert.org)  
**To:** [ntasich@prim.com](mailto:ntasich@prim.com)  
**Subject:** DigAlert Confirmation for Ticket A190280551-08B  
**Date:** Friday, July 19, 2019 7:55:54 AM

---

**EXTERNAL EMAIL**

EMLCFM 00448B USAS 07/19/19 07:55:52 A190280551-08B RNEW NORM POLY LREQ

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Ticket: A190280551 Rev: 08B Created: 07/19/19 07:55 User: DIRECT Chan: WEB

Work Start: 07/19/19 07:55 Legal Start: 07/19/19 07:55 Expires: 08/16/19 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=7BBoEiFr4p5mlzz-o](https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=7BBoEiFr4p5mlzz-o)

Comments:

\*\*RESEND\*\*UPDATE 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]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05 METROPOLITAN WATER	CONTROL ROOM	714-577-5011
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-
7073xCELL		
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM REGIONAL OPERAT	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-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"> <li>1. Additional gravel was added to the existing ramps at the tire washing/cleaning station</li> <li>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.</li> <li>3. The assigned laborers will also be sweeping the rumble plates when build-up occurs to maintain the efficiency of the plates.</li> <li>4. Above and beyond, the contractor added another set of rumble plates and gravel at the Dale Ave. entrance.</li> </ol>	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 5<sup>th</sup> 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

<Attachment 22 has been deliberately left blank in this reporting period>

End Report